Baseline Water Quality Data

Inventory and Analysis

Olympic National Park



Water Resources Division and Servicewide Inventory and Monitoring Program

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NATIONAL PARK SERVICE

National Park Service - Department of the Interior
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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

OLYMPIC NATIONAL PARK

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

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located 25 industrial/municipal dischargers; 17 drinking water intakes; 56 active or inactive U. S. Geological Survey (USGS) and U. S. National Oceanic Survey water gages (including stream, estuary, and climate); and ten water impoundments. The results of the STORET retrieval for the study area yielded 89,460 observations for 941 separate parameters collected by the NPS, USGS, EPA, and Washington Department of Ecology (WDE)[††] at 406 monitoring stations from 1901 through 1997[†††]. Of the 406 monitoring stations, 94 were located within the park boundaries (see Station Period of Record Tabulation). Six EPA stations within the study area (none within the park boundaries) were established but contained no data. Five WDE stations within the study area (one within the park boundaries) were established but did not contain data appropriate for statistical analysis.

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Fifty-seven stations within the study area (seven within the park boundaries) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longer-term records within the park boundaries are: (1) North Fork Quinault River near Amanda Park (OLYM 0176); (2) Weir on West Twin Creek near confluence with Twin Creek (OLYM 0219); (3) North Fork Skokomish River below Staircase Rapids near Hoodsport (OLYM 0008); (4) Weir on West Twin Creek near confluence with Twin Creek (OLYM 0218); (5) Ozette River at Ozette (OLYM 0399); (6) Cedar Creek (OLYM 0285); and (7) Kalaloch Creek (OLYM 0276). The stations yielding the longest-term records within the study area, but outside of the park boundaries, are: (1) Elwha River at the

[†]The EPA RF3 file has not been completed for Washington. Consequently, 1:100,000 scale digital hydrography from the U.S. Census TIGER files was used to provide the hydrographic backdrop for analyzing OLYM's water quality data. When the EPA completes the RF3 dataset for OLYM, these data will be sent to OLYM.

[††]Sixteen of the 28 monitoring stations entered in STORET by the WDE share portions of data with USGS stations at the exact same locations. To avoid double-counting data, the redundant portions of WDE data (10,761 observations) were not included in this report but still exist in STORET.

[†††]Of the 89,460 observations reported in the study area, 15 elevation values, entered in STORET by the WDE, were dated 01/01/01. The sixteenth oldest observation entered in STORET for the OLYM study area was collected in 1947. Consequently, a more representative period of record for observations in the study area would be from 1947 through 1997.

McDonald (U. S. Route 101) Bridge near Port Angeles (OLYM 0165); (2) Port Angeles Harbor at Ediz Hook Head (OLYM 0146); (3) Quinault River at Quinault Lake (OLYM 0214); (4) Elwha River near Port Angeles (OLYM 0162); (5) Hoh River at DNR Campground (OLYM 0245); and (6) Queets River near Clearwater (OLYM 0258)[††††].

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 OLYM water quality criteria screen found 14 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chlorine, cadmium, copper, lead, mercury, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Dissolved oxygen and pH exceeded their respective EPA criteria for the protection of marine aquatic life. Chloride, cadmium, lead, mercury, thallium, and zinc exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater and marine bathing, and aquatic life, respectively.

Dissolved oxygen concentrations were measured 4,516 times at 282 monitoring stations from 1951 through 1997. Fifty-seven concentrations at 31 stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of aquatic life from 1953 through 1994. Fifty-four of these 57 concentrations were collected from ocean or estuary stations located outside the park.

The pH was measured 3,848 times at 186 monitoring stations from 1948 through 1997. Two-hundred-eleven observations at 62 stations were outside the pH ranges of 6.5 to 8.5 standard units (SU) (EPA chronic criteria for marine aquatic life) or 6.5 to 9.0 SU (EPA chronic criteria for freshwater aquatic life) from 1954 through 1997. One-hundred-ninety-two observations at 54 non-marine stations were less than or equal to a pH of 6.5 SU from 1959 through 1997. Eleven observations at six non-marine stations, within the park in the Sol Duc hotspring area (OLYM 0200, OLYM 0204, OLYM 0206, OLYM 0207, OLYM 0208) and in the Elwha River at the McDonald (U.S. Route 101) Bridge (OLYM 0165), were greater than a pH of 9.0 SU from 1954 through 1994. Of the 203 observations outside the freshwater criteria, 148 were reported from 33 stations within the park from 1954 through 1997. Six observations at two marine stations near Port Angeles (OLYM 0069, OLYM 0146) were greater than or equal to a pH of 8.5 SU from 1975 through 1986. Two observations at two marine stations near Port Angeles (OLYM 0069, OLYM 0144) were less than a pH of 6.5 SU during 1967 and 1969. The highest pH of 10 SU was reported at a freshwater station in the Elwha River at the McDonald (U.S. Route 101) Bridge (OLYM 0165) in July 1985. The lowest pH of 4.53 SU was reported at a freshwater station within the park at the weir in West Twin Creek near the confluence with Twin Creek (OLYM 0219) in April 1997.

Turbidity was measured 2,458 times at 189 monitoring stations from 1960 through 1997. Thirty observations at 18 stream stations equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1962 through 1997. The highest value of 400 JTU was reported in the Queets River at the U.S. Route 101 Bridge (OLYM 0265) in December 1963.

Total coliform concentrations were measured 1,340 times at 153 monitoring stations from 1959 through 1994. Of the 1,338 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), 48 concentrations at 24 stations exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1967 through 1977. The highest value of at least 20,000 CFU/100 ml was reported within the park in the North Fork Skokomish River below Staircase Rapids (OLYM 0008) in June 1977. Fecal coliform concentrations were determined 951 times at 117 monitoring stations from 1973 through 1997. Of the 929 observations used in the criteria analysis (see Remark Code Screen

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

in the Methodology for explanation), 15 concentrations at five stations outside the park, in estuaries near La Push (OLYM 0374, OLYM 0379, OLYM 0384), in Queets River below the confluence with Clearwater River (OLYM 0258), and in Sooes River below Miller Creek (OLYM 0360), equaled or exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1976 through 1993. Eleven of these 15 concentrations were reported at three stations in estuaries near La Push (OLYM 0374, OLYM 0379, OLYM 0384) during August 1976. The highest value of at least 450 CFU/100 ml was reported three times at Harley's Resort near La Push (OLYM 0374) in August 1976.

Chloride concentrations (including dissolved and total) were measured 1,420 times at 109 monitoring stations from 1947 through 1997. Two total concentrations, 850 mg/L and 540 mg/L in the Hoko River at the State Route 112 Bridge (OLYM 0272), exceeded the secondary drinking water criterion of 250 mg/L in June and August 1972, respectively.

Chlorine concentrations (including free available and total residual) were measured 30 times at five monitoring stations (OLYM 0198, OLYM 0199, OLYM 0200, OLYM 0201, OLYM 0211) during 1994. Of the 29 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), one total residual concentration of 0.2 mg/L, reported within the park in the Sol Duc River 800 meters downstream of the resort bridge (OLYM 0211), exceeded the acute freshwater criterion of 0.019 mg/L in July 1994.

Cadmium concentrations (including dissolved, suspended, and total) were measured 282 times at 23 monitoring stations from 1973 through 1994. Of the 256 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), nine concentrations, ranging from 4 micrograms per liter (µg/L) to 20 µg/L at five stream stations, in the Queets River below the confluence with Clearwater River (OLYM 0258), Elwha River at the McDonald (U.S. Route 101) Bridge (OLYM 0165), Quinault River at the U.S. Route 101 Bridge (OLYM 0214), within the park in North Fork Quinault River (OLYM 0176), and Hoh River at the U.S. Route 101 Bridge (OLYM 0244), exceeded the acute freshwater criterion of 3.9 µg/L from 1975 through 1980. Eight of these nine concentrations also equaled or exceeded the drinking water criterion of 5.0 µg/L from 1975 through 1980. The highest concentration of 20 µg/L was reported twice in the Elwha River at the McDonald (U.S. Route 101) Bridge (OLYM 0165) in April 1975.

Copper concentrations (including dissolved, suspended, and total) were measured 383 times at 33 monitoring stations from 1959 through 1994. Fifty-two concentrations at 11 stream stations equaled or exceeded the acute freshwater criterion of 18 µg/L from 1959 through 1994. The highest concentration of 550 µg/L was reported in the Queets River at the U.S. Route 101 Bridge (OLYM 0263) in December 1963.

Lead concentrations (including dissolved, suspended, and total) were measured 306 times at 29 monitoring stations from 1971 through 1994. Of the 290 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 32 concentrations at eight stream stations, in Queets River below the confluence with Clearwater River (OLYM 0257, OLYM 0258), within the park in North Fork Quinault River (OLYM 0175, OLYM 0176), Elwha River at the McDonald (U.S. Route 101) Bridge (OLYM 0165), Quinault River at the U.S. Route 101 Bridge (OLYM 0214), Hoh River at the U.S. Route 101 Bridge (OLYM 0244), and drainage from the Makah Landfill (OLYM 0395), equaled or exceeded the drinking water criterion of 15 µg/L from 1974 through 1989. Five of these 32 concentrations also exceeded the acute freshwater criterion of 82 µg/L from 1974 through 1978. The highest concentration of 500 µg/L was reported within the park in the North Fork Quinault River (OLYM 0176) in January 1974.

Mercury concentrations (including dissolved, suspended, and total) were measured 283 times at 21 monitoring stations from 1972 through 1994. Five concentrations, ranging from 2 µg/L to 13 µg/L at two stations, in Queets River below the confluence with Clearwater River (OLYM 0258) and Elwha River at the McDonald (U.S. Route 101) Bridge (OLYM 0165), equaled or exceeded the drinking water criterion of 2.0 µg/L from 1978 through 1985. Three of these five concentrations also exceeded the acute freshwater criterion of 2.4 µg/L from 1978 through 1985. The highest concentration of 13 µg/L was reported in the Elwha River at the McDonald (U.S. Route 101) Bridge (OLYM 0165) in January 1978.

Silver concentrations (including dissolved, suspended, and total) were measured 272 times at 19 monitoring stations from 1973 through 1994. Of the 271 observations used in the criteria analysis (see Remark Code Screen in the Methodology for explanation), one total concentration of 8 µg/L in the Elwha River at the McDonald (U.S. Route 101) Bridge (OLYM 0165) exceeded the acute freshwater criterion of 4.1 µg/L in March 1980.

Total thallium concentrations were measured seven times at six monitoring stations (OLYM 0001, OLYM 0015, OLYM 0150, OLYM 0393, OLYM 0395, OLYM 0397) from 1978 through 1989. One concentration of 10 µg/L at the ITT Rayonier raw water intake near Port Angeles (OLYM 0150) exceeded the drinking water criterion of 2.0 µg/L in June 1978.

Zinc concentrations (including dissolved, suspended, and total) were measured 380 times at 33 monitoring stations from 1961 through 1994. Eleven concentrations, ranging from 120 µg/L to 6,476 µg/L at nine stations, within the park in the Sol Duc hot springs area (OLYM 0198, OLYM 0200, OLYM 0209, OLYM 0211), North Fork Quinault River (OLYM 0175, OLYM 0176), Queets River below the confluence with Clearwater River (OLYM 0258), Elwha River at the McDonald (U.S. Route 101) Bridge (OLYM 0164), and drainage from the Makah Landfill (OLYM 0395), equaled or exceeded the acute freshwater criterion of 120 µg/L from 1974 through 1994. One of these 11 concentrations, 6,476 µg/L reported within the park in the Sol Duc River upstream from the hot springs resort (OLYM 0198), also exceeded the drinking water criterion of 5,000 µg/L in November 1994.

The IDEA conducted for OLYM indicates that STORET data exist for all 13 Level I parameter groups in the study area. For three parameter groups, Water Temperature, Flow, and Bacteria, less than 25 percent of the observations were recorded since 1985. Overall, approximately 30 percent of the observations for Level I parameter groups were recorded since 1985. Data for the groups Alkalinity, pH, Flow, Phosphate/Phosphorus, Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, Bacteria, and Toxic Elements were recorded at less than half of the 400 monitoring stations with data. Relative to other parameter groups, data were limited for the group Chlorophyll. Results for 121 of the 126 EPA priority toxic pollutants (consisting of inorganic and organic parameters, metals, pesticides, and PCB's) were retrieved from STORET.

Surface water resources in the OLYM study area include the Pacific Ocean and Strait of Juan de Fuca; Elwha, Hoh, Skokomish, Dosewallips, Quinault, Queets, Sol Duc, and other rivers; Matheny, Morse, Bear, and numerous other creeks; Crescent, Quinault, Ozette, Mills, Cushman, and numerous smaller lakes; many springs; and several marshland areas near the west coast. The data inventories and analyses contained in this report indicate that surface waters within the study area generally appear good with some impact from human activities. Potential anthropogenic sources of contaminants include municipal and industrial wastewater discharges; residential development; logging activities; gravel pit operations; stormwater runoff; recreational use; and atmospheric deposition.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

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

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

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

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

Jacquie Nolan designed the cover.

Horizon Systems:

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

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

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

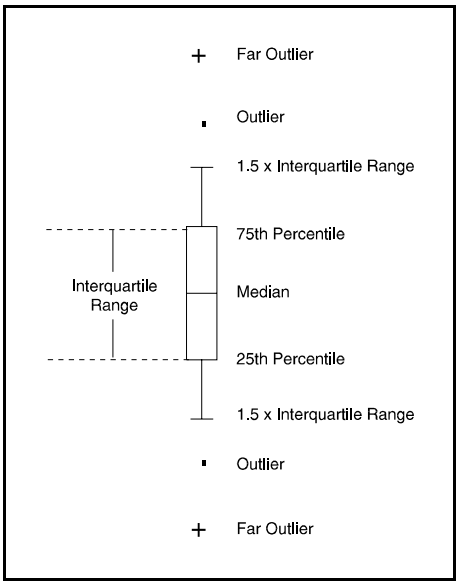
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR OLYM

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:	2487930	912450
# STORET Stations:	406	94
# Stations With No Data:	6	0
# Stations With No Stat. Analysis:	5	1
# Longer Term Stations:	57	7
Date of STORET Retrieval:	05/10/99	05/10/99
Period of Record:	01/01/01-12/17/97	01/01/01-12/17/97
# Parameters Measured:	941	564
# Water Quality Observations:	89460	26553
# Industrial/Municipal Facilities:	25	0
# Drinking Water Intakes:	17	0
# Water Gages:	56	10
# Water Impoundments:	10	2
# Total Plots:	144	62
# Time Series:	54	27
# Annual:	40	29
# Seasonal:	50	6

Hydrologic Definition of Seasons:

1. October 1 - November 30
2. December 1 - March 31
3. April 1 - July 31
4. August 1 - September 30

Time Series Plot Criteria:

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

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 10 years.

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

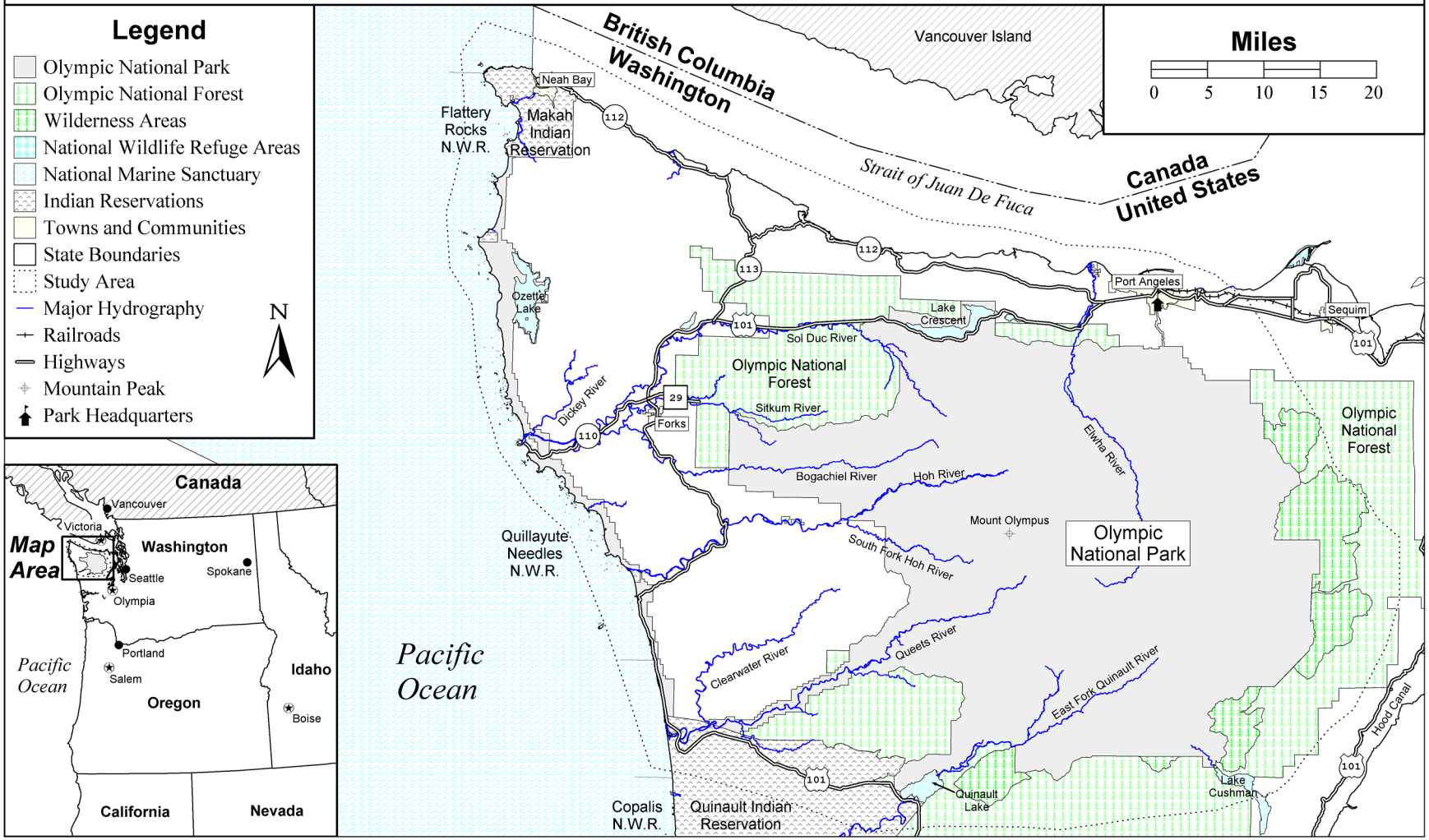
Seasonal Analysis Criteria:

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

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

Olympic National Park

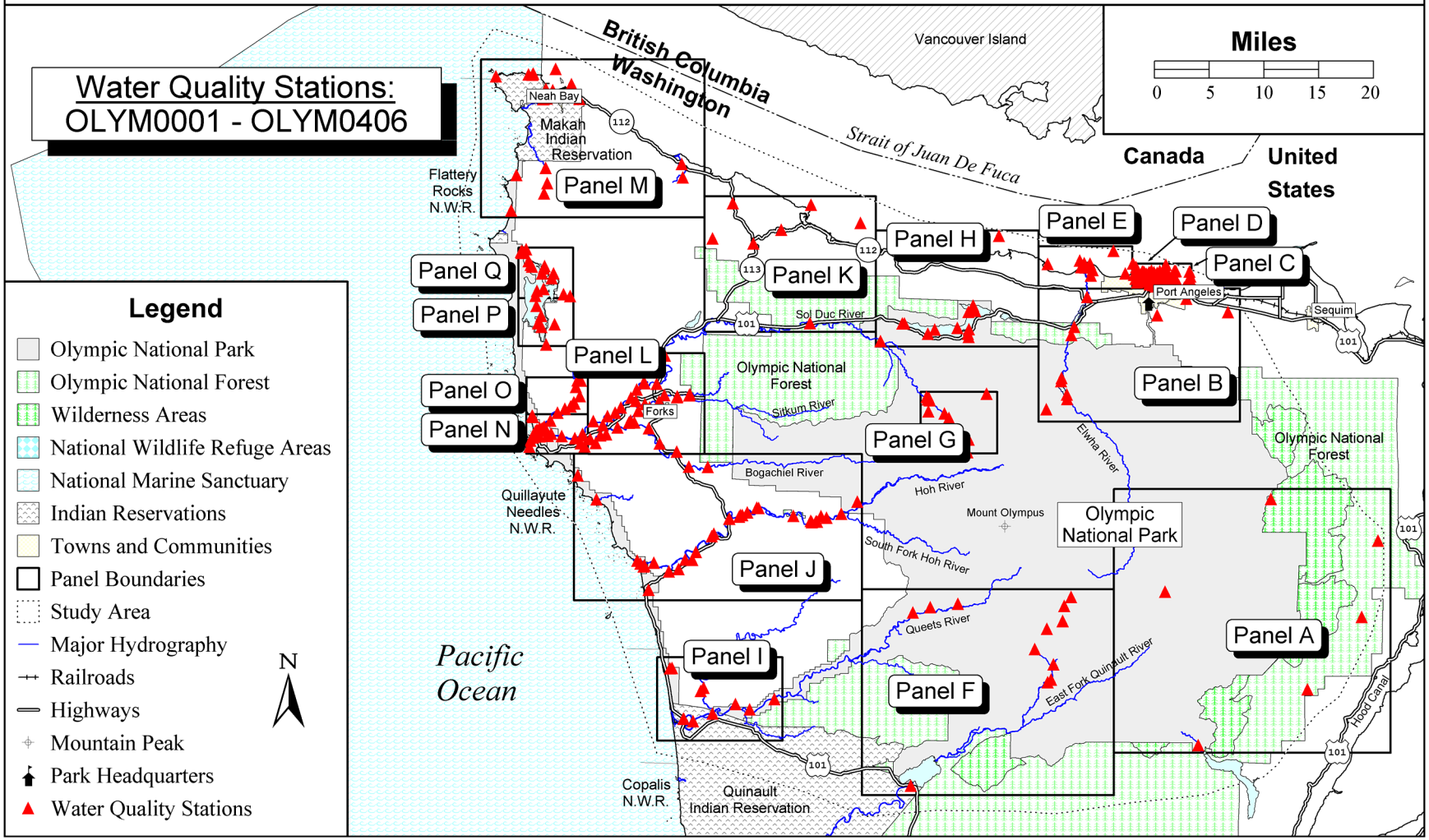
Regional Location Map



Olympic National Park

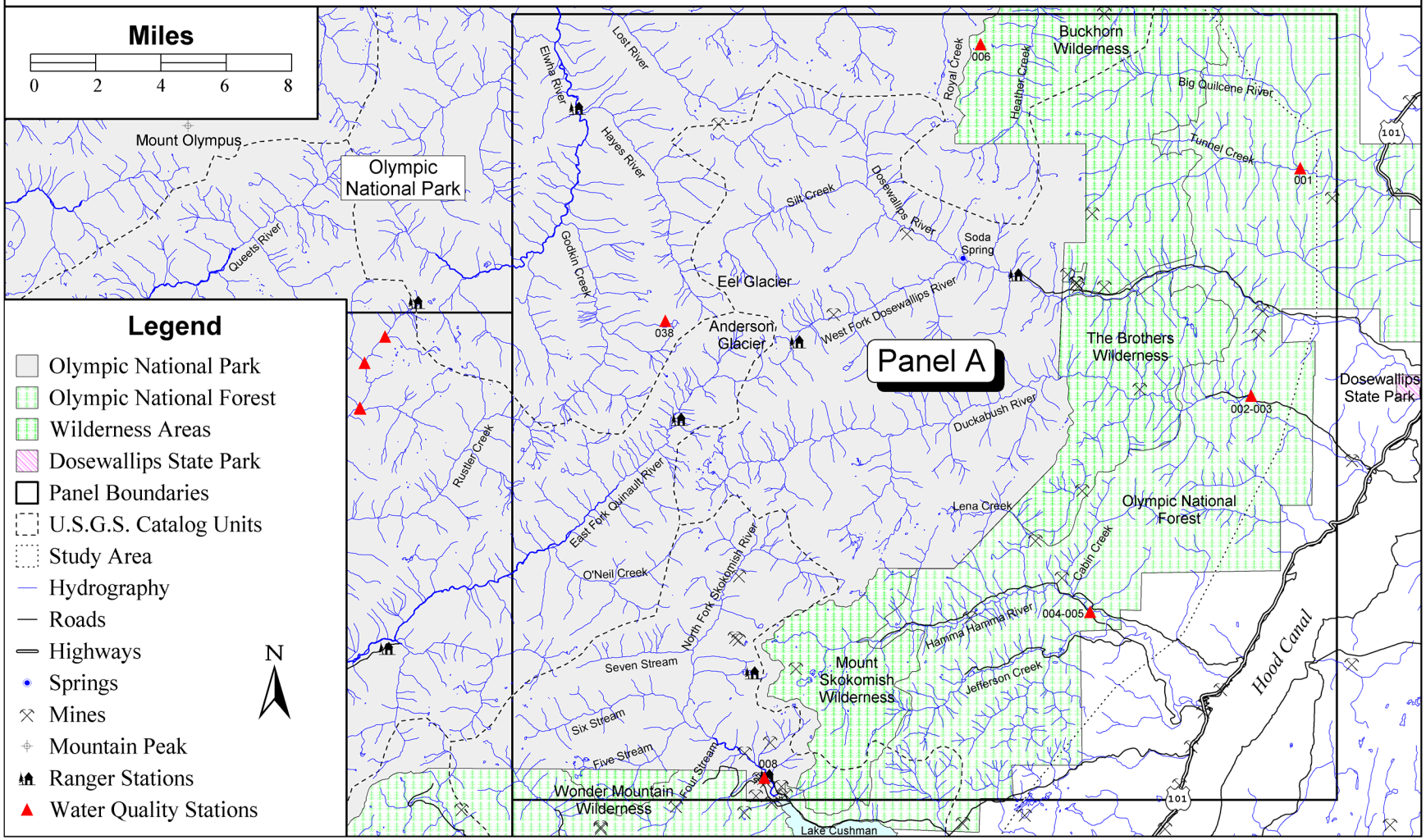
Water Quality Monitoring Locations

Graphic Panel Index



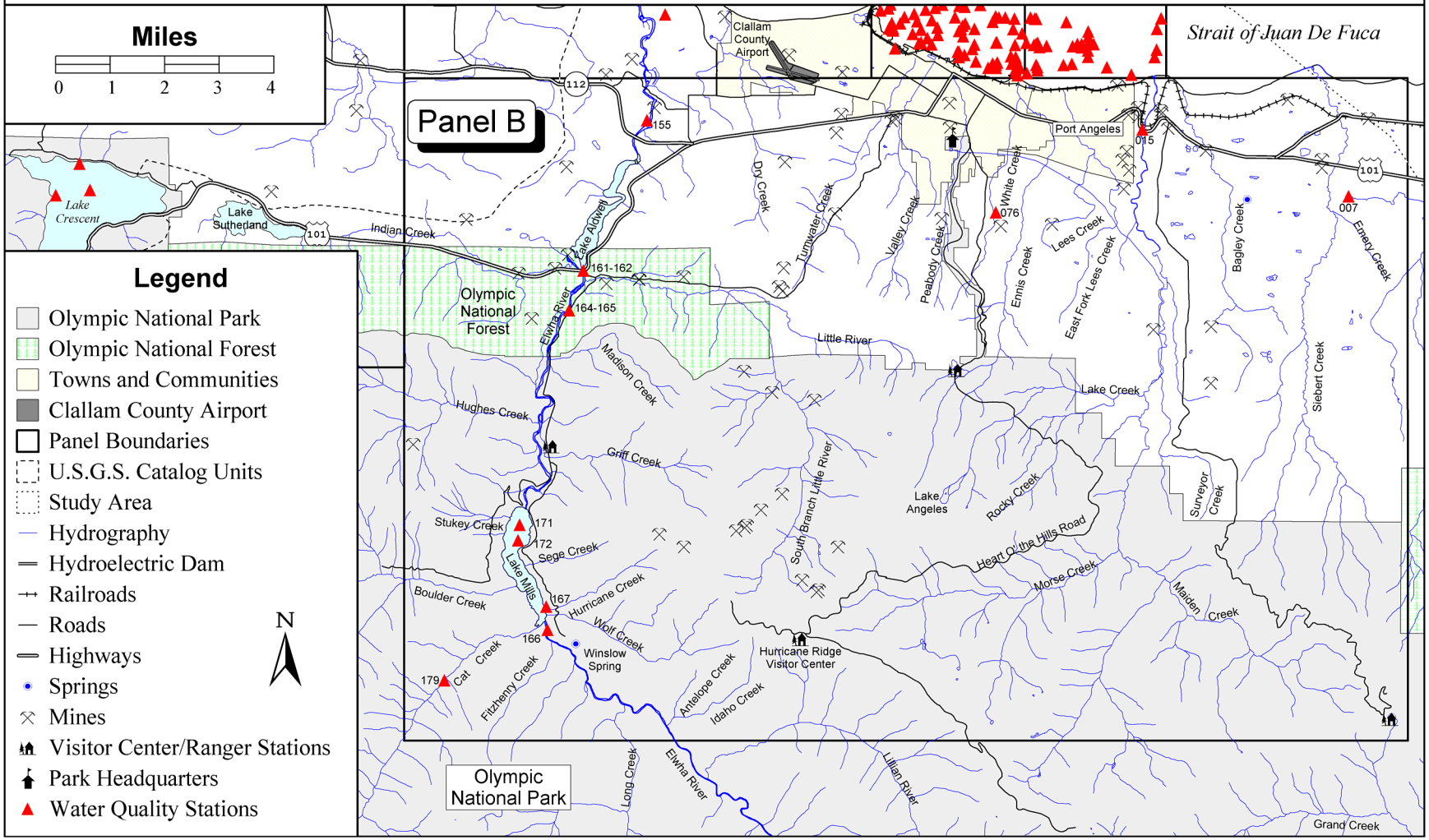
Olympic National Park

Water Quality Monitoring Locations



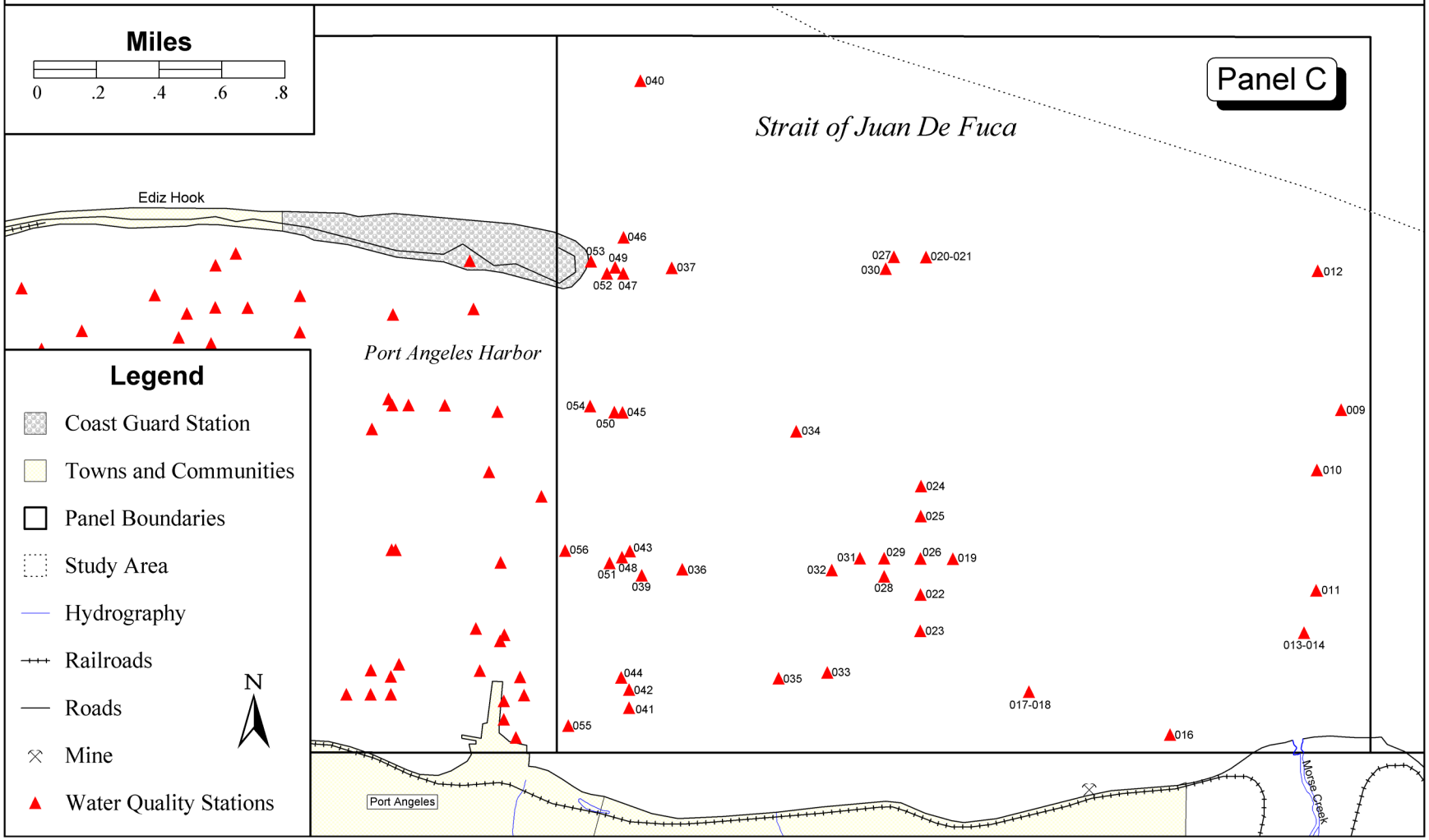
Olympic National Park

Water Quality Monitoring Locations



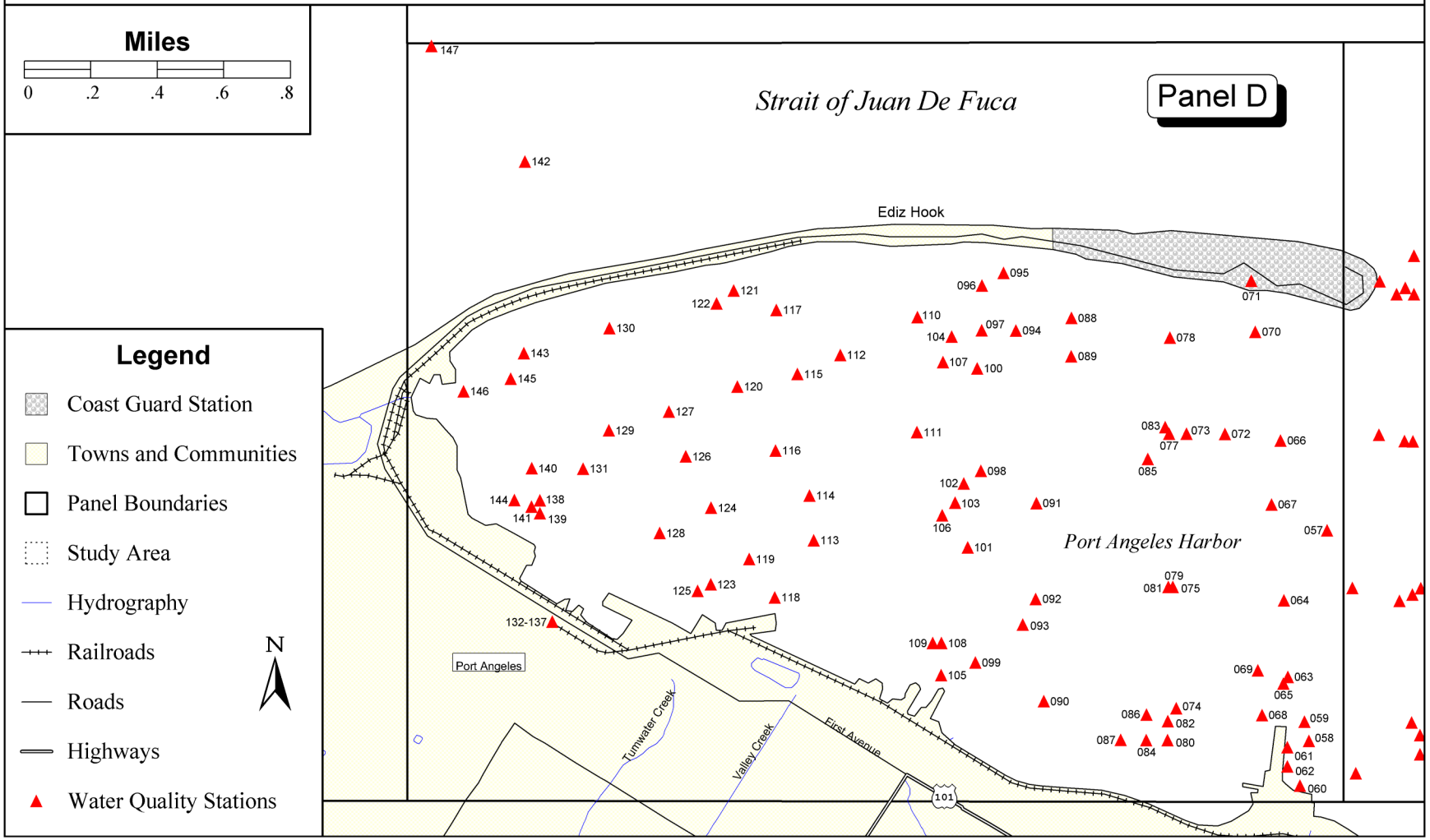
Olympic National Park

Water Quality Monitoring Locations



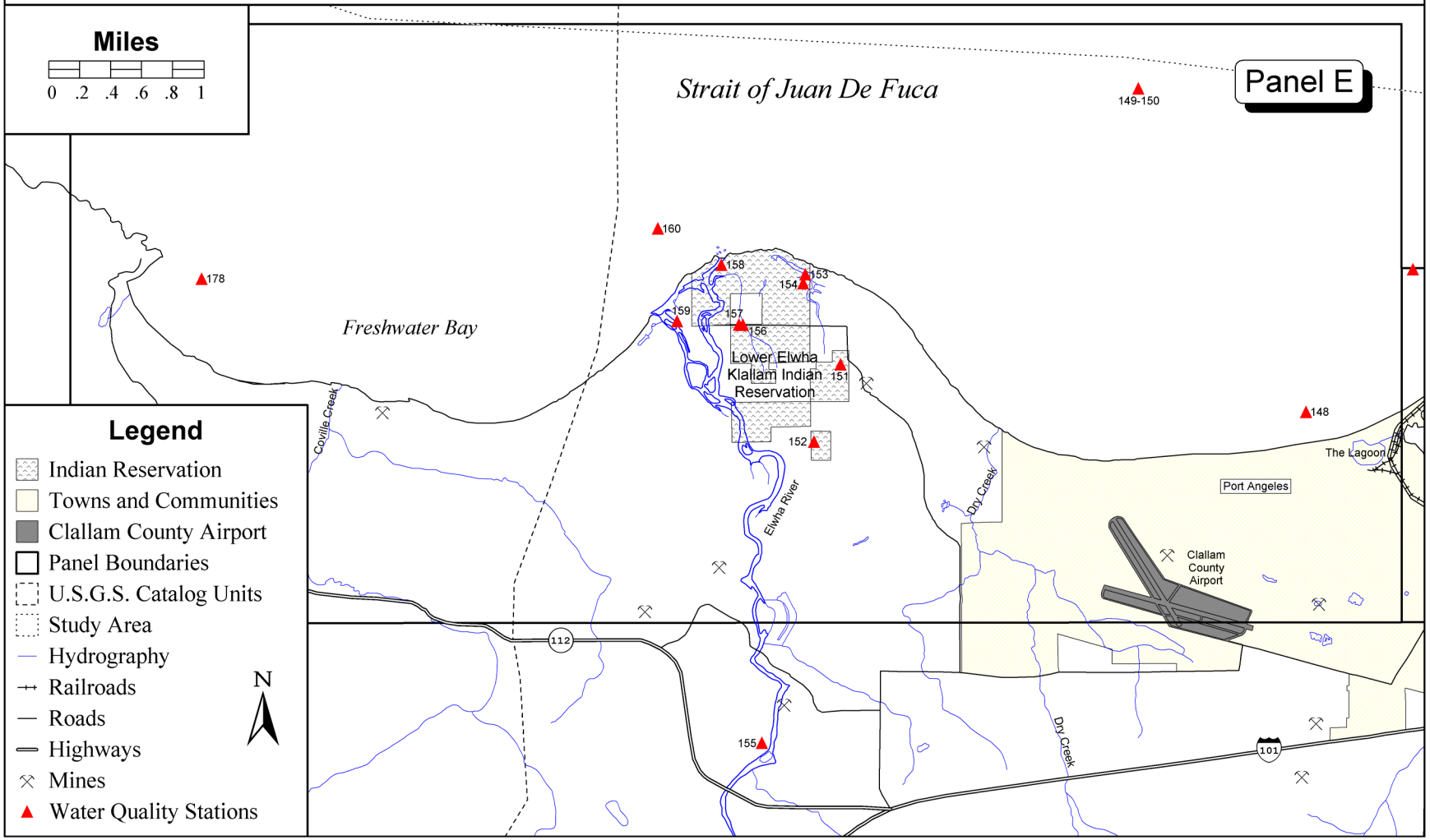
Olympic National Park

Water Quality Monitoring Locations



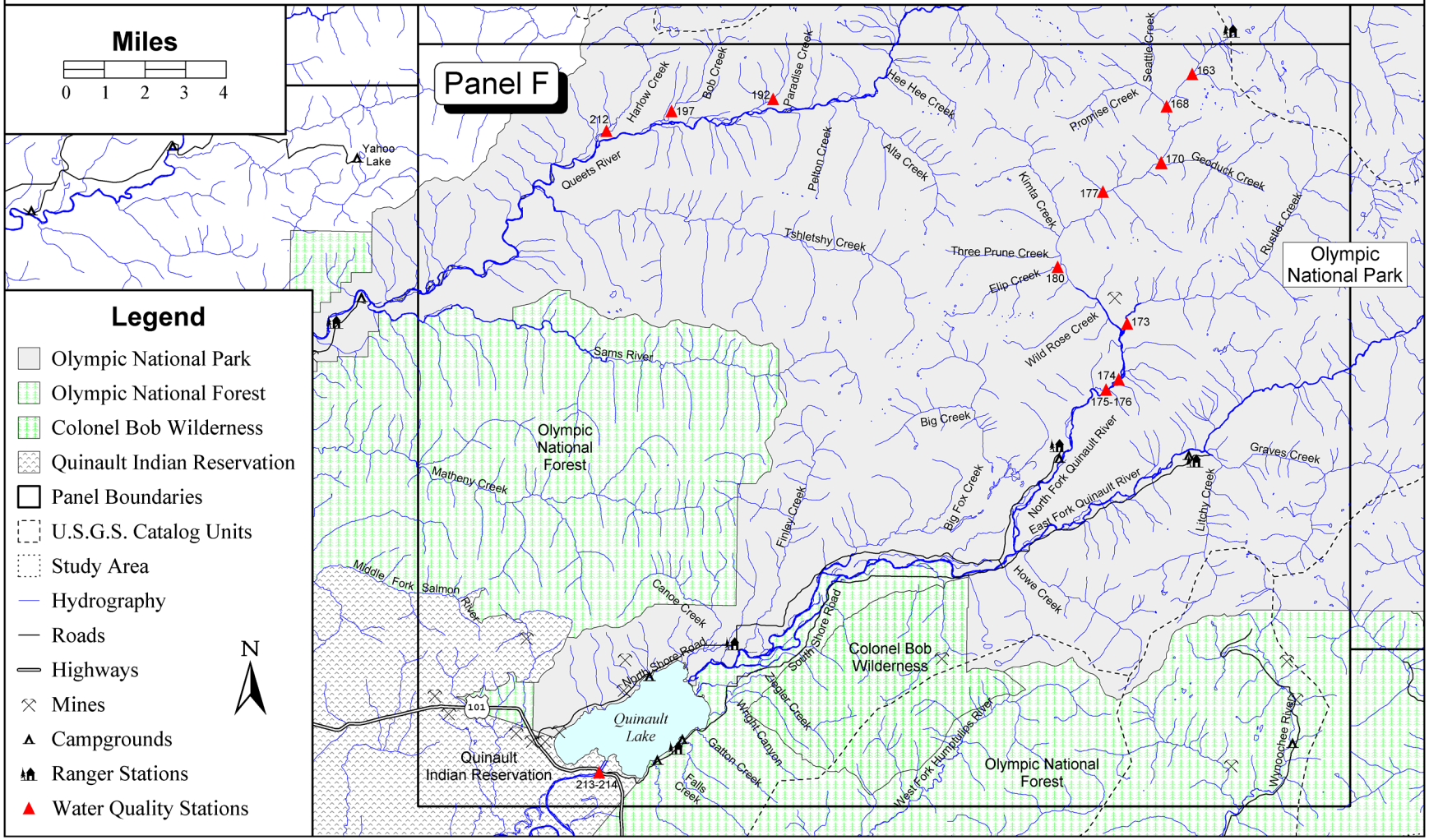
Olympic National Park

Water Quality Monitoring Locations



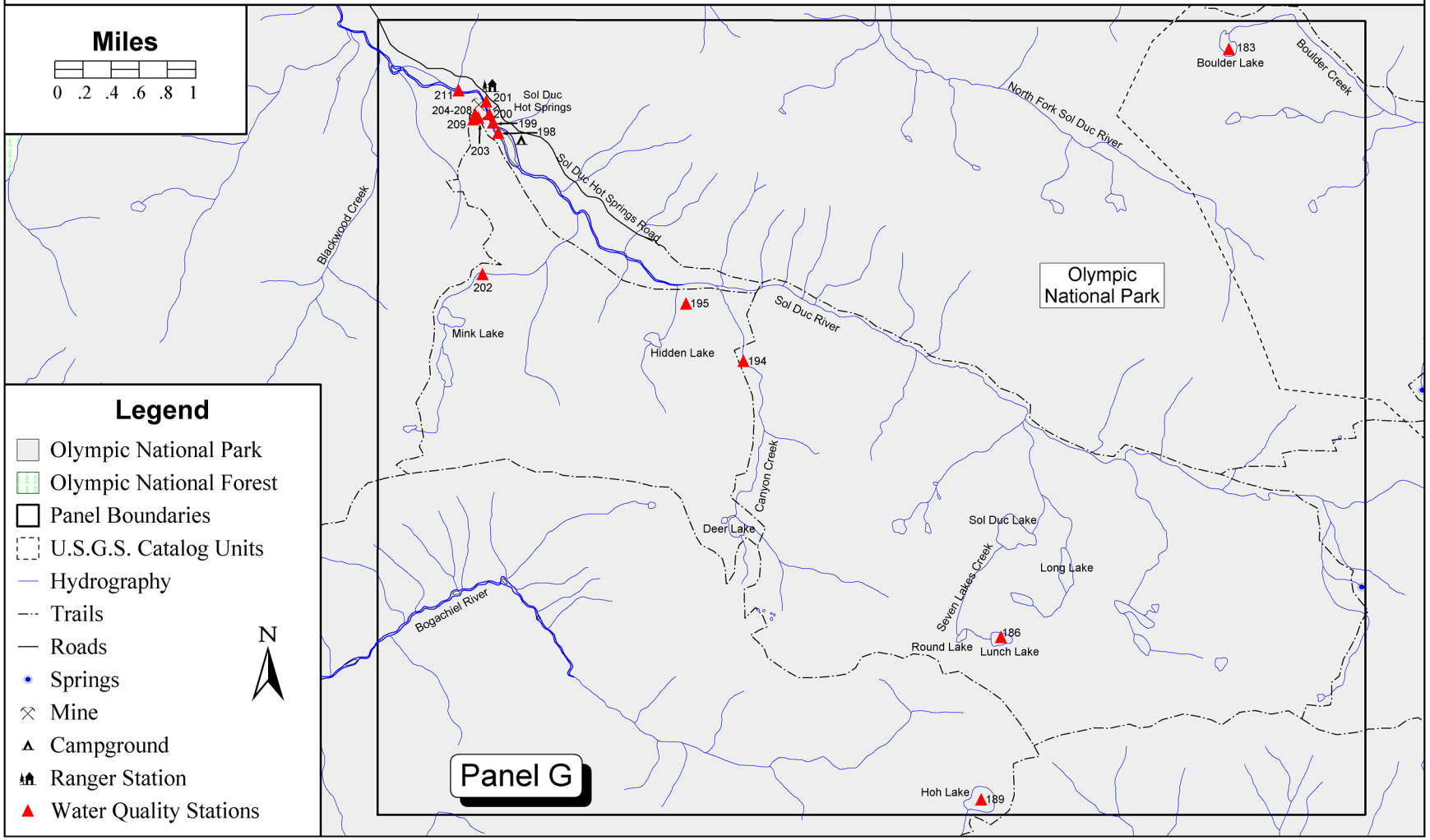
Olympic National Park

Water Quality Monitoring Locations



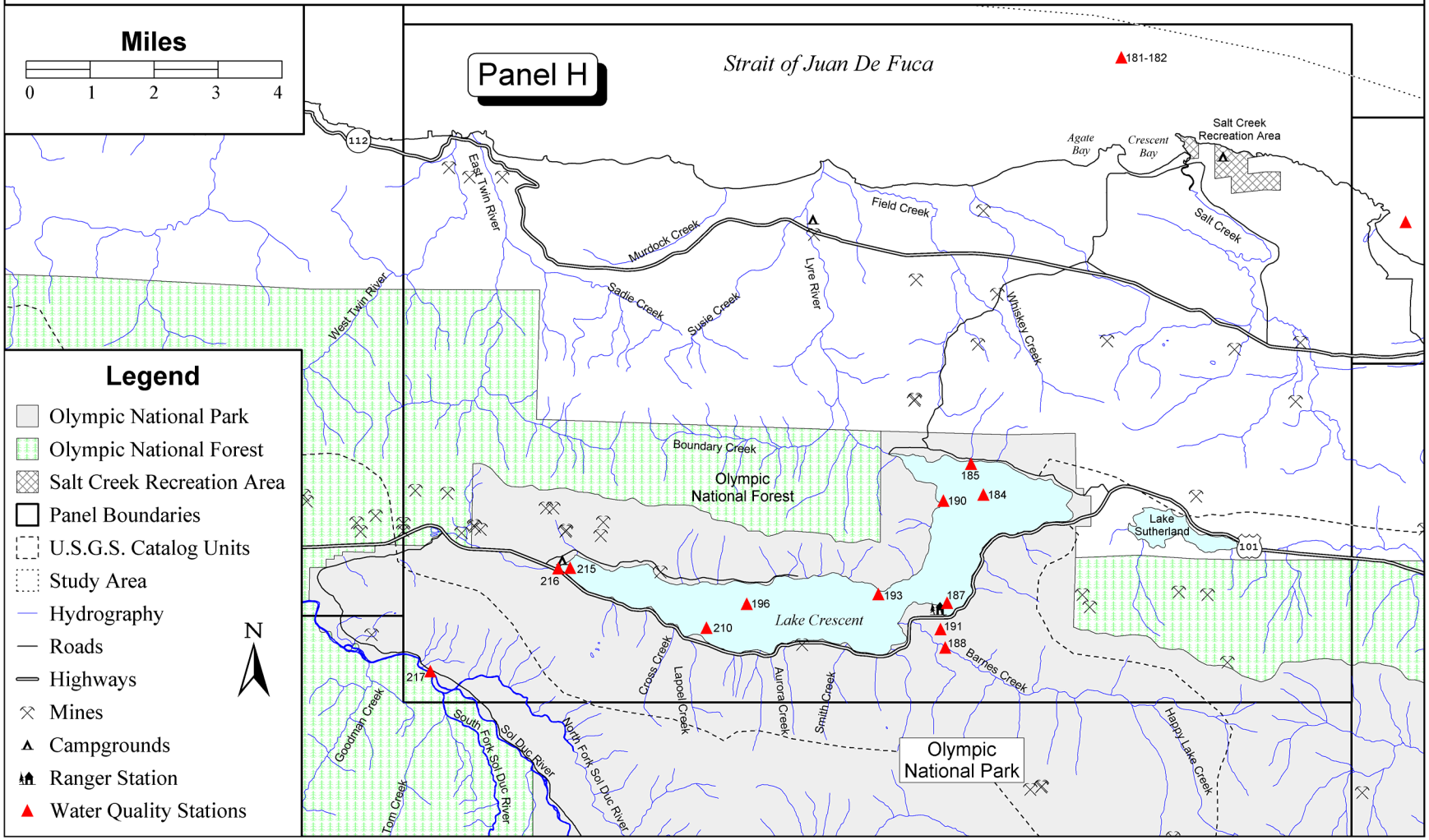
Olympic National Park

Water Quality Monitoring Locations



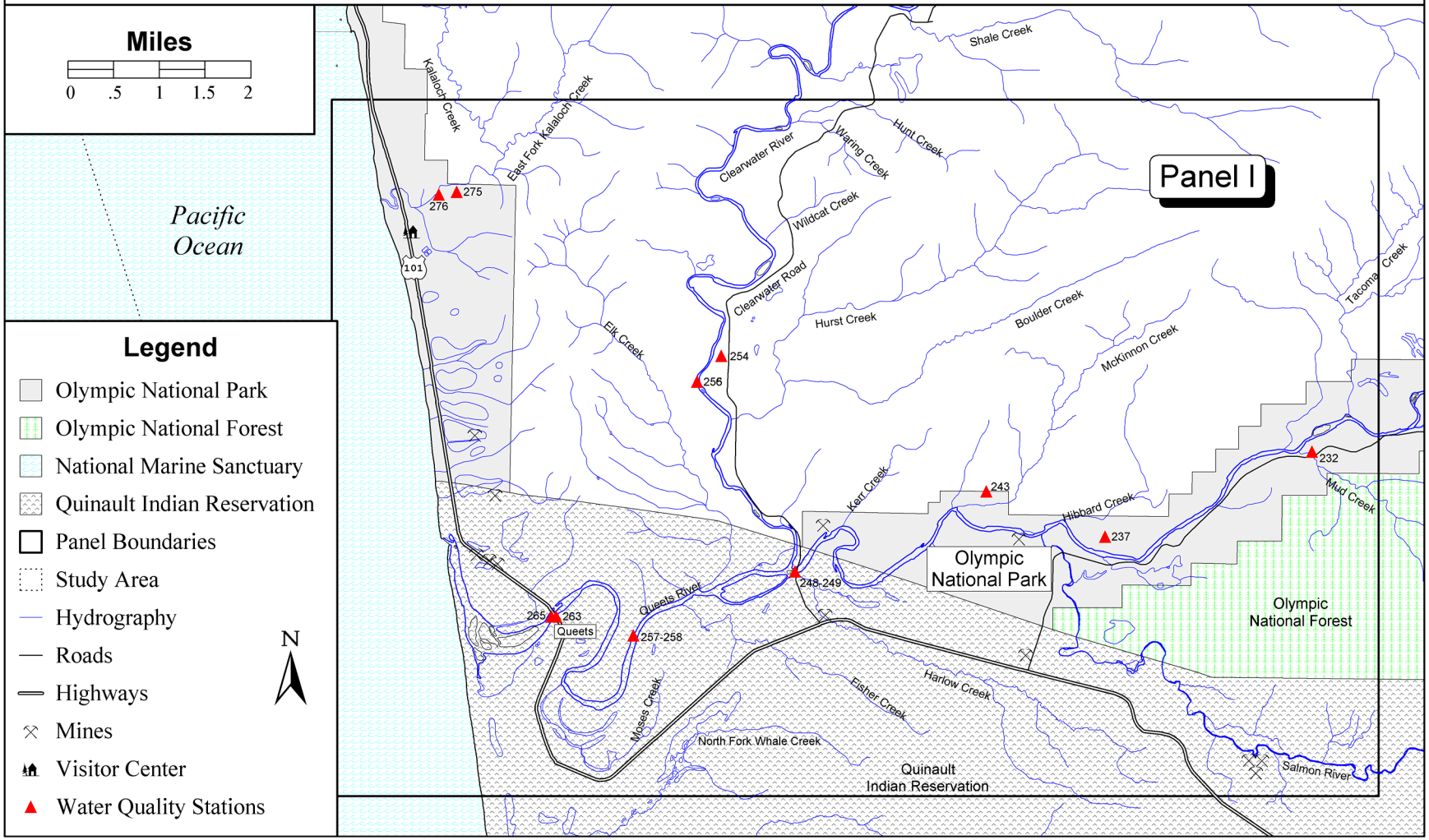
Olympic National Park

Water Quality Monitoring Locations



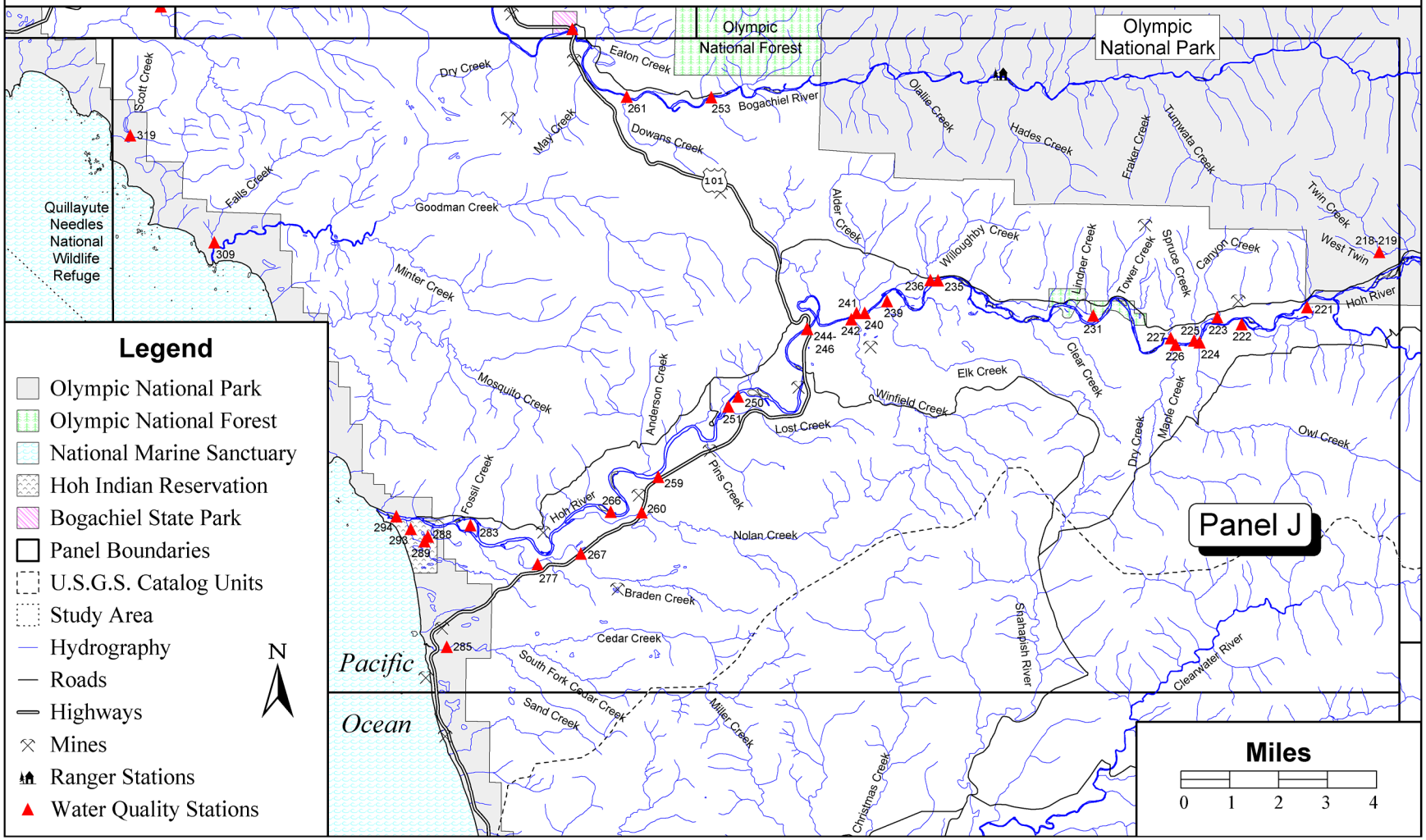
Olympic National Park

Water Quality Monitoring Locations



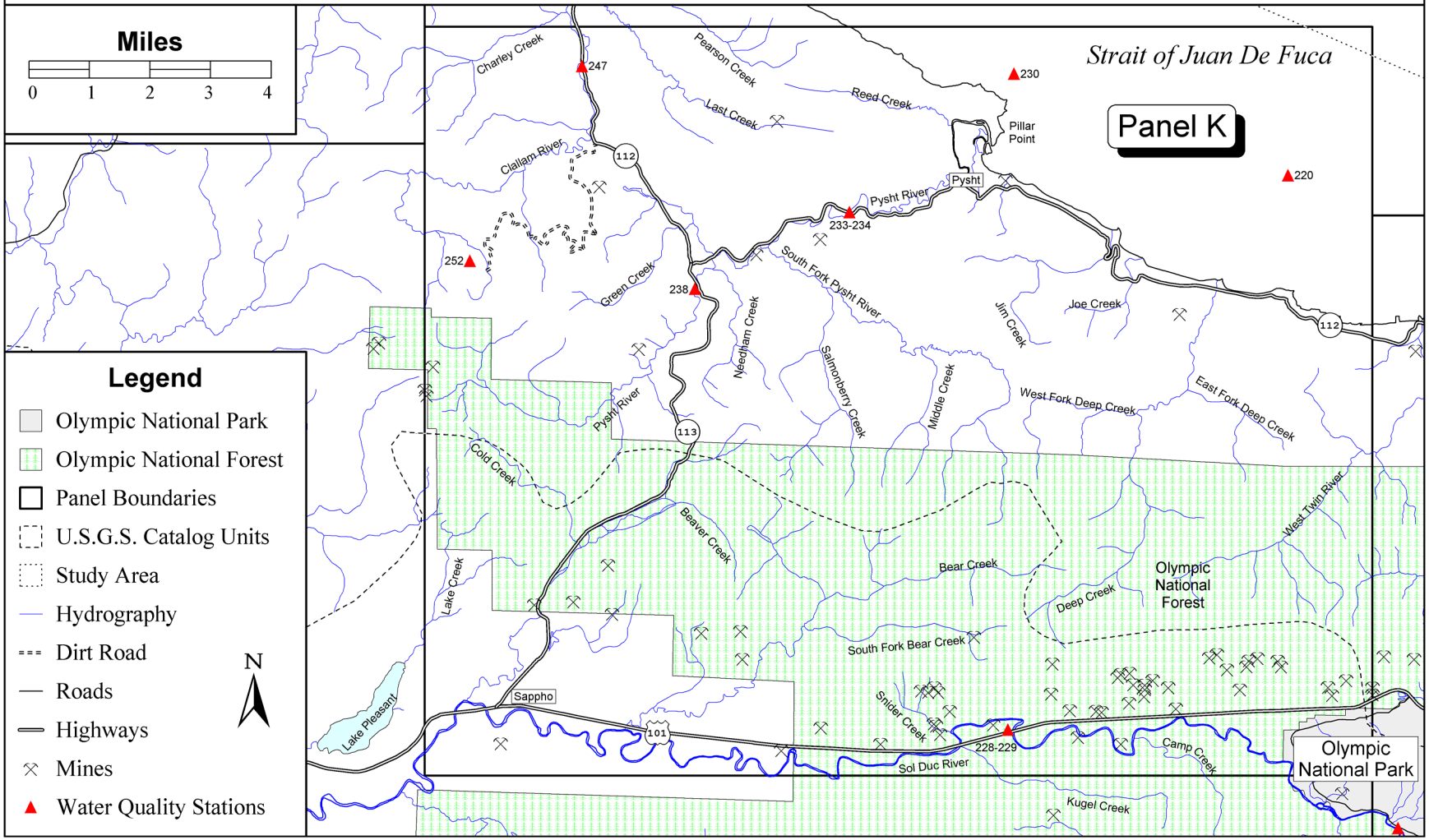
Olympic National Park

Water Quality Monitoring Locations



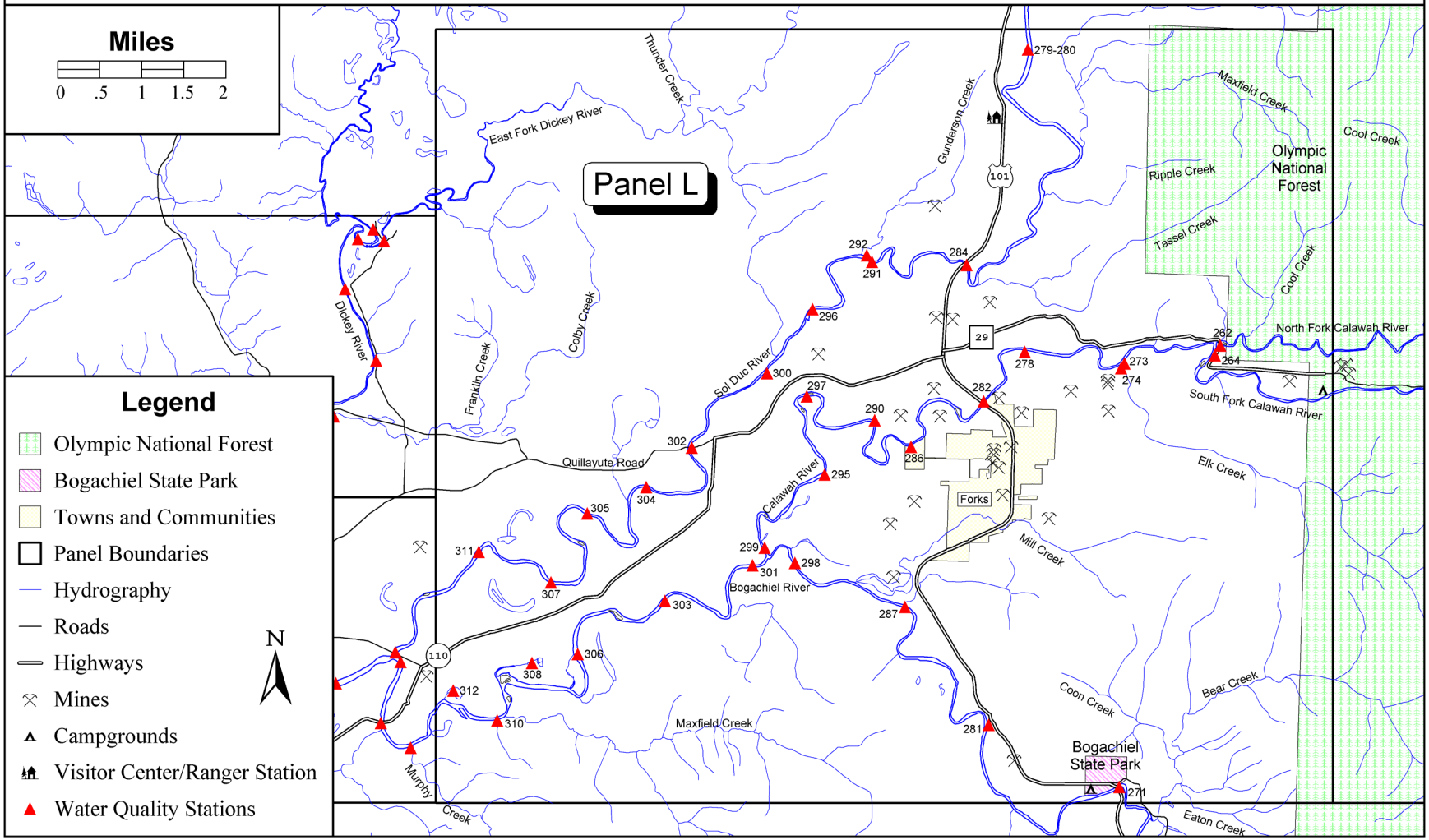
Olympic National Park

Water Quality Monitoring Locations



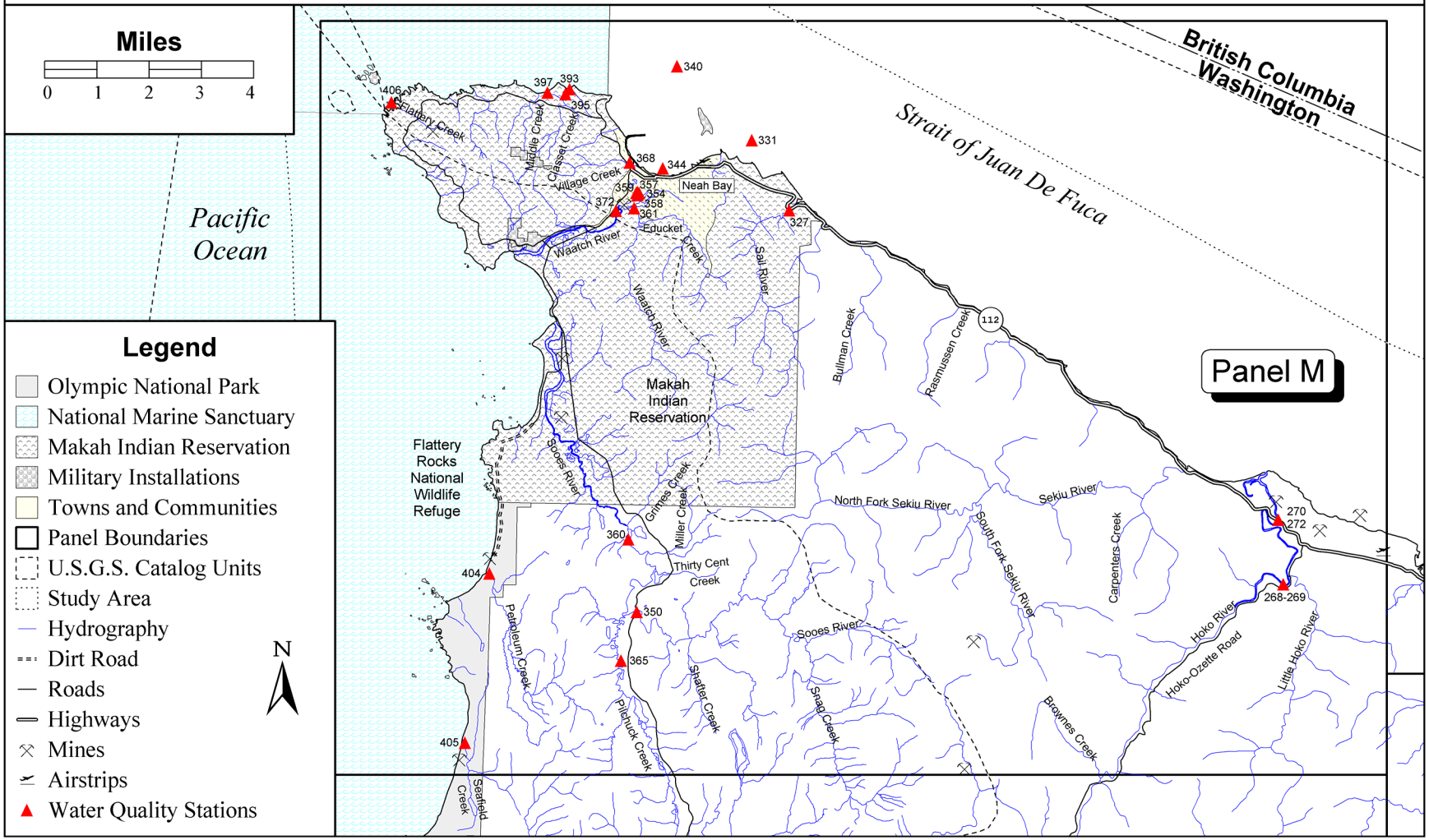
Olympic National Park

Water Quality Monitoring Locations



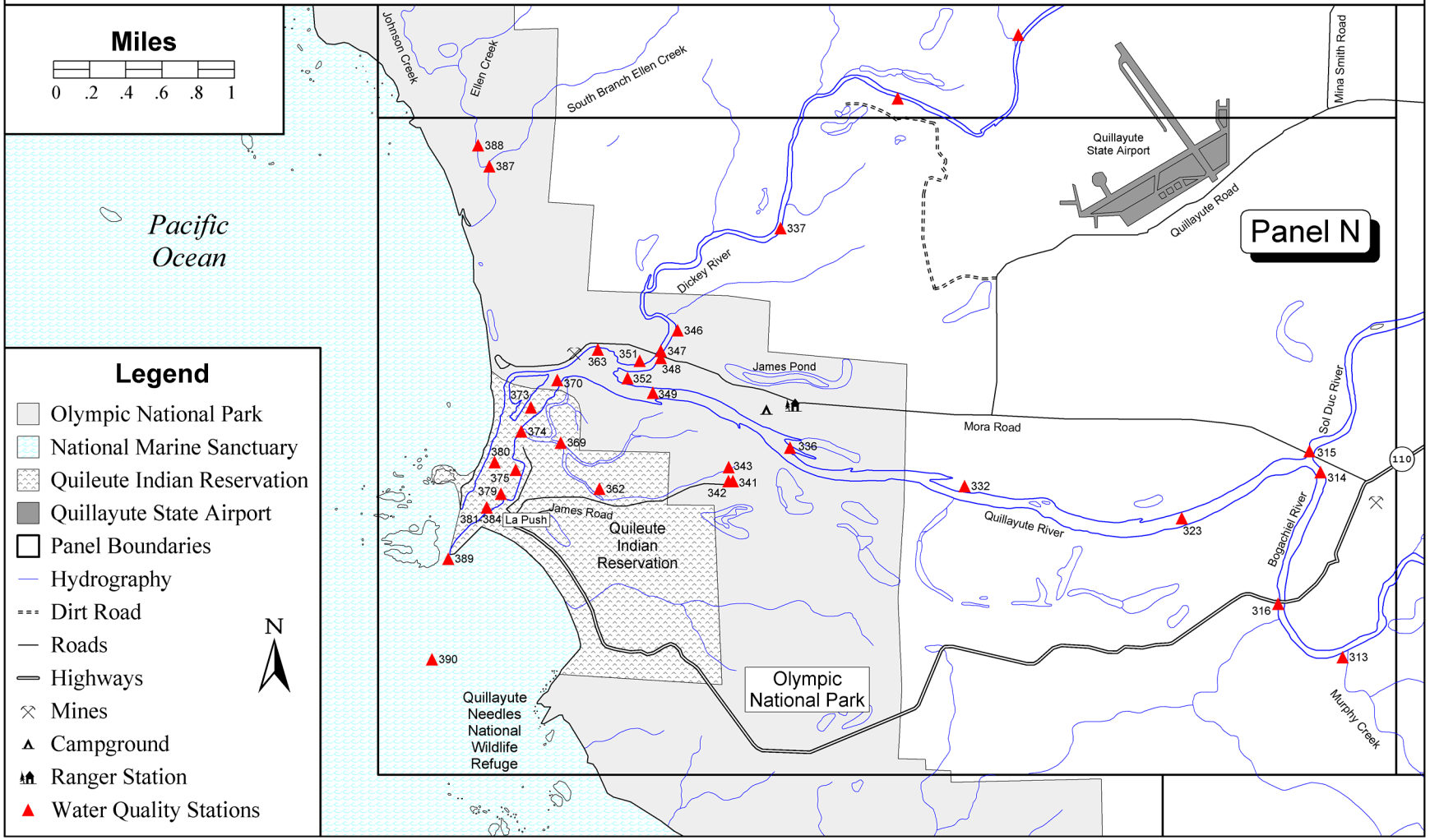
Olympic National Park

Water Quality Monitoring Locations



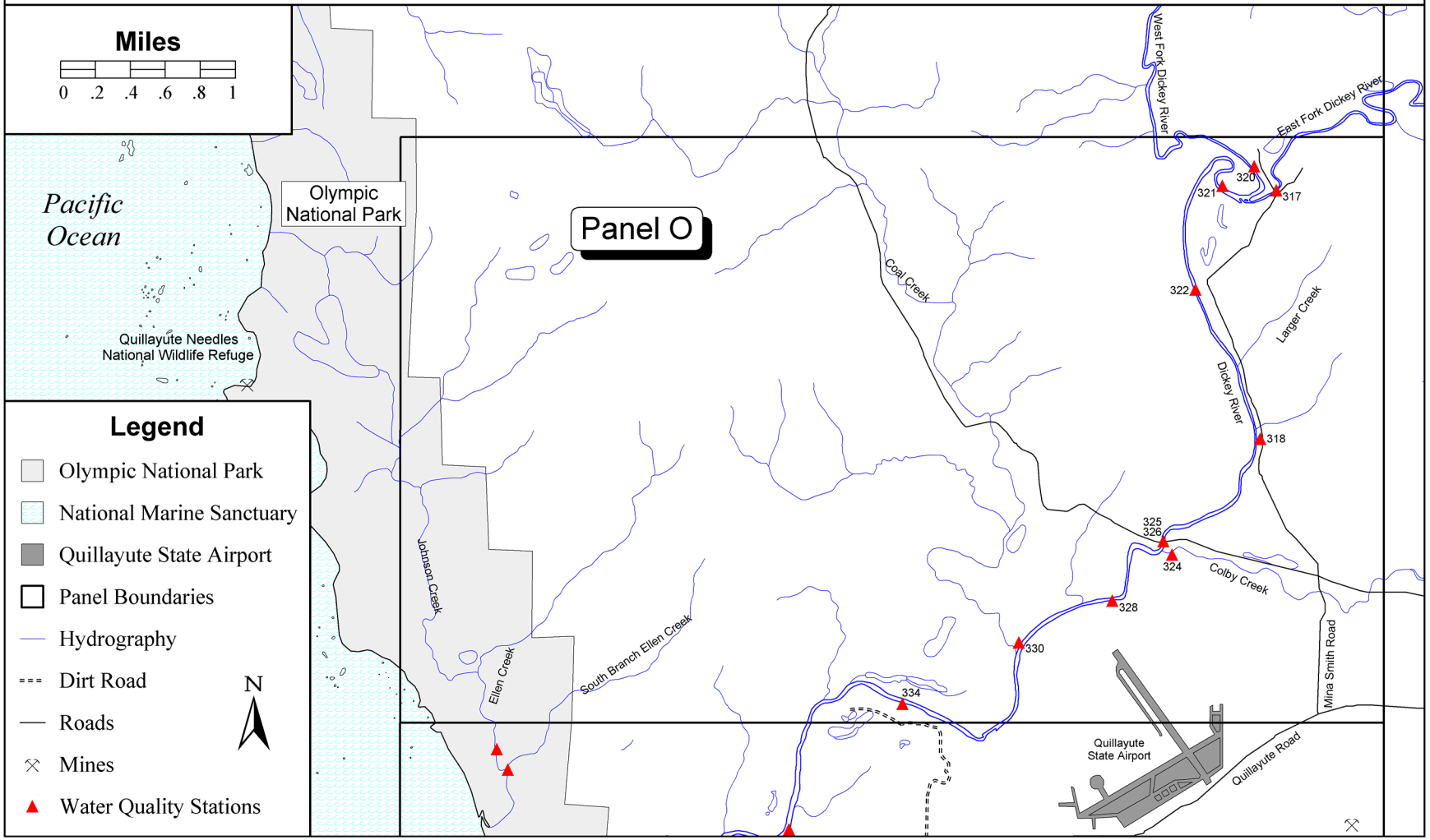
Olympic National Park

Water Quality Monitoring Locations



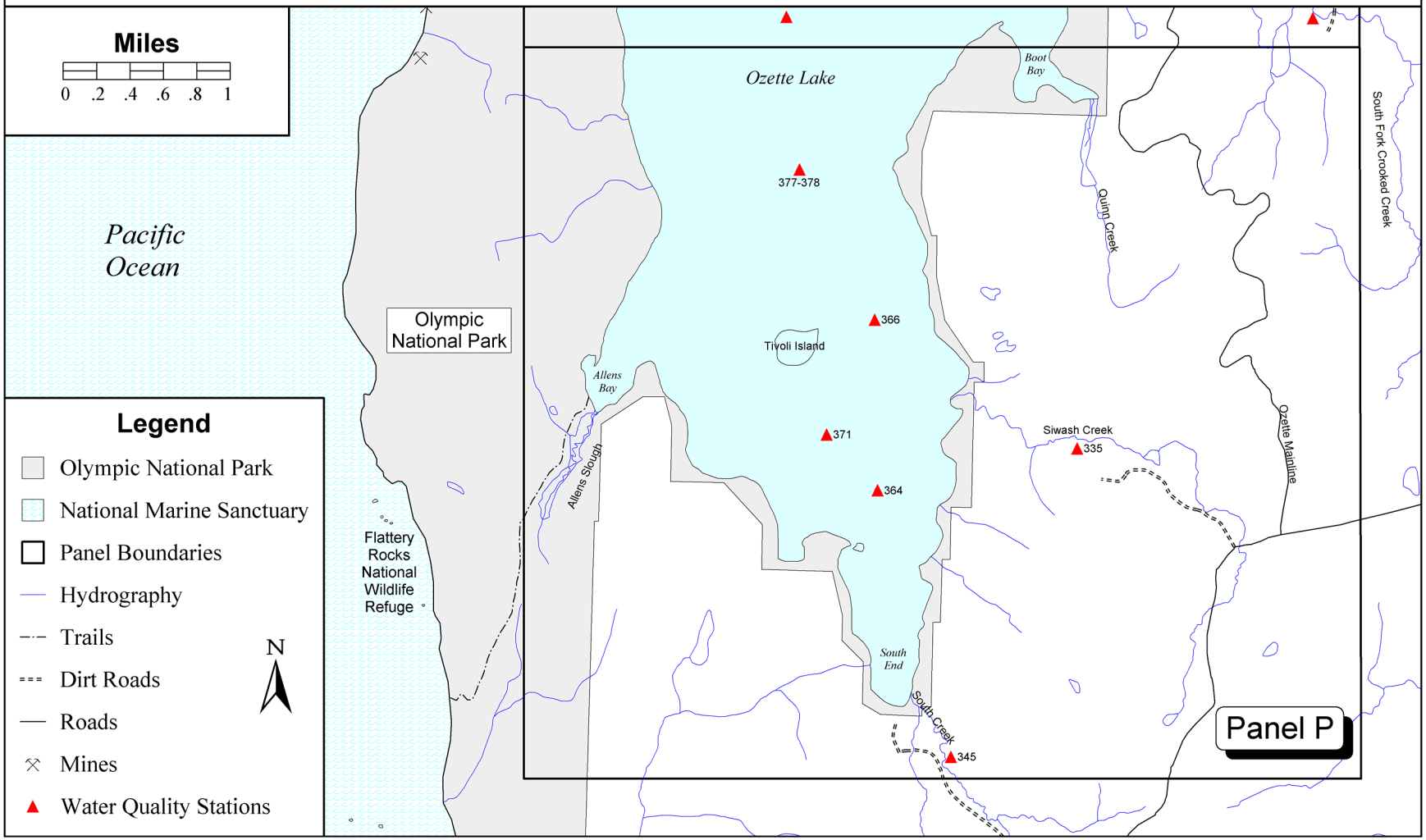
Olympic National Park

Water Quality Monitoring Locations



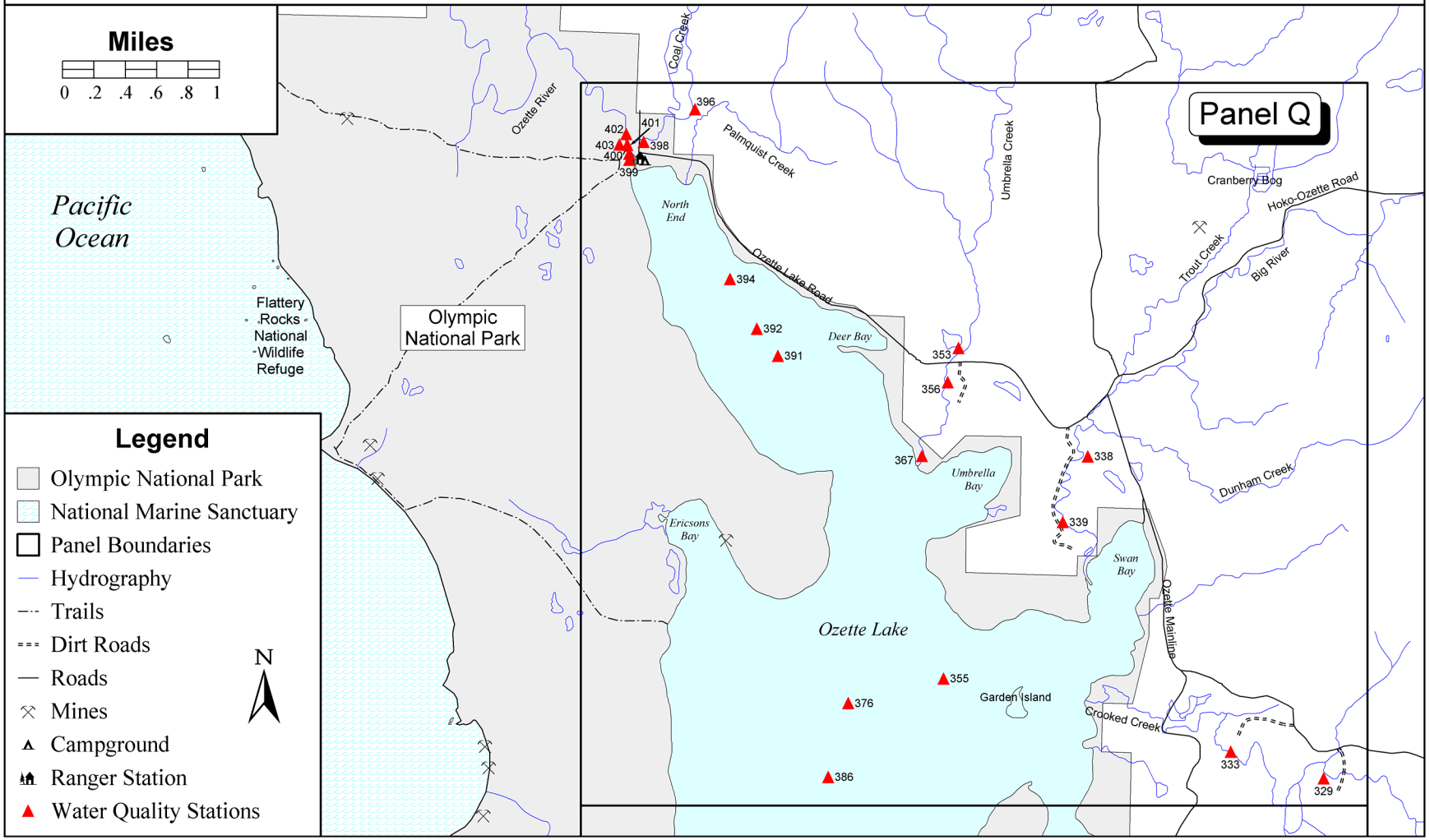
Olympic National Park

Water Quality Monitoring Locations



Olympic National Park

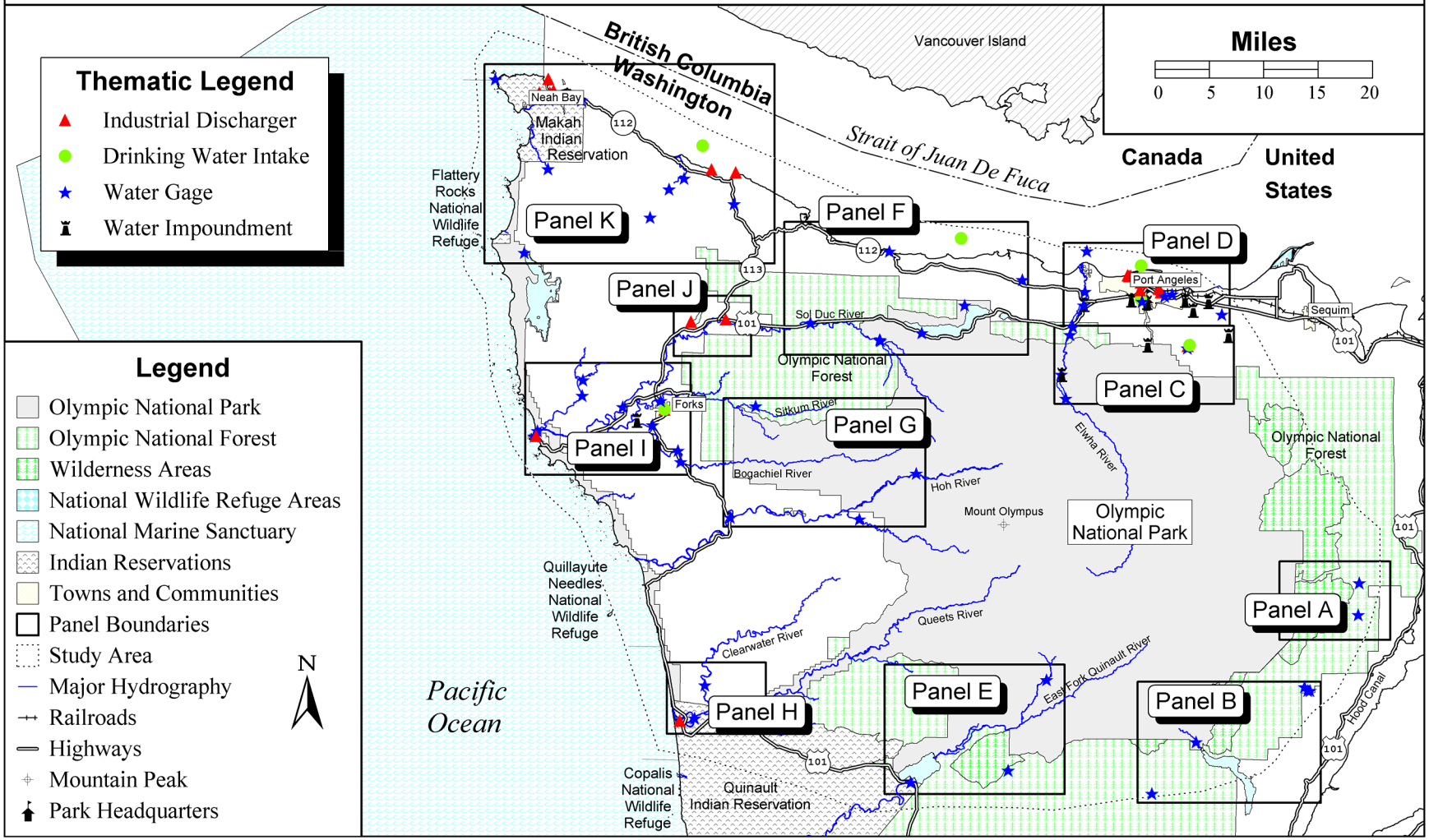
Water Quality Monitoring Locations



Olympic National Park

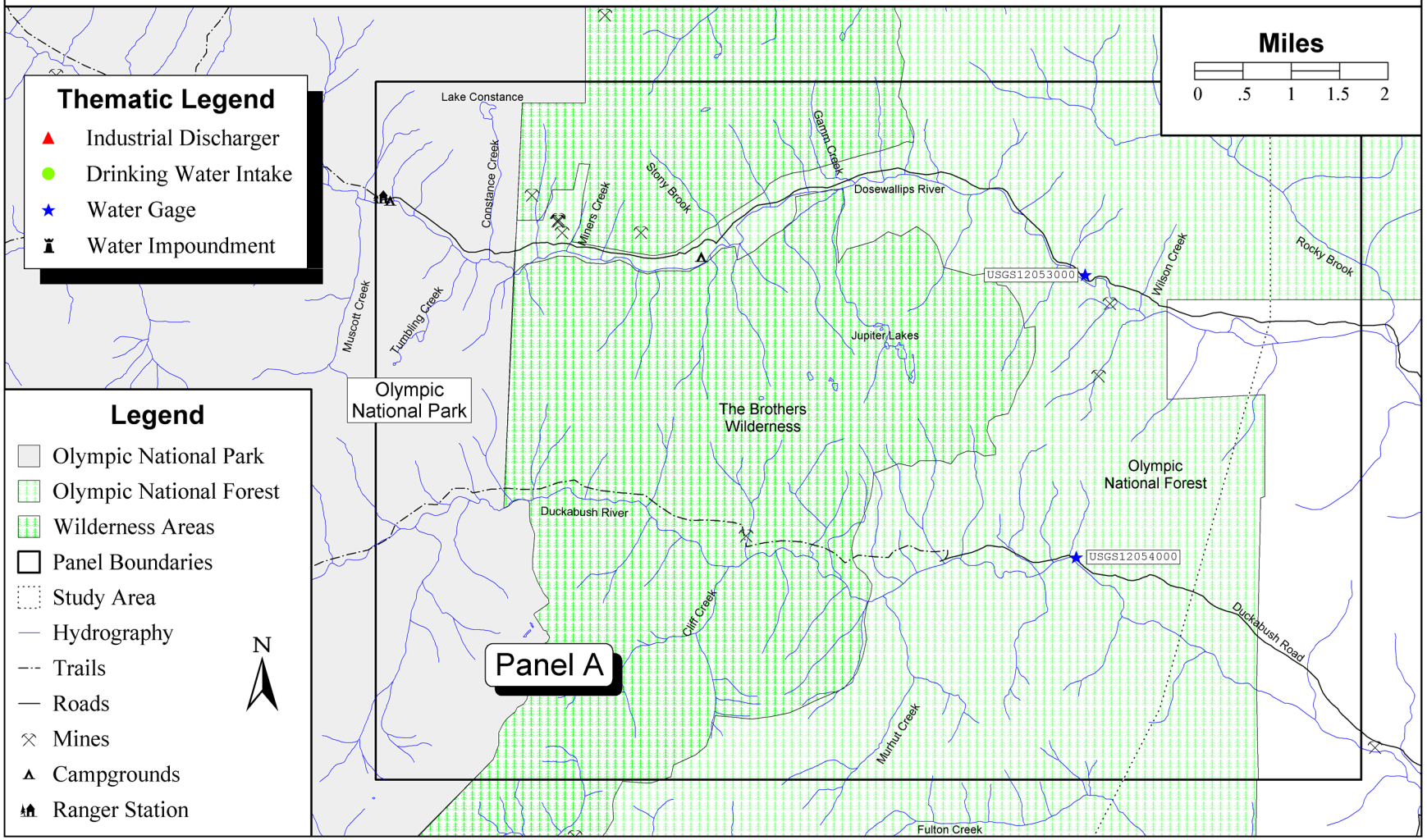
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



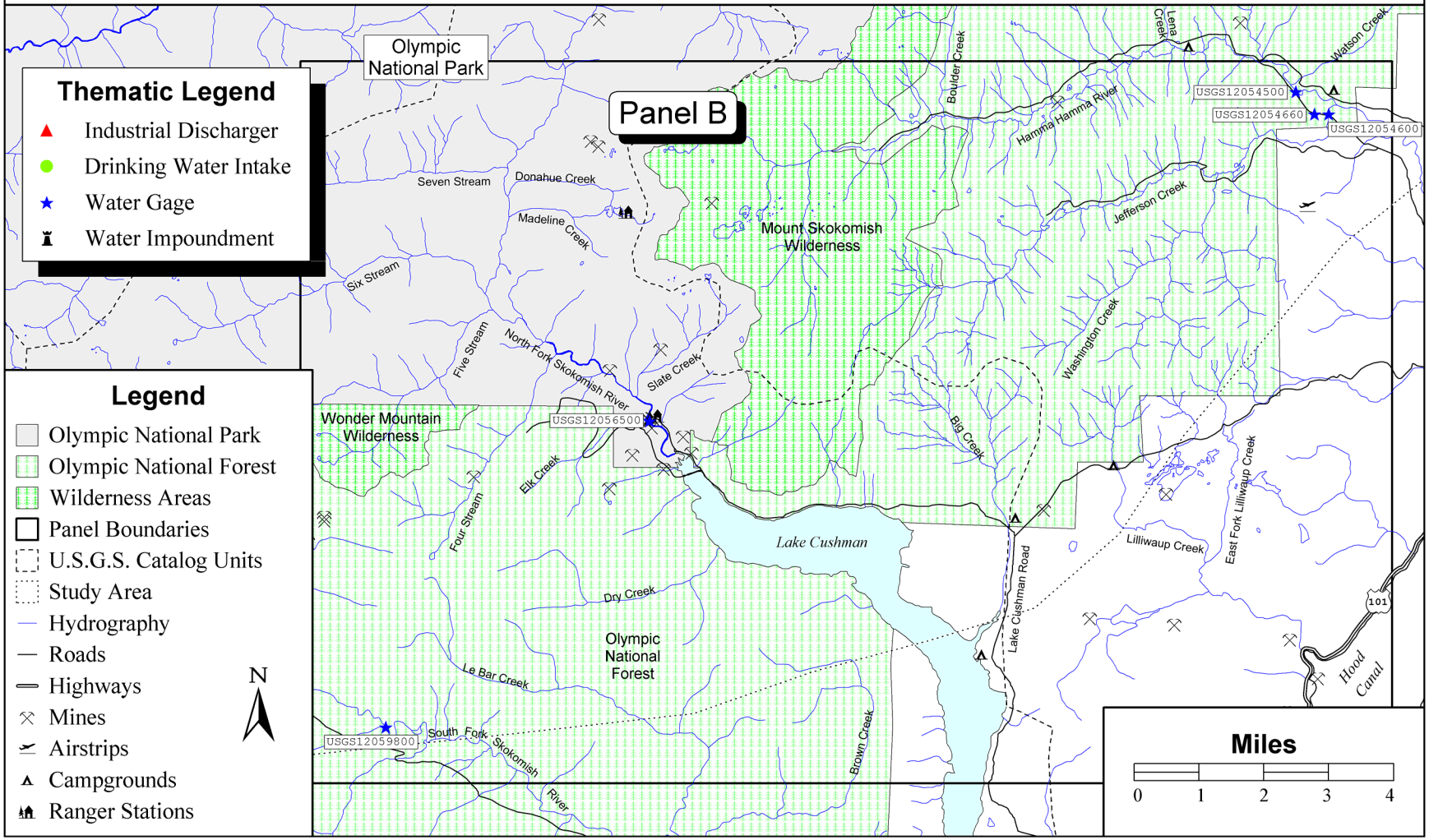
Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



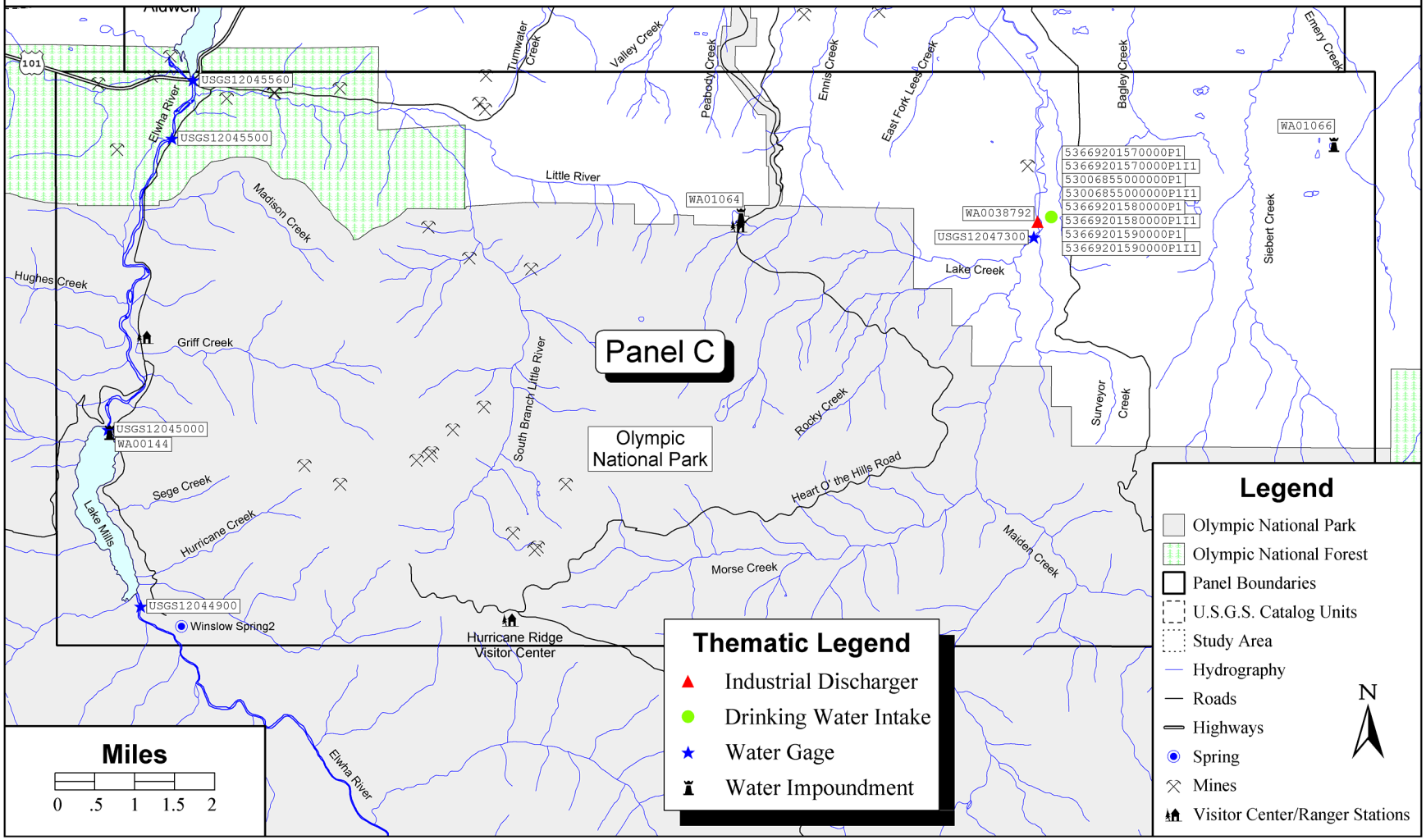
Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



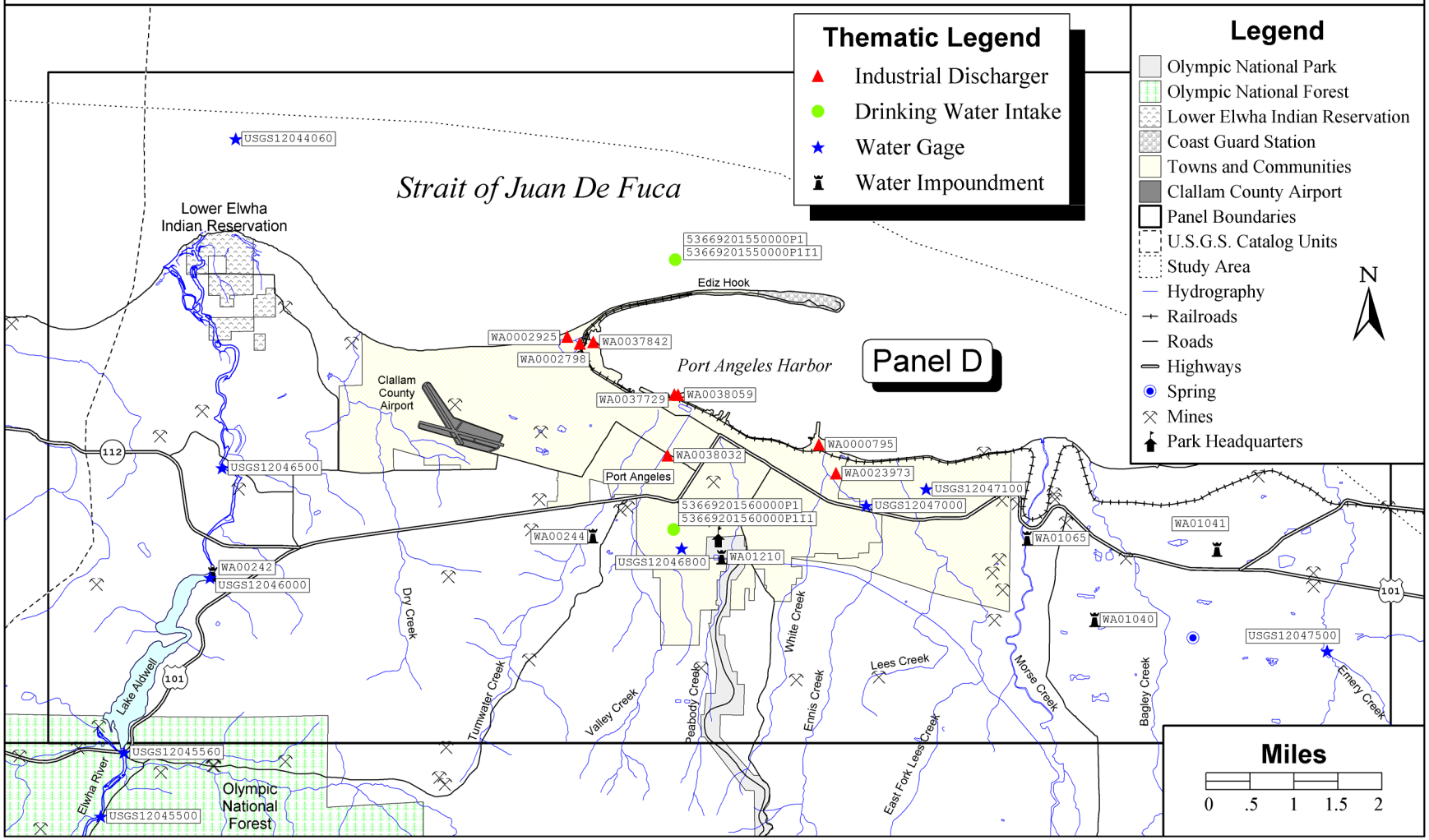
Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



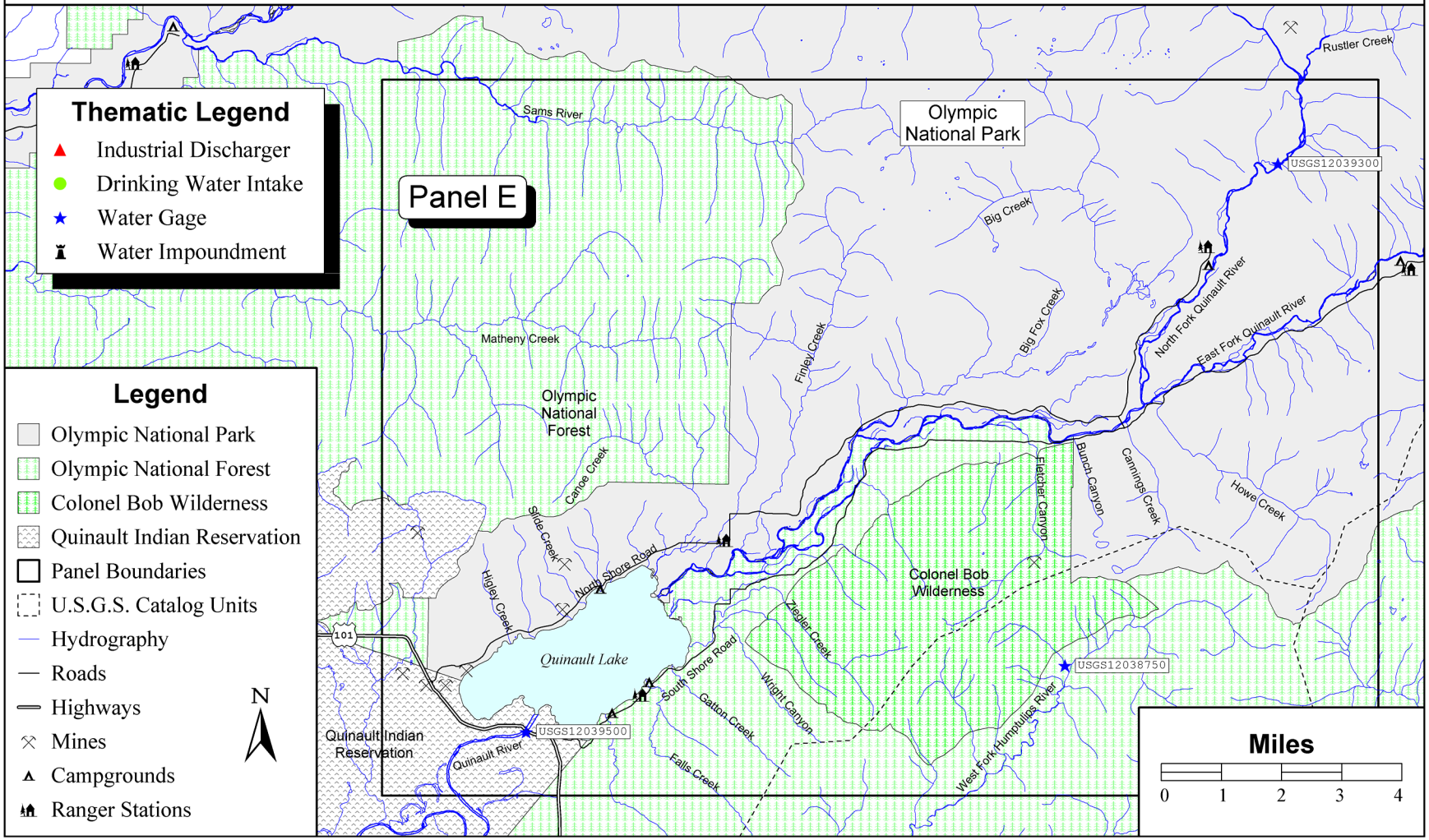
Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



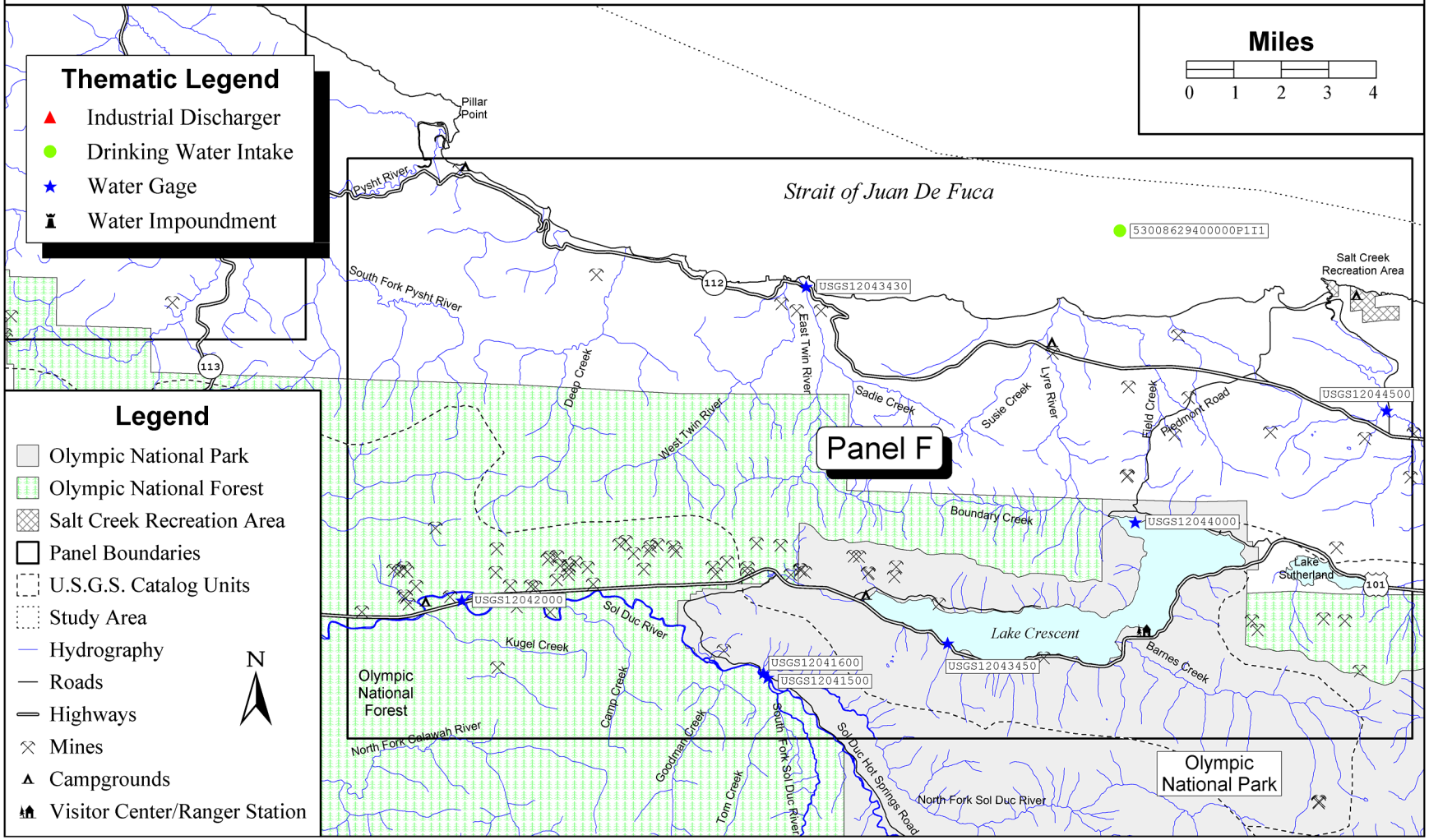
Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



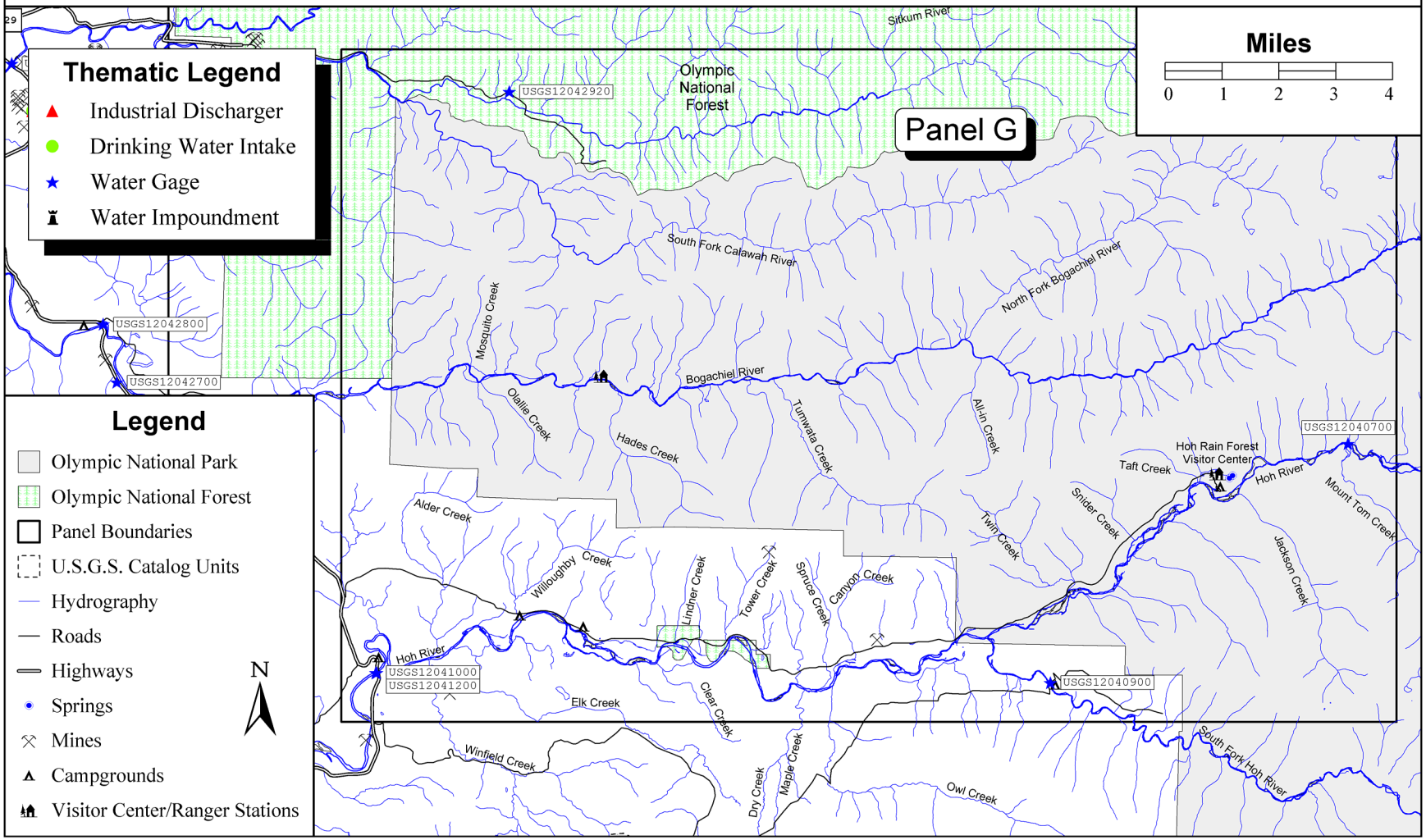
Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



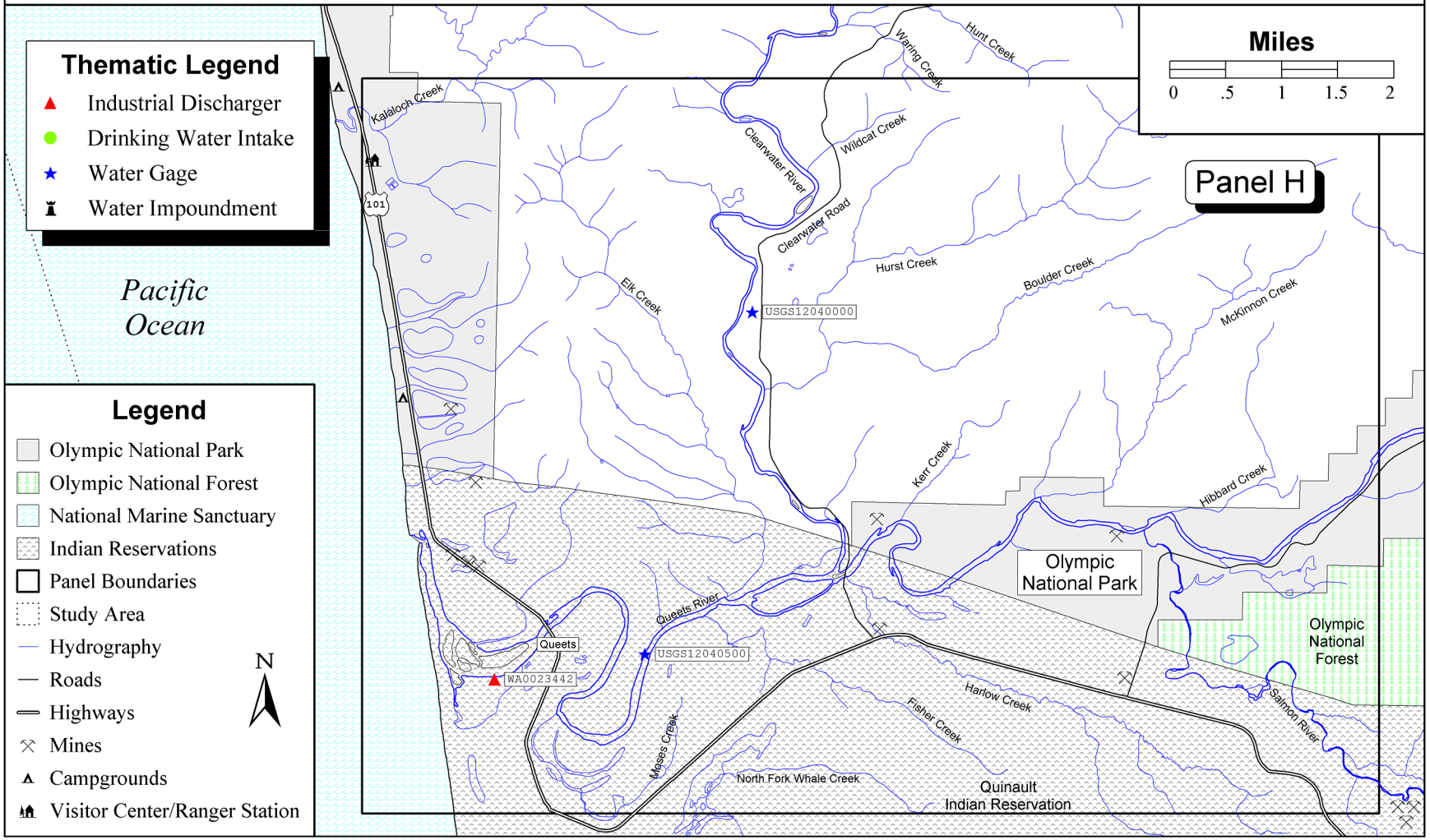
Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



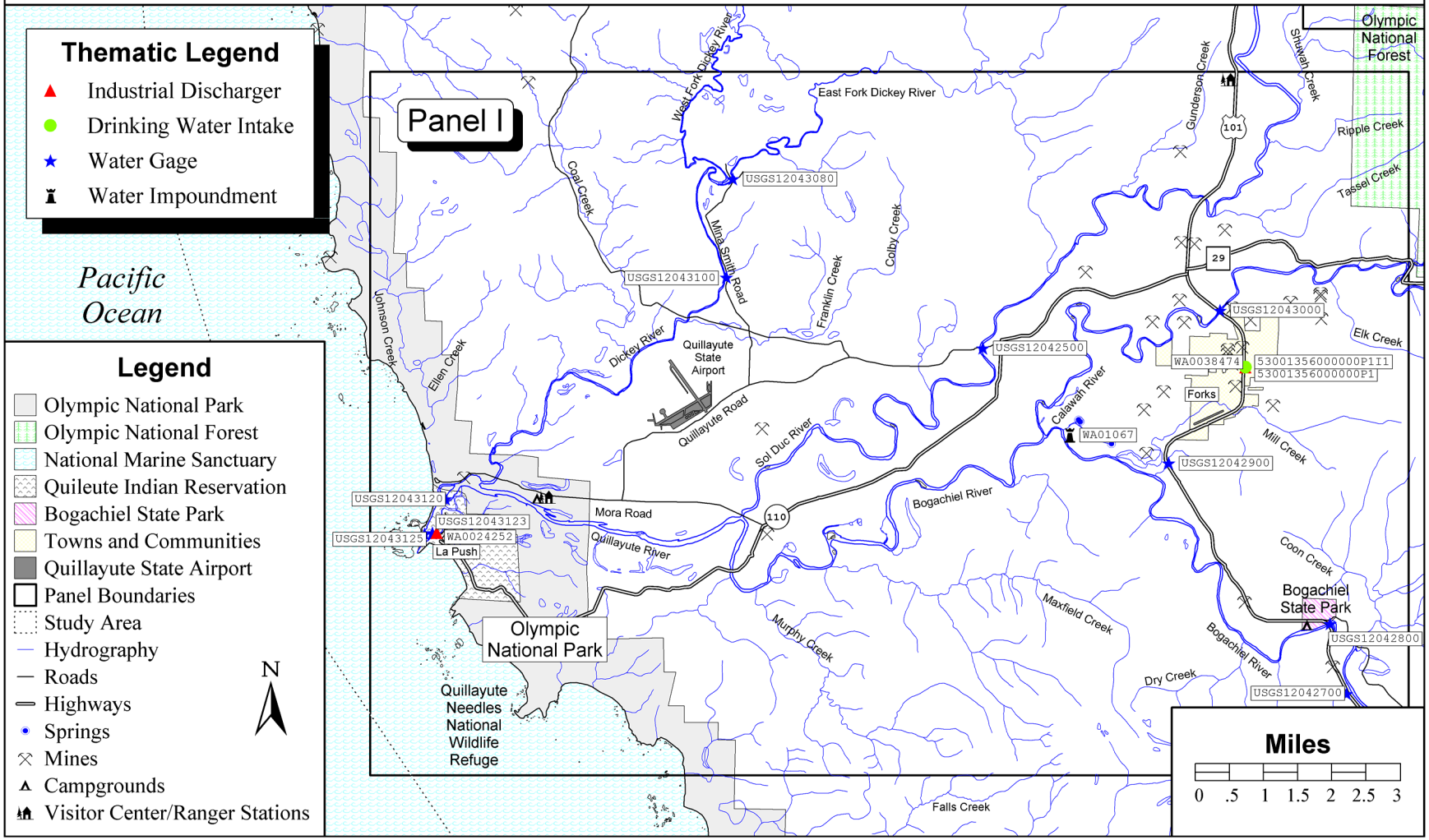
Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



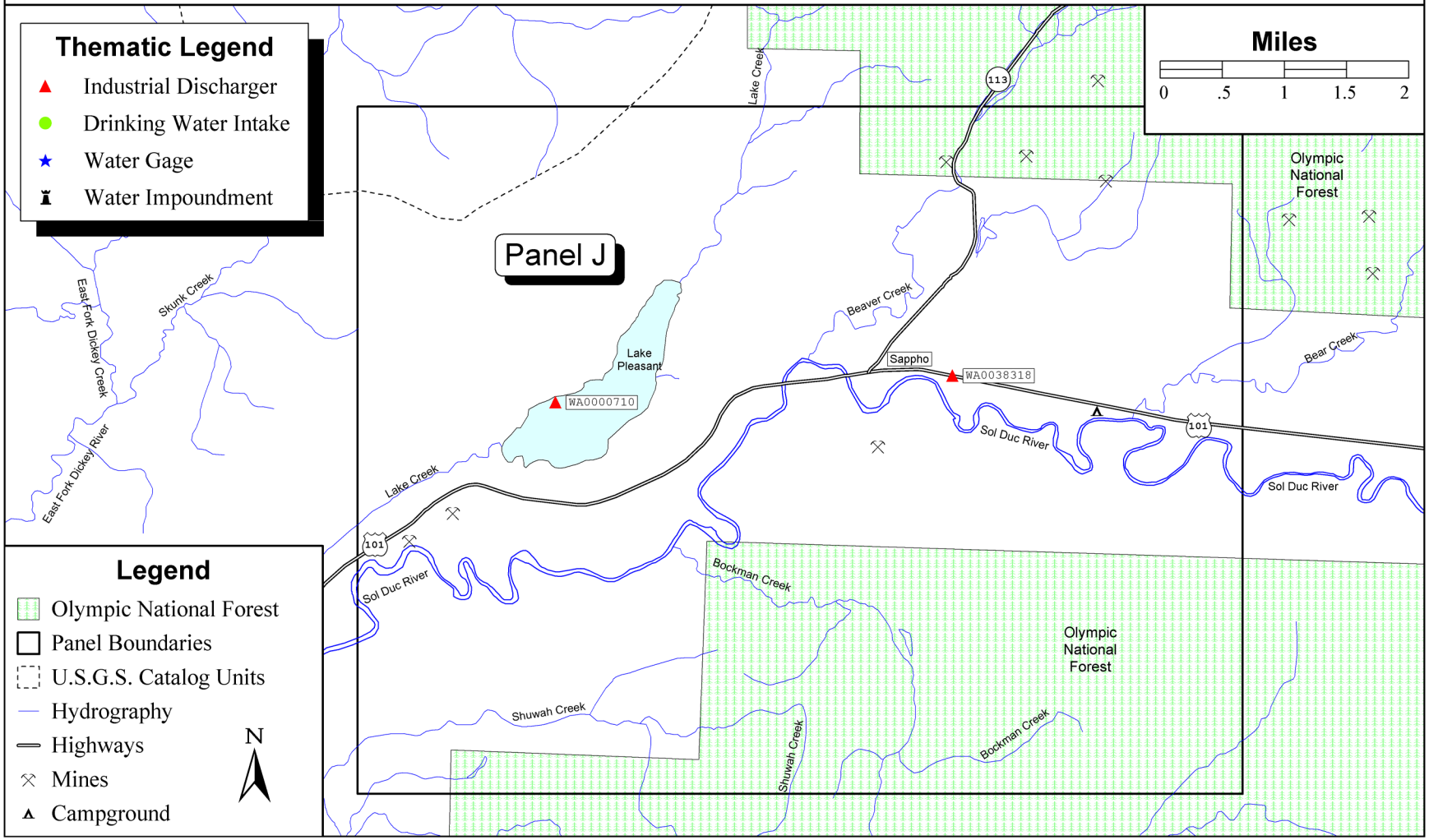
Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



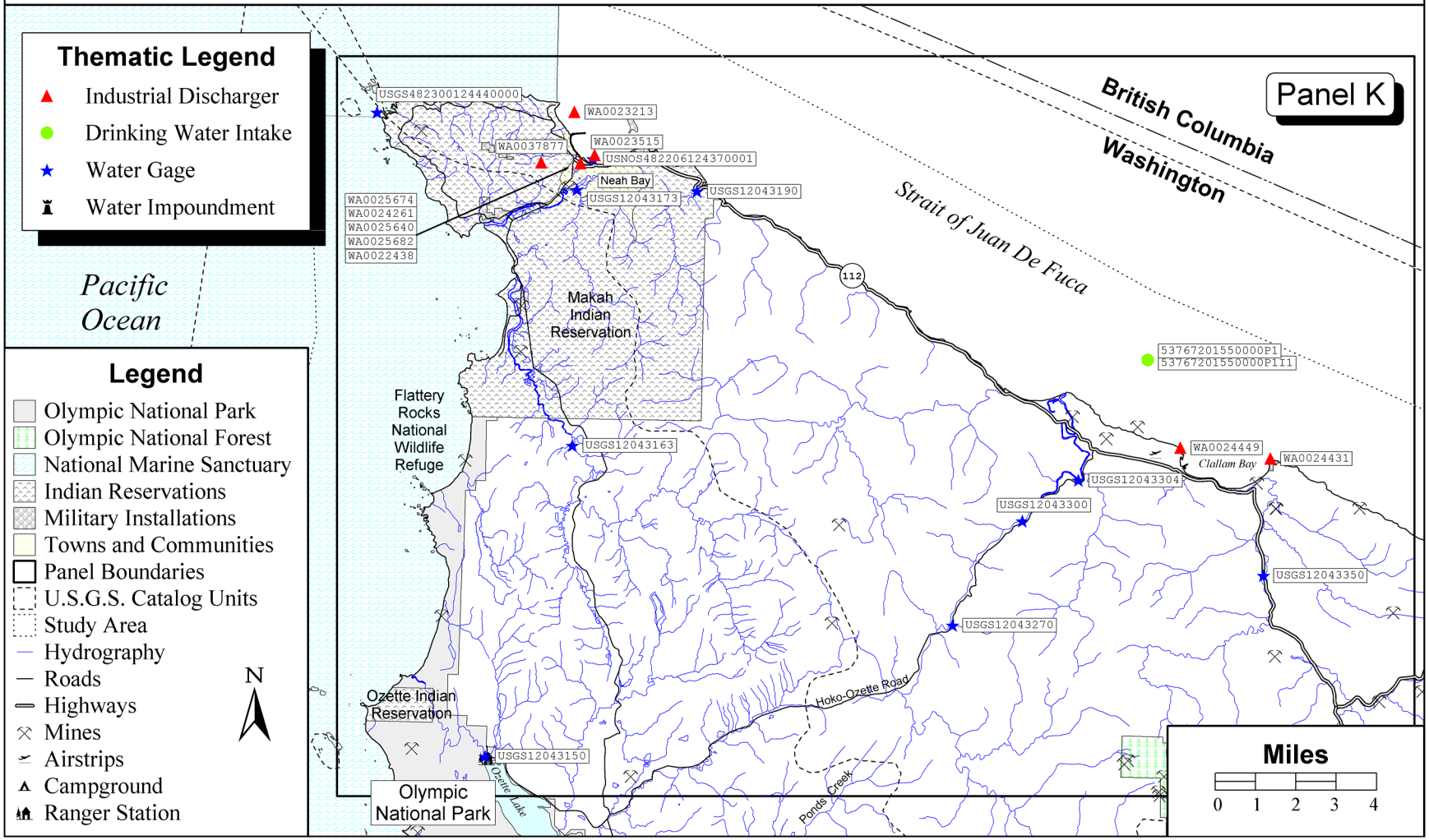
Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Olympic National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
WA0000710	SMITH, M.R., SHINGLE CO.	.....	BEAVER	E LK PLEASANT
WA0000795	ITT RAYONIER PORT ANGELES	BOX 191	PORT ANGELES	PORT ANGELES HBR
WA0002798	PORT ANGELES, CITY OF	140 W. FRONT ST	PORT ANGELES	PORT ANGELES HBR
WA0002925	CROWN ZELLERBACH PORT ANGELES	.....	PORT ANGELES	STT OF JUAN DE FUCA
WA0022438	DEFENSE, AIR FORCE	758TH RADAR SQUADRON	NEAH BAY	
WA0023213	IND MAKAH INDIAN TRIBE	MAKAH INDIAN RESERVATION	NEAH BAY	NEAH BAY
WA0023442	IND QUINALT IND TRIBE QUEETS V	.....	CLEARWATER	QUEETS R
WA0023515	POINT ADAMS PACKING CO. (NEAH	.....	NEAH BAY	NEAH BAY
WA0023973	PORT ANGELES, CITY OF	321 EAST 5TH	PORT ANGELES	PORT ANGELES HBR
WA0024252	TRANSPORTATION, COAST GUARD	C/O USCG AIR STATION	LAPUSH	
WA0024261	TRANSPORTATION, COAST GUARD	C!O USCG AIR STATION PORT	NEAH BAY	
WA0024431	CLALLUM BAY TREATMENT PLANT (P	319 S LINCOLN	CLALLAM BAY	STT OF JUAN DE FUCA
WA0024449	SEKIU SEWAGE TREATMENT PLANT	.....	SEKIU	STT OF JUAN DE FUCA
WA0024465	INTERIOR,NATIONAL PARK SERVICE		PORT ANGELES	
WA0025640	MAKAH FISHERIES COMMUNITY	P.O. BOX 115	NEAH BAY	
WA0025674	INTERIOR, FISH & WILDLIFE	PO BOX 730	NEAH BAY	SOOES RIVER
WA0025682	INTERIOR, FISH & WILDLIFE	PO BOX 538	NEAH BAY	SOOES RIVER
WA0037729	PRESSURE MATIC, INC	635 MARINE DRIVE	PORT ANGELES	PORT ANGELES HBR
WA0037842	M & R TIMBER	BOX 30	PORT ANGELES	PT ANGELES HBR
WA0037877	BAY FISH CO. NEAH BAY	.....	NEAH BAY	NEAH BAY HBR
WA0038032	WA FISH (ELWHA SALMON)		PORT ANGELES	
WA0038059	ITT RAYONIER,INC. PENNINSULA P	439 MARINE DR	PORT ANGELES	PT ANGELES HBR
WA0038318	WA FISH (SOL DUC HTCY)		SAPPHO	
WA0038474	WA GAME (BOGACHIEL REAR POND)	600 N. CAPITOL WAY	FORKS	
WA0038792	PUD #1 CLALLUM COUNTY	BOX 951	PORT ANGELES	MORSE C

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
53001356000000P1	TREATMENT PLANT	FORKS	25	
53001356000000P1I1	UNKNOWN SURF SOURCE	FORKS	25	
53006855000000P1	TREATMENT PLANT	PORT ANGELES	16300	0000.00
53006855000000P1I1	MORSE CREEK	PORT ANGELES	16300	0000.00
53008629400000P1I1	UNKNOWN SOURCE	NEWPORT	35	4375.00
53669201550000P1	TREATMENT PLANT	PORT ANGELES	30	
53669201550000P1I1	UNKNOWN SURF SOURCE	PORT ANGELES	30	
53669201560000P1	TREATMENT PLANT	PORT ANGELES	75	
53669201560000P1I1	UNKNOWN SURF SOURCE	PORT ANGELES	75	
53669201570000P1	TREATMENT PLANT	PORT ANGELES	225	
53669201570000P1I1	UNKNOWN SURF SOURCE	PORT ANGELES	225	
53669201580000P1	TREATMENT PLANT	PORT ANGELES	585	
53669201580000P1I1	UNKNOWN SURF SOURCE	PORT ANGELES	585	
53669201590000P1	TREATMENT PLANT	PORT ANGELES	1250	
53669201590000P1I1	UNKNOWN SURF SOURCE	PORT ANGELES	1250	
53767201550000P1	TREATMENT PLANT	SEKIU	60	
53767201550000P1I1	UNKNOWN SURF SOURCE	SEKIU	60	

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

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS12038750	GIBSON CREEK NEAR QU	Stream	1.16		
USGS12039300	NORTH FORK QUINAULT R NEAR AMANDA PARK, WASH.	Stream	74.10	1965	1986
USGS12039500	QUINAULT RIVER AT QUINAULT LAKE, WASH.	Stream	264.00	1912	1994
USGS12040000	CLEARWATER RIVER NR CLEARWATER, WASH.		140.00	1932	1950
USGS12040500	QUEETS RIVER NEAR CLEARWATER, WASH.	Stream	445.00	1931	1994
USGS12041000	HOH RIVER NEAR FORKS, WASH.		208.00	1926	1964
USGS12041200	HOH RIVER AT U.S. HIGHWAY 101 NEAR FORKS, WASH.	Stream	253.00	1961	1994
USGS12041500	SOLEDUCK RIVER NEAR FAIRHOLM, WASH.	Stream	83.80	1918	1980
USGS12041600	SOLDUCK RIVER TRIBUT	Stream	42.00		
USGS12042700	MAY CR NR FORKS, WA		203.00		
USGS12042800	BOGACHIEL R NR FORKS, WASH.	Stream	111.00	1975	1980
USGS12042900	GRADER CREEK NEAR FO	Stream	1.67		
USGS12042920	SITCUM R TR NR FORKS	Stream			
USGS12043000	CALAWAH R NR FORKS, WASH.	Stream	129.00	1898	1994
USGS12043080	EAST FORK DICKEY RIVER NEAR LA PUSH, WASH.		39.80	1962	1968
USGS12043100	DICKEY R NR LA PUSH, WASH.	Stream	86.30	1962	1980
USGS12043150	OZETTE RIVER AT OZETTE,WASH	Stream	77.50	1976	1979
USGS12043163	SOOES R BLW MILLER CR NR OZETTE,WASH	Stream	32.00	1976	1986
USGS12043173	WAATCH R BLW EDUCKET CR AT NEAH BAY,WASH	Stream	9.96	1976	1979
USGS12043190	SAIL RIVER NR NEAH BAY,WASH	Stream	5.42	1976	1979
USGS12043270	HOKO R TR NR SEKIU W	Stream			
USGS12043300	HOKO RIVER NR SEKIU, WA	Stream	51.20	1962	1994
USGS12043304	HOKO R ABV LITTLE HO	Stream			
USGS12043430	EAST TWIN RIVER NEAR PYSHT, WASH.	Stream	14.00	1962	1973
USGS12043450	CROSS CREEK NEAR FAI		92.00		
USGS12044000	LYRE RIVER AT PIEDMONT, WASH.		48.60	1918	1927
USGS12044500	SALT C NR PORT ANGEL	Stream	707.00		
USGS12045000	LK MILLS AT G LINES	Lake	245.00		
USGS12045500	ELWHA RIVER AT MCDONALD BR NR PRT ANGELES, WASH.	Stream	269.00	1898	1998
USGS12045560	ELWHA R BLW LITTLE R	Stream			
USGS12046000	ELWHA R NR PORT ANGE	Stream	1500.00		
USGS12046800	EAST VALLEY CR AT PT		69.00		
USGS12047000	ENNIS C NR PORT ANGE	Stream	792.00		
USGS12047100	LEES CR AT PORT ANGE		477.00		
USGS12047300	MORSE CREEK NEAR PORT ANGELES, WASH.	Stream	46.60	1966	1977
USGS12047500	SIEBERT CREEK NEAR PORT ANGELES, WASH.		15.50	1952	1969
USGS12053000	DOSEWALLIPS RIVER NR BRINNON, WASH.		93.50	1931	1951
USGS12054000	DUCKABUSH RIVER NEAR BRINNON, WASH.	Stream	66.50	1938	1998
USGS12054500	HAMMA HAMMA RIVER NEAR ELDON, WASH.	Stream	51.30	1951	1971
USGS12054600	JEFFERSON CREEK NEAR ELDON, WASH.	Stream	21.60	1958	1971
USGS12056500	NF SKOKOMISH R BLW STRCSE RPDS NR HDSPRT, WASH.	Stream	57.20	1924	1998
USGS12059800	S.F. SKOKOMISH RIVER NR HOODSPORT, WASH.	Stream	26.00	1964	1970
USNOS482206124370001	NEAH BAY STR OF JUAN	Estuary			
USGS12040700	HOH RIVER BELOW MT. TOM CREEK NEAR FORKS, WASH.	Stream	97.80	1985	1989
USGS12040900	SOUTH FORK HOH RIVER NEAR FORKS, WASH.	Stream	50.40	1985	1989
USGS12042000	SOLEDUCK R NEAR BEAVER, WASH.	Stream	116.00	1922	1928
USGS12042500	SOLEDUCK R NR QUILLAYUTE, WASH.	Stream	219.00	1898	1980
USGS12043120	QUILLAYUTE RIVER AT LAPUSH, WASH.	Stream			

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

Water Gages

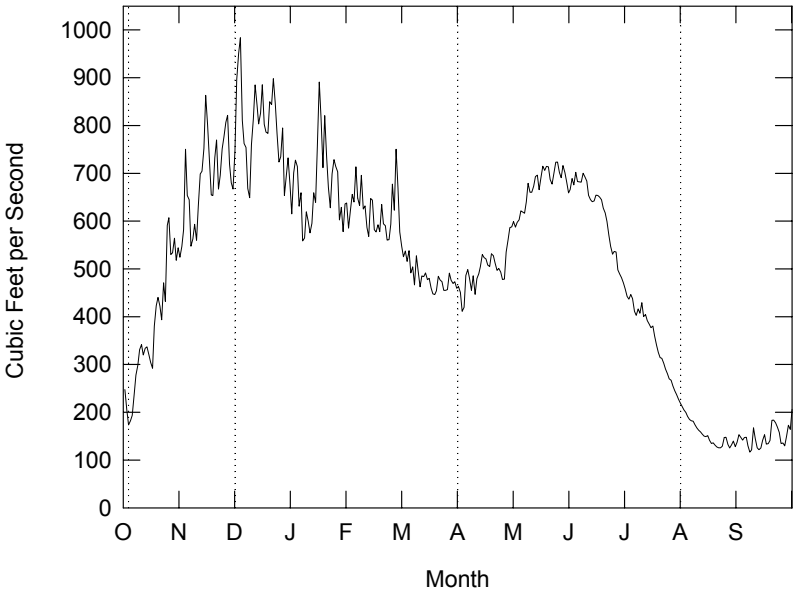
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS12043123	QUILLAYUTE R. AT RIVER MILE 0.2 AT LAPUSH, WASH.	Stream			
USGS12043125	QUILLAYUTE R. AT RIVER MILE 0.0 AT LAPUSH, WASH.	Stream			
USGS12043350	CLALLAM RIVER NEAR CLALLAM BAY, WASH.	Stream	137.00	1962	1962
USGS12044060	SSUMMATION OF STATIONS 12031000 AND 12035000	Stream		1952	1981
USGS12044900	ELWHA RIVER ABOVE LAKE MILLS NEAR PORT ANGELES,	Stream	198.00	1994	1998
USGS12046500	ELWHA RIVER BELOW DIVERSION NEAR PORT ANGELES, W	Stream	318.00	1951	1954
USGS12054660	SUM OF 12054500 + 12054600 TIMES 1.09	Stream	79.50	1958	1971
USGS482300124440000	TATOOSH ISLAND,WASHINGTON W24240	Climate			

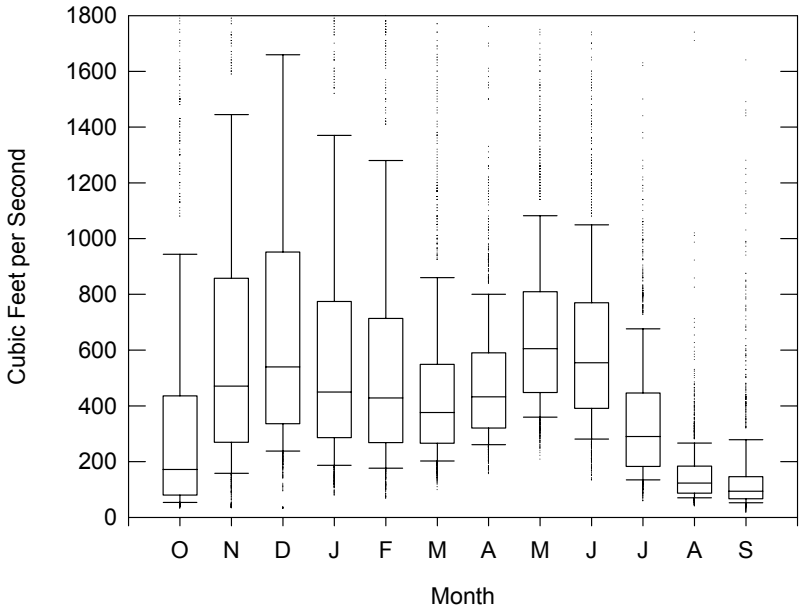
Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
WA00144	GLINES CNY DAM (UPPER ELWHA	CROWN ZELLERBACH CORP	Hydro	V. Arch	High	1927
WA00242	ELWHA DAM	CROWN ZELLERBACH CORP	Hydro	Gravity	High	1912
WA00244	BLACK DIAMOND RES. DAM	CITY OF PORT ANGELES	Supply	Other	Significant	1960
WA01040	WINTERS POND DAM	J WINTERS	Irrig.	Earth	Low	1946
WA01041	DUTRO DAM	P FORSBERG	Irrig.	Earth	Low	1966
WA01064	LAKE DAWN DAM	J C SPENCER	Rec.	Earth	Significant	1950
WA01065	RAINS DAM	G RAINS	Rec.	Earth	Low	1961
WA01066	R.F.WELLCOME DAM	R F WELLCOME	Irrig.	Earth	Low	1952
WA01067	FORKS DAM	WA ST GAME DEPT	Other	Earth	Low	1967
WA01210	PEABODY HEIGHTS RESERVOIR	CITY OF PORT ANGELES	Supply	Earth	Significant	1925

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

OLYMPIC NATIONAL PARK
North Fork Skokomish River below Staircase Rapids near Hoodsport, WA
12056500, 64 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 Olympic National Park are: Oct. 1 to Nov. 30, Dec. 1 to Mar. 31, Apr. 1 to Jul. 31, and Aug. 1 to Sep. 30.

CONTACTS FOR AGENCY CODES RETRIEVED FOR OLYM

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
21540000	HALLOCK, DAVE	WASHINGTON DEP ECOLOGY	(360)407-6681	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
UNIVWASH	HILEMAN, JIM	USEPA REGION 10	(206)553-1640	
10EPATOX	HILEMAN, JIM	USEPA REGION 10	(206)553-1640	
12WLS1	LANDERS, DIXON H.	EPA ENVIRONMENTAL RES LAB	(541)754-4427	
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259	
1119C050	HILEMAN, JIM	USEPA REGION 10	(206)553-1640	
10EPACOP	HILEMAN, JIM	USEPA REGION 10	(206)553-1640	
11BIOACC	KRONER, STEVE	U.S. EPA MDSD	(202)260-4761	
51POCEAN	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 51POCEAN HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86				
11EPAMW	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	

QUANTITY OF DATA RETRIEVED FOR OLYM BY AGENCY CODE

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

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
112WRD	US GEOLOGICAL SURVEY	09/13/47-04/11/97	11/30/54-04/11/97	167	36	14	2	0	0	39660	12227	539	505
21540000	WASHINGTON DEP ECOLOGY	01/01/01-09/30/97	01/01/01-03/12/81	28	3	17	1	0	0	14032	255	130	35
11NPSWRD	NATIONAL PARK SERVICE	10/20/84-12/17/97	10/20/84-12/17/97	52	46	4	4	0	0	13382	12654	102	102
UNIVWASH	USEPA REGION 10	03/20/51-06/10/68	02/19/55-08/10/67	74	2	0	0	1	0	6062	481	8	7
10EPATOX	USEPA REGION 10	06/06/78-03/28/80	No Data in Park	4	0	0	0	0	0	568	0	260	0
12WLS1	EPA ENVIRONMENTAL RES LAB	09/25/85-09/29/85	09/25/85-09/29/85	4	3	0	0	0	0	104	78	26	26
11EPALES	USEPA	09/21/74-10/29/75	09/21/74-10/29/75	7	4	0	0	0	0	1010	858	18	18
1119C050	USEPA REGION 10	07/23/70-09/12/73	No Data in Park	31	0	0	0	3	0	2194	0	19	0
10EPACOP	USEPA REGION 10	06/21/62-08/22/89	No Data in Park	36	0	22	0	1	0	12370	0	206	0
11BIOACC	U.S. EPA MDSD	10/21/87-10/21/87	No Data in Park	1	0	0	0	0	0	64	0	64	0
51POCEAN	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
11EPAMW	USEPA HQ	08/10/76-08/10/76	No Data in Park	1	0	0	0	0	0	14	0	14	0
Totals		01/01/01-12/17/97	01/01/01-12/17/97	406	94	57	7	6	0	89460	26553	941	564

[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 01/01/01 To 12/17/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75
OLYM0001	BIG QUILCENE RIVER AT PORT TOWNSEND INTAKE	No	260	0	260	0
OLYM0002[1]	DUCKABUSH RIVER NEAR BRINNON	No	720	719	0	1
OLYM0003[1]	DUCKABUSH RIVER NEAR BRINNON, WASH.	No	499	0	0	499
OLYM0004	HAMMA HAMMA RIVER NEAR ELDON, WASH.	No	198	0	0	198
OLYM0005	HAMMA HAMMA RIVER NEAR ELDON	No	178	177	0	1
OLYM0006	(NO NAME)	No	26	26	0	0
OLYM0007	AGNEW DITCH AT BLUE MOUNTAIN RD	No	8	0	8	0
OLYM0008[1]	NF SKOKOMISH R BLW STRCSE RPDS NR HDSPRT, WASH.	Yes	2070	976	1024	70
OLYM0009[1]		No	520	0	0	520
OLYM0010[1]	RSE CRK	No	286	0	82	204
OLYM0011[1]	RSE CRK	No	197	0	61	136
OLYM0012[1]	RSE CRK	No	447	0	107	340
OLYM0013	PORT ANGELES STA 21	No	66	0	0	66
OLYM0014	123210304807230 PORT ANGELES	No	0	0	0	0
OLYM0015	MORSE CREEK AT U.S. 101 BRIDGE	No	261	0	261	0
OLYM0016	RSE CRK	No	16	0	0	16
OLYM0017	PORT ANGELES STA 20	No	66	0	0	66
OLYM0018	123221104807130 PORT ANGELES	No	0	0	0	0
OLYM0019[1]	T RAYONIER PULP	No	441	0	117	324
OLYM0020	123223704808250 PORT ANGELES	No	0	0	0	0
OLYM0021	PORT ANGELES STA 19	No	150	0	0	150
OLYM0022[1]	ONIER 007	No	382	0	122	260
OLYM0023	007	No	41	0	0	41
OLYM0024	007	No	48	0	0	48
OLYM0025[1]	ONIER 007	No	360	0	107	253
OLYM0026[1]	R 007	No	712	0	84	628
OLYM0027	1 MILE EAST	No	291	0	0	291
OLYM0028	ITT RAYONIER INC PORT ANGELES	No	45	0	0	45
OLYM0029[1]	ONIER 007	No	434	0	114	320
OLYM0030[1]	ER	No	566	0	132	434
OLYM0031	Q-1	No	20	0	0	20
OLYM0032		No	48	0	0	48
OLYM0033	T-2	No	15	0	0	15
OLYM0034	L-2	No	30	0	0	30
OLYM0035[1]	ITT RAYONIER	No	158	0	56	102
OLYM0036	FALL	No	0	0	0	0
OLYM0037	G-5	No	125	0	0	125
OLYM0038	MEADOW POINT, NE OF	Yes	460	0	0	460
OLYM0039	Q-5	No	95	0	0	95
OLYM0040[1]	ST OF JUAN DE FUCA AT EDIZ HOOK	No	410	0	0	410
OLYM0041	V-7	No	30	0	0	30
OLYM0042	T-6	No	155	0	0	155
OLYM0043	P-7	No	140	0	0	140
OLYM0044	PORT ANGELES STA 5	No	87	0	0	87
OLYM0045	PORT ANGELES STA 3	No	134	0	0	134
OLYM0046	F-6	No	294	0	0	294
OLYM0047	PORT ANGELES STA 2	No	150	0	0	150
OLYM0048	PORT ANGELES STA 4	No	109	0	0	109
OLYM0049[1]		No	1083	0	137	946
OLYM0050	L-6	No	270	0	0	270
OLYM0051	. OUTFALL	No	48	0	0	48
OLYM0052[1]	PORT ANGELES HARBOR AT EDIZ HOOK	No	508	0	0	508
OLYM0053	EDIZ HOOK - COMMERCIAL SALMON FROM PENS	No	52	52	0	0
OLYM0054	L-8	No	47	0	0	47
OLYM0055	V-8	No	10	0	0	10
OLYM0056	P-8	No	45	0	0	45
OLYM0057[1]	ONIER	No	413	0	40	373
OLYM0058	V-9	No	36	0	0	36
OLYM0059[1]	RAYONIER	No	549	0	74	475
OLYM0060	ITT RAYONIER INC PORT ANGELES	No	49	0	0	49
OLYM0061	V-10	No	30	0	0	30
OLYM0062	V-4	No	9	0	0	9
OLYM0063	T-4	No	192	0	0	192
OLYM0064	TY OUTFALL	No	48	0	0	48
OLYM0065	PORT ANGELES STA 6	No	66	0	0	66
OLYM0066[1]	K-ITT DOCK	No	385	0	113	272
OLYM0067	N-10	No	20	0	0	20
OLYM0068[1]	RAYONIER	No	547	0	85	462
OLYM0069[1]	PT ANGELES HBR AT RAYONIER MILL	No	995	0	178	817
OLYM0070	H-10	No	25	0	0	25
OLYM0071	G-12	No	30	0	0	30

Station Period of Record Tabulation
From 01/01/01 To 12/17/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75
OLYM0072	L-11	No	30	0	0	30
OLYM0073	PORT ANGELES HARBOR @ PORT ANGELES	No	64	64	0	0
OLYM0074	T-12	No	55	0	0	55
OLYM0075	Q-12	No	161	0	0	161
OLYM0076	H-12	No	339	0	0	339
OLYM0077	PORT ANGELES STA 9	No	129	0	0	129
OLYM0078	PORT ANGELES STA 10	No	149	0	0	149
OLYM0079	PORT ANGELES STA 8	No	87	0	0	87
OLYM0080	U-12	No	35	0	0	35
OLYM0081	P-12	No	65	0	0	65
OLYM0082	PORT ANGELES STA 7	No	66	0	0	66
OLYM0083	K-12	No	110	0	0	110
OLYM0084	U-13	No	15	0	0	15
OLYM0085	L-12	No	170	0	0	170
OLYM0086	T-13	No	45	0	0	45
OLYM0087	U-14	No	15	0	0	15
OLYM0088	H-15	No	25	0	0	25
OLYM0089	J-15	No	55	0	0	55
OLYM0090	T-15	No	15	0	0	15
OLYM0091	N-15	No	25	0	0	25
OLYM0092	Q-21	No	50	0	0	50
OLYM0093[1]	ANGELES	No	760	0	81	679
OLYM0094	H-16	No	30	0	0	30
OLYM0095[1]	PT ANGLS HBR AT EDIZ HK PILOT ST	No	508	0	0	508
OLYM0096[1]	HOOK)	No	848	0	153	695
OLYM0097	H-17	No	94	0	0	94
OLYM0098[1]	CK-EDIZ BOAT RA	No	700	0	124	576
OLYM0099	R-17	No	99	0	0	99
OLYM0100	I-17	No	60	0	0	60
OLYM0101	O-17	No	50	0	0	50
OLYM0102	M-17	No	50	0	0	50
OLYM0103	N-17	No	95	0	0	95
OLYM0104	I-18	No	35	0	0	35
OLYM0105[1]	PT ANGELES HBR AT FERRY LANDING	No	522	0	0	522
OLYM0106	PORT ANGELES STA 12	No	108	0	0	108
OLYM0107	PORT ANGELES STA 11	No	129	0	0	129
OLYM0108	PORT ANGELES STA 13	No	87	0	0	87
OLYM0109	R-18	No	80	0	0	80
OLYM0110	H-18	No	115	0	0	115
OLYM0111	L-18	No	25	0	0	25
OLYM0112	I-20	No	25	0	0	25
OLYM0113	O-22	No	25	0	0	25
OLYM0114	L-21	No	95	0	0	95
OLYM0115	J-22	No	30	0	0	30
OLYM0116	PORT ANGELES STA 16	No	108	0	0	108
OLYM0117	PORT ANGELES STA 18	No	129	0	0	129
OLYM0118	PORT ANGELES STA 14	No	87	0	0	87
OLYM0119	P-22	No	20	0	0	20
OLYM0120	J-23	No	25	0	0	25
OLYM0121	N-23	No	20	0	0	20
OLYM0122	H-24	No	230	0	0	230
OLYM0123	P-24	No	95	0	0	95
OLYM0124	L-24	No	100	0	0	100
OLYM0125	Q-24	No	80	0	0	80
OLYM0126	L-25	No	99	0	0	99
OLYM0127	K-25	No	41	0	0	41
OLYM0128	O-26	No	52	0	0	52
OLYM0129[1]	ELES MARINA	No	729	0	143	586
OLYM0130	I-10	No	30	0	0	30
OLYM0131	N-26	No	20	0	0	20
OLYM0132	WEST TIP OF PIER N	No	3	0	0	3
OLYM0133	CONTROL 2,OUTSIDE EDIZ HOOK	No	3	0	0	3
OLYM0134	END OF PIER C, OPPOSITE CONTROL	No	3	0	0	3
OLYM0135	CONTROL 1, INSIDE EDIZ HOOK	No	3	0	0	3
OLYM0136	PIER E,TIP OF H,NE CORNER	No	3	0	0	3
OLYM0137	PIER, CENTER BERTH	No	3	0	0	3
OLYM0138	N-28	No	120	0	0	120
OLYM0139	PORT ANGELES STA 15	No	87	0	0	87
OLYM0140	M-27	No	75	0	0	75
OLYM0141	N-27	No	20	0	0	20
OLYM0142	BACH, EAST	No	68	0	0	68

Station Period of Record Tabulation
From 01/01/01 To 12/17/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75
OLYM0143	J-27	No	205	0	0	205
OLYM0144[1]	PORT ANGELES HRB AT FIBREBD MILL	No	528	0	0	528
OLYM0145	PORT ANGELES STA 17	No	88	0	0	88
OLYM0146[1]	PT ANGELES HBR AT EDIZ HOOK HEAD	No	3593	544	2204	845
OLYM0147[1]	ELLERBACH	No	346	0	132	214
OLYM0148	BACH, WEST	No	107	0	107	0
OLYM0149	ITT RAYONIER PT. ANGELES RAW WATER	No	28	0	28	0
OLYM0150	ITT RAYONIER P ANGLES RAW WATER	No	19	0	19	0
OLYM0151	31N/07W-35E01	No	37	0	37	0
OLYM0152	31N/07W-35N01	No	37	0	37	0
OLYM0153	EAST SLOUGH AT ANGELES PT NR PORT ANGELES, WA	No	109	0	109	0
OLYM0154	31N/07W-27J03	No	36	0	36	0
OLYM0155	ELWHA RIVER BELOW ELWHA DAM NEAR PORT ANGELES,WA	No	195	195	0	0
OLYM0156	BOSCO CR NR PORT ANGELES, WASH	No	115	0	115	0
OLYM0157	31N/07W-34B03	No	36	0	36	0
OLYM0158	WEST SLOUGH AT ANGELES PT NR PORT ANGELES, WA	No	110	0	110	0
OLYM0159	ELWHA R NR MOUTH NR PORT ANGELES WASH	No	44	0	44	0
OLYM0160	IVER	No	79	0	26	53
OLYM0161[1]	ELWHA R BLW LITTLE R NR PORT ANGELES	No	412	0	0	412
OLYM0162[1]	ELWHA RIVER NEAR PORT ANGELES	No	1447	761	0	686
OLYM0163	GLACIER CR NR AMANDA PK WA	Yes	20	20	0	0
OLYM0164[1]	ELWHA RIVER AT MCDONALD BRIDGE	No	596	0	544	52
OLYM0165[1]	ELWHA RIVER AT MCDONALD BR NR PRT ANGELES, WASH.	No	6744	792	5012	940
OLYM0166	ELWHA RIVER ABOVE LAKE MILLS NEAR PORT ANGELES,	Yes	195	195	0	0
OLYM0167	ELWHA R DELTA SITE 2 AT LAKE MILLS NR PORT ANGEL	Yes	214	214	0	0
OLYM0168	PROMISE CR NR AMAMDA PK WA	Yes	22	22	0	0
OLYM0169	GEODUCK CR NR AMANDA PK WA	Yes	20	20	0	0
OLYM0170	N FK QUINAULT R AB GEODUCK CR NR AMANDA PK WA	Yes	22	22	0	0
OLYM0171	LAKE MILLS ABOVE ELWHA DAM NR PORT ANGELES SITE	Yes	40	40	0	0
OLYM0172	LAKE MILLS ABOVE ELWHA DAM NR PORT ANGELS SITE 1	Yes	39	39	0	0
OLYM0173	RUSTLER CR NR AMANDA PK WA	Yes	22	22	0	0
OLYM0174	N FK QUINAULT R AT WOLF BAR NR AMANDA PK WA	Yes	22	22	0	0
OLYM0175	NORTH FORK QUINAULT RIVER NEAR AMANDA PARK	Yes	50	0	50	0
OLYM0176[1]	NORTH FORK QUINAULT R NEAR AMANDA PARK, WASH.	Yes	6924	518	4321	2085
OLYM0177	CHAINSAW CR NR AMANDA PK WA	Yes	20	20	0	0
OLYM0178[1]		No	326	0	26	300
OLYM0179	HO3	Yes	21	0	0	21
OLYM0180	ELIP CR NR AMANDA PK WA	Yes	22	22	0	0
OLYM0181	CRESCENT BAY I	No	0	0	0	0
OLYM0182	CRESCENT BAY I	No	0	0	0	0
OLYM0183	BOULDER LAKE	Yes	26	26	0	0
OLYM0184	LAKE CRESCENT OFFSHORE NEAR DEVILS POINT	Yes	540	540	0	0
OLYM0185	LAKE CRESCENT NEAR LOG CABIN RESORT	Yes	54	54	0	0
OLYM0186	LUNCH LAKE	Yes	26	26	0	0
OLYM0187	LAKE CRESCENT NEAR BARNES POINT	Yes	54	54	0	0
OLYM0188	BARNES CREEK	Yes	18	18	0	0
OLYM0189	HOH LAKE	Yes	26	26	0	0
OLYM0190	LAKE CRESCENT NEAR DEVILS POINT BRIDGE	Yes	54	54	0	0
OLYM0191	30N/09W-26R02	Yes	25	0	0	25
OLYM0192	PARADISE CREEK	Yes	17	17	0	0
OLYM0193	LAKE CRESCENT NEAR PUNCHBOWL TUNNEL	Yes	54	54	0	0
OLYM0194	CANYON CREEK	Yes	17	17	0	0
OLYM0195	TRIBUTARY TO CHARLIE CREEK	Yes	1	0	0	1
OLYM0196	LAKE CRESCENT OFFSHORE NEAR MAPLE POINT	Yes	537	537	0	0
OLYM0197	BOB CREEK	Yes	16	16	0	0
OLYM0198	SOL DUC RIVER UPSTREAM FROM RESORT	Yes	80	80	0	0
OLYM0199	SOL DUC RIVER AT THE RESORT TRAILER PARK	Yes	18	18	0	0
OLYM0200	SOL DUC RIVER AT HOT SPRINGS RESORT POOL OUTLET	Yes	80	80	0	0
OLYM0201	SOL DUC RIVER AT THE RESORT CONCRETE BRIDGE	Yes	20	20	0	0
OLYM0202	MINK LAKE CREEK	Yes	18	18	0	0
OLYM0203	SOL DUC HOT SPRINGS AT RESORT SWIMMING POOL	Yes	40	40	0	0
OLYM0204	29N/09W-32C01S	Yes	33	0	0	33
OLYM0205	29N/09W-32C05S	Yes	8	0	0	8
OLYM0206	29N/09W-32C02S	Yes	8	0	0	8
OLYM0207	29N/09W-32C04S	Yes	46	0	0	46
OLYM0208	29N/09W-32C03S	Yes	8	0	0	8
OLYM0209	SOL DUC HOT SPRINGS DRAINAGE DITCH AT RESORT	Yes	62	62	0	0
OLYM0210	LAKE CRESCENT NEAR LA POEL PICNIC AREA	Yes	54	54	0	0
OLYM0211	SOL DUC RIVER 800M DOWNSTREAM FROM RESORT BRIDGE	Yes	80	80	0	0
OLYM0212	HARLOW CREEK	Yes	19	19	0	0
OLYM0213[1]	QUINAULT RIVER AT LAKE QUINAULT	No	499	189	12	298

Station Period of Record Tabulation
From 01/01/01 To 12/17/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75
OLYM0214[1]	QUINAULT RIVER AT QUINAULT LAKE, WASH.	No	1646	0	616	1030
OLYM0215	LAKE CRESCENT NEAR FAIRHOLM CAMPGROUND	Yes	54	54	0	0
OLYM0216	30N/09W-30F02	Yes	27	0	0	27
OLYM0217	SOLEDUCK RIVER NEAR FAIRHOLM, WASH.	Yes	255	0	0	255
OLYM0218[1]	WEIR ON W. TWIN CR. NEAR CONFLUENCE W/TWIN CR.	Yes	3788	3667	121	0
OLYM0219[1]	WEIR ON W. TWIN CR. NEAR CONFLUENCE W/TWIN CR.	Yes	3771	3771	0	0
OLYM0220	PILLAR POINT, E OF	No	70	0	0	70
OLYM0221	HOH RIVER AT MILE 30.0 NEAR FORKS, WASH.	No	28	0	28	0
OLYM0222	HOH RIVER AT MILE 28.4 NEAR FORKS, WASH.	No	12	0	12	0
OLYM0223	CANYON CREEK AT MOUTH NEAR FORKS, WASH.	No	14	0	14	0
OLYM0224	OWL CREEK AT MOUTH NR FORKS, WASH.	No	14	0	14	0
OLYM0225	SPRUCE CREEK AT MOUTH NR FORKS, WASH.	No	14	0	14	0
OLYM0226	MAPLE CREEK AT MOUTH NR FORKS, WASH.	No	14	0	14	0
OLYM0227	DISMAL CREEK AT MOUTH NR FORKS, WASH.	No	14	0	14	0
OLYM0228	SOLEDUCK RIVER NEAR FAIRHOLM	No	4	0	0	4
OLYM0229[1]	SOLEDUCK R NEAR BEAVER, WASH.	No	1092	0	0	1092
OLYM0230	PILLAR POINT I	No	224	0	0	224
OLYM0231	HOH RIVER AT RIVER MILE 24.0 NR FORKS, WASH.	No	11	0	11	0
OLYM0232	MUD CREEK	Yes	59	59	0	0
OLYM0233	PYSHT RIVER NEAR PYSHT	No	1	0	0	1
OLYM0234[1]	PYSHT R NR PYSHT	No	353	0	0	353
OLYM0235	HOH RIVER AT MILE 20.0 NR FORKS, WASH.	No	27	0	27	0
OLYM0236	WILLOUGHBY CREEK AT MOUTH NR FORKS, WASH.	No	14	0	14	0
OLYM0237	HIBBARD CREEK	Yes	38	38	0	0
OLYM0238	PYSHT R NR SAPPHO, WASH	No	49	0	0	49
OLYM0239	ELK CREEK AT MOUTH NR FORKS, WASH.	No	16	0	16	0
OLYM0240	HOH RIVER AT MILE 18.0 NR FORKS, WASH.	No	14	0	14	0
OLYM0241	ALDER CREEK AT MOUTH NR FORKS, WASH.	No	16	0	16	0
OLYM0242	WINFIELD CREEK AT MOUTH NR FORKS, WASH.	No	16	0	16	0
OLYM0243	MCKINNON CREEK	Yes	20	20	0	0
OLYM0244[1]	HOH RIVER AT U.S. HIGHWAY 101 NEAR FORKS, WASH.	No	1652	0	751	901
OLYM0245[1]	HOH RIVER AT DNR CAMPGROUND	No	1147	761	11	375
OLYM0246	HOH RIVER NEAR FORKS, WASH.	No	44	0	27	17
OLYM0247	CLALLAM RIVER NEAR CLALLAM BAY, WASH.	No	49	0	0	49
OLYM0248	QUEETS R ABV CLEARWTR NR QUEETS	No	1	0	0	1
OLYM0249	QUEETS RIVER ABV CLEARWATER RIV NR QUEETS, WASH.	No	226	0	0	226
OLYM0250	HOH RIVER AT MILE 12.0 NR FORKS, WASH.	No	29	0	29	0
OLYM0251	LOST CREEK AT MOUTH NR FORKS, WASH.	No	16	0	16	0
OLYM0252[1]	STRAIT OF JUAN DE FUCA AT SEKIU	No	496	0	0	496
OLYM0253	BOGACHIEL R AT RM 19.5	No	25	0	25	0
OLYM0254	CLEARWATER RIVER NR CLEARWATER, WASH.	No	213	0	0	213
OLYM0255	CLEARWATER RIVER NR QUEETS, WASH.	No	250	0	0	250
OLYM0256	CLEARWATER RIVER NEAR QUEETS	No	8	0	0	8
OLYM0257[1]	QUEETS RIVER NEAR CLEARWATER	No	324	0	324	0
OLYM0258[1]	QUEETS RIVER NEAR CLEARWATER, WASH.	No	5120	2164	2956	0
OLYM0259	HOH RIVER AT MILE 8.9 NR FORKS, WASH.	No	14	0	14	0
OLYM0260	NOLAN CREEK AT HWY 101 BRIDGE NR FORKS, WASH.	No	15	0	15	0
OLYM0261	BOGACHIEL R AT RM 17.45	No	25	0	25	0
OLYM0262	NF CALAWAH R AT MOUTH (RM 10.25)	No	23	0	23	0
OLYM0263[1]	QUEETS RIVER AT QUEETS, WASH.	No	957	0	0	957
OLYM0264	SF CALAWAH R AT MOUTH (RM 10.4)	No	23	0	23	0
OLYM0265	QUEETS RIVER AT QUEETS	No	231	189	0	42
OLYM0266	HOH RIVER AT MILE 6.7 NR FORKS, WASH.	No	29	0	29	0
OLYM0267	BRADEN CREEK AT HWY 101 BRIDGE NR FORKS, WASH.	No	15	0	15	0
OLYM0268	HOKO RIVER NEAR SEKIU	No	1	0	0	1
OLYM0269	HOKO R ABV LITTLE HOKO R NR SEKIU	No	237	0	0	237
OLYM0270	HOKO RIVER NEAR MOUTH	No	1	0	0	1
OLYM0271	BOGACHIEL R NR FORKS, WASH.	No	25	0	25	0
OLYM0272[1]	HOKO R. NR. SEKIU	No	176	0	0	176
OLYM0273	CALAWAH R AT RM 9.1	No	25	0	25	0
OLYM0274	ELK CR AT MOUTH (RM 9.0)	No	25	0	25	0
OLYM0275	STEAMBOAT CREEK	Yes	37	37	0	0
OLYM0276[1]	KALALOCH CREEK	Yes	52	52	0	0
OLYM0277	HOH RIVER AT MILE 4.3 NR FORKS, WASH.	No	29	0	29	0
OLYM0278	CALAWAH R AT RM 7.55	No	25	0	25	0
OLYM0279	SOLEDUCK RIVER NEAR FORKS	No	190	189	0	1
OLYM0280[1]	SOLEDUCK RIVER NEAR FORKS, WASH.	No	408	0	0	408
OLYM0281	BOGACHIEL R AT RM 12.6	No	25	0	25	0
OLYM0282	CALAWAH R NR FORKS, WASH.	No	614	0	614	0
OLYM0283	HOH RIVER AT MILE 2.3 NR FORKS, WASH.	No	14	0	14	0
OLYM0284	SOLEDUCK R AT HWY 101 AT FORKS, WASH.	No	25	0	25	0

Station Period of Record Tabulation
From 01/01/01 To 12/17/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75
OLYM0285[1]	CEDAR CREEK	Yes	57	57	0	0
OLYM0286	CALAWAH R AT RM 5.1	No	25	0	25	0
OLYM0287	BOGACHIEL R AT RM 10.15	No	23	0	23	0
OLYM0288	26N/13W-20M01	No	30	0	30	0
OLYM0289	CHALAAT CR.AT TREATMENT PLANT, HOH RESV, WASH.	No	166	0	166	0
OLYM0290	CALAWAH R AT RM 3.8	No	23	0	23	0
OLYM0291	SOLEDUCK R AT RM 17.45	No	23	0	23	0
OLYM0292	GUNDERSON CR AT MOUTH (RM 17.35)	No	25	0	25	0
OLYM0293	CHALAAT CR.AT COMM.CENTER, HOH RESV, WASH.	No	165	0	165	0
OLYM0294	HOH RIVER AT MILE 0.6 NR FORKS, WASH.	No	30	0	30	0
OLYM0295	CALAWAH R AT RM 1.6	No	25	0	25	0
OLYM0296	SOLEDUCK R AT RM 16.1	No	25	0	25	0
OLYM0297	CALAWAH R AT RM 2.55	No	23	0	23	0
OLYM0298	BOGACHIEL R AT RM 8.65	No	22	0	22	0
OLYM0299	CALAWAH R AT MOUTH NR FORKS, WASH.	No	40	0	40	0
OLYM0300	SOLEDUCK R AT RM 15.2	No	23	0	23	0
OLYM0301	BOGACHIEL R AT RM 8.0	No	25	0	25	0
OLYM0302	SOLEDUCK R NR QUILLAYUTE, WASH.	No	72	0	72	0
OLYM0303	BOGACHIEL R AT RM 6.4	No	25	0	25	0
OLYM0304	SOLEDUCK R AT RM 12.6	No	23	0	23	0
OLYM0305	SOLEDUCK R AT RM 11.0	No	22	0	22	0
OLYM0306	BOGACHIEL R AT RM 4.9	No	23	0	23	0
OLYM0307	SOLEDUCK R AT RM 9.4	No	25	0	25	0
OLYM0308	BOGACHIEL R AT RM 3.7	No	23	0	23	0
OLYM0309	FALLS CREEK	Yes	36	36	0	0
OLYM0310	MAXFIELD CR AT MOUTH (RM 2.7)	No	23	0	23	0
OLYM0311	SOLEDUCK R AT RM 8.3	No	22	0	22	0
OLYM0312	BOGACHIEL R AT RM 2.1	No	23	0	23	0
OLYM0313	MURPHY CR AT MOUTH (RM 1.25)	No	23	0	23	0
OLYM0314	BOGACHIEL R AT MOUTH (RM .05)	No	44	0	44	0
OLYM0315	SOLEDUCK R AT MOUTH NR LA PUSH, WASH.	No	606	0	606	0
OLYM0316[1]	BOGACHIEL R NR LAPUSH, WASH.	No	474	0	474	0
OLYM0317	EF DICKEY R AT MOUTH----R.MI. 7.9 ON DICKEY R.	No	23	0	23	0
OLYM0318	DICKEY R NR LA PUSH, WASH.	No	25	0	25	0
OLYM0319	SCOTT CREEK	Yes	17	17	0	0
OLYM0320	WF DICKEY RIVER AT RIVER MILE 8.1	No	25	0	25	0
OLYM0321	DICKEY RIVER AT RIVER MILE 7.7	No	25	0	25	0
OLYM0322	DICKEY RIVER AT RIVER MILE 6.8	No	23	0	23	0
OLYM0323	QUILLAYUTE R AT RM 5.75	No	25	0	25	0
OLYM0324	COLBY CR AT MOUTH ---R.MI. 5.0 ON DICKEY R.	No	25	0	25	0
OLYM0325	DICKEY R AB COLBY CR NR LA PUSH, WASH.	No	311	0	311	0
OLYM0326	DICKEY RIVER AT RIVER MILE 5.1	No	25	0	25	0
OLYM0327	SAIL RIVER NR NEAH BAY,WASH	No	119	0	119	0
OLYM0328	DICKEY RIVER AT RIVER MILE 4.4	No	23	0	23	0
OLYM0329	CROOKED CREEK	No	54	0	30	24
OLYM0330	COAL CR AT MOUTH 3.85	No	23	0	23	0
OLYM0331[1]	ST OF JUAN DE FUCA NEAR NEAH BAY	No	420	0	0	420
OLYM0332	QUILLAYUTE R AT RM 3.3	No	23	0	23	0
OLYM0333	CROOKED CREEK UPSTREAM FROM LAKE OZETTE	No	128	128	0	0
OLYM0334	DICKEY R AT RM 2.8	No	23	0	23	0
OLYM0335	SIWASH CREEK UPSTREAM FROM LAKE OZETTE	No	116	116	0	0
OLYM0336	QUILLAYUTE R AT JAMES PARK (RM 2	Yes	23	0	23	0
OLYM0337	DICKEY R AT RM 1.5	No	25	0	25	0
OLYM0338	BIG RIVER	No	49	0	25	24
OLYM0339	BIG RIVER UPSTREAM FROM LAKE OZETTE	No	134	134	0	0
OLYM0340	KOITLAH POINT, NE OF	No	28	0	0	28
OLYM0341	28N/15W-23N02	Yes	29	0	0	29
OLYM0342	28N/15W-23N03	Yes	2	0	0	2
OLYM0343	28N/15W-23N01	Yes	27	0	0	27
OLYM0344[1]	ST OF JUAN DE FUCA AT NEAH BAY	No	449	0	0	449
OLYM0345	SOUTH CREEK UPSTREAM FROM LAKE OZETTE	No	114	114	0	0
OLYM0346	DICKEY R AT RM 0.3	Yes	16	0	16	0
OLYM0347	DICKEY RIVER AT MORA, WASH.	Yes	34	0	34	0
OLYM0348	DICKEY R AT MORA BR (RM .15)	Yes	66	0	66	0
OLYM0349	QUILLAYUTE R AT RM 1.5	Yes	62	0	62	0
OLYM0350	SOOES RIVER AB PILCHUCK CR NR OZETTE,WASH	No	85	0	85	0
OLYM0351	QUILLAYUTE ESTY (DICKEY R AT R.MI. 0.1) (SITE 9)	Yes	23	0	23	0
OLYM0352	QUILLAYUTE ESTUARY AT RIVER MILE 1.4 (SITE 8)	Yes	74	0	74	0
OLYM0353	UMBRELLA CREEK	No	49	0	25	24
OLYM0354	33N/15W-15G08	No	9	0	9	0
OLYM0355	N. CENTRAL LAKE OZETTE 1/4 MILE W. OF GARDEN IS.	Yes	601	601	0	0

Station Period of Record Tabulation
From 01/01/01 To 12/17/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75
OLYM0356	UMBRELLA CREEK UPSTREAM FROM LAKE OZETTE	No	142	142	0	0
OLYM0357	33N/15W-15G05	No	11	0	11	0
OLYM0358	33N/15W-15G07	No	9	0	9	0
OLYM0359	33N/15W-15G06	No	9	0	9	0
OLYM0360	SOOES R BLW MILLER CR NR OZETTE,WASH	No	92	0	92	0
OLYM0361	WAATCH R BLW EDUCKET CR AT NEAH BAY,WASH	No	119	0	119	0
OLYM0362	28N/15W-22P01	No	30	0	0	30
OLYM0363	QUILLAYUTE ESTUARY AT RIVER MILE 1.1 (SITE 7)	Yes	173	0	173	0
OLYM0364	OZETTE LAKE	Yes	307	0	307	0
OLYM0365	PILCHUCK CREEK NEAR OZETTE,WASH	No	112	0	112	0
OLYM0366	S. END LAKE OZETTE 1/2 MILE E. OF TIVOLI ISLAND	Yes	695	695	0	0
OLYM0367	UMBRELLA CREEK	Yes	39	39	0	0
OLYM0368	VILLAGE CR AT NEAH BAY,WASH	No	108	0	108	0
OLYM0369	SLOUGH BEHIND HARLEY'S RESORT AT LAPUSH,WASH	No	14	0	14	0
OLYM0370	QUILLAYUTE ESTUARY AT RIVER MILE 0.9 (SITE 6)	Yes	140	0	140	0
OLYM0371	SOUTH END LAKE OZETTE	Yes	72	72	0	0
OLYM0372	WAATCH RIVER AT NEAH BAY,WASH	No	110	0	110	0
OLYM0373	QUILLAYUTE ESTUARY AT RIVER MILE 0.6 (SITE 5)	No	204	0	204	0
OLYM0374	MOUTH OF HARLEY'S RESORT BOAT BA	No	127	0	127	0
OLYM0375	HARLEY'S RESORT INNER BOAT BASIN LA PUSH, WASH	No	15	0	15	0
OLYM0376	NORTH CENTRAL LAKE OZETTE	Yes	72	72	0	0
OLYM0377	SOUTH CENTRAL LAKE OZETTE	Yes	72	72	0	0
OLYM0378	S. CENTRAL L. OZETTE 1/6 MILE E. OF CEMETERY PT.	Yes	491	491	0	0
OLYM0379	MOUTH OF COMMERCIAL BOAT BASIN L	No	192	0	192	0
OLYM0380	QUILLAYUTE ESTUARY AT RIVER MILE 0.3 (SITE 4)	No	294	0	294	0
OLYM0381	QUILLAYUTE ESTUARY-SITE 3,4/4	No	11	0	11	0
OLYM0382	QUILLAYUTE ESTUARY-SITE 3,2/4	No	11	0	11	0
OLYM0383	QUILLAYUTE ESTUARY-SITE 3,3/4	No	11	0	11	0
OLYM0384	QUILLAYUTE ESTUARY-SITE 3	No	267	0	267	0
OLYM0385	QUILLAYUTE ESTUARY-SITE 3,1/4	No	44	0	44	0
OLYM0386	OZETTE LAKE	Yes	269	0	269	0
OLYM0387	SOUTH BRANCH ELLEN CREEK	Yes	35	35	0	0
OLYM0388	ELLEN CREEK	Yes	38	38	0	0
OLYM0389	QUILLAYUTE ESTY AT SO. END JAMES	No	288	0	288	0
OLYM0390	PACIFIC OCEAN OFF MOUTH QUILLAYU	No	100	0	100	0
OLYM0391	NORTH END LAKE OZETTE	Yes	72	72	0	0
OLYM0392	OZETTE LAKE	Yes	229	0	229	0
OLYM0393	mouth of drainage on S&E edge of Makah landfill	No	173	173	0	0
OLYM0394	NORTH END LAKE OZETTE 1/2 MILE WEST OF DEER BAY	Yes	429	429	0	0
OLYM0395	head of drainage on S&E edge of Makah landfill	No	173	173	0	0
OLYM0396	COAL CREEK UPSTREAM FROM LAKE OZETTE	No	94	94	0	0
OLYM0397	mouth of Classet Creek at Warmhouse Beach	No	280	280	0	0
OLYM0398	COAL CREEK	Yes	61	61	0	0
OLYM0399[1]	OZETTE RIVER AT OZETTE	Yes	204	0	0	204
OLYM0400	OZETTE LAKE AT OZETTE, WASH	Yes	1480	0	1480	0
OLYM0401	OZETTE RIVER AT OZETTE,WASH	Yes	16	0	16	0
OLYM0402	OZETTE RIVER DOWNSTREAM FROM LAKE OZETTE	Yes	131	131	0	0
OLYM0403	OZETTE RIVER	Yes	53	0	30	23
OLYM0404	PETROLEUM CREEK	Yes	51	51	0	0
OLYM0405	SEAFIELD CREEK	Yes	34	34	0	0
OLYM0406	CAPE FLATTERY WASH	No	14	0	14	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 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	4635	603	841	3191	183	29
00004	STREAM WIDTH (FEET)	3	0	3	0	2	0
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	800	238	174	388	37	4
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	156	115	41	0	3	1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5408	1093	1720	2595	318	51
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	23	23	0	0	4	3
00025	BAROMETRIC PRESSURE (MM OF HG)	532	279	31	222	24	4
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	531	218	309	4	20	14
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	594	218	372	4	30	14
00035	WIND VELOCITY (MILES PER HOUR)	240	0	0	240	10	0
00040	WIND DIRECTION, AZIMUTH	1	0	0	1	1	0
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	15	0	0	15	15	2
00049	SURFACE AREA IN SQUARE MILES	47	0	0	47	3	0
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	4	0	4	0	4	0
00060	FLOW, STREAM, MEAN DAILY CFS	419	167	49	203	28	4
00061	FLOW, STREAM, INSTANTANEOUS CFS	1087	124	772	191	41	3
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	21	18	3	0	3	2
00065	STAGE, STREAM (FEET)	259	19	0	240	12	1
00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	179	0	0	179	10	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1667	16	734	917	167	11
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	60	0	60	0	3	3
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	3	0	0	3	3	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	225	62	163	0	10	4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	9	0	9	0	3	3
00078	TRANSPARENCY, SECCHI DISC (METERS)	238	189	49	0	17	15
00080	COLOR (PLATINUM-COBALT UNITS)	636	4	196	436	98	19
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	226	226	0	0	4	4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	870	618	60	192	47	21
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2611	990	949	672	186	46
00109	SURFACE AREA, PERCENT OF TOTAL	1	0	0	1	1	0
00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	132	132	0	0	7	1
00154	SULFATE (AS S) WHOLE WATER, MG/L	4	4	0	0	4	3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	598	598	0	0	24	18
00300	OXYGEN, DISSOLVED MG/L	3918	434	1121	2363	258	19
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	491	295	196	0	41	5
00310	BOD, 5 DAY, 20 DEG C MG/L	160	0	129	31	33	6
00340	COD, .25N K2CR2O7 MG/L	1	0	1	0	1	0
00400	PH (STANDARD UNITS)	2548	441	824	1283	148	39
00403	PH, LAB, STANDARD UNITS SU	175	91	84	0	19	15
00405	CARBON DIOXIDE (MG/L AS CO2)	307	0	147	160	44	8
00406	PH, FIELD, STANDARD UNITS SU	1125	1119	6	0	26	20
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	4	4	0	0	4	3
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1163	544	321	298	63	14
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11	11	0	0	3	1
00435	ACIDITY, TOTAL (MG/L AS CACO3)	4	0	4	0	4	1
00440	BICARBONATE ION (MG/L AS HCO3)	612	51	155	406	79	35
00445	CARBONATE ION (MG/L AS CO3)	400	0	126	274	44	9
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11	11	0	0	3	1
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11	11	0	0	3	1
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	51	51	0	0	6	3
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	51	51	0	0	6	3
00480	SALINITY - PARTS PER THOUSAND	2876	14	397	2465	153	7
00500	RESIDUE, TOTAL (MG/L)	14	0	0	14	2	0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	15	0	1	14	3	1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	14	0	3	11	2	1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	286	225	37	24	34	21
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	13	0	0	13	2	0
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	6	0	0	6	6	0
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	24	0	24	0	3	0
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	24	0	24	0	3	0
00600	NITROGEN, TOTAL (MG/L AS N)	534	339	193	2	56	10
00602	NITROGEN, DISSOLVED (MG/L AS N)	75	25	50	0	24	21
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	342	1	328	13	53	4
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	54	0	54	0	4	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	233	132	101	0	21	18
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1946	807	909	230	172	38
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	105	65	2	38	19	10
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	693	41	546	106	106	12
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	646	526	11	109	21	12
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	861	24	546	291	115	17
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	613	509	104	0	32	28

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	94	0	94	0	5	1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	672	126	487	59	68	12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	809	255	437	117	93	26
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	262	143	113	6	24	20
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	75	0	11	64	13	3
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	508	0	241	267	38	5
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	4	4	0	0	4	3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1604	501	841	262	142	28
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	751	598	153	0	33	28
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1782	910	526	346	94	49
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	162	63	97	2	13	4
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	65	32	33	0	13	7
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	62	62	0	0	2	2
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	1	1	0	0	1	1
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	44	15	29	0	6	2
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	4	4	0	0	4	3
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	1	1	0	0	1	1
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	18	0	16	2	4	1
00745	SULFIDE, TOTAL (MG/L AS S)	8	0	8	0	4	0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	2815	10	309	2496	131	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	735	7	317	411	70	14
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	676	3	266	407	63	12
00904	HARDNESS,NONCARBONATE,WTR,DISS,AS CACO3,FIELD,MG/L	1	1	0	0	1	0
00910	CALCIUM (MG/L AS CACO3)	4	4	0	0	4	3
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1414	660	347	407	100	48
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1418	664	347	407	104	51
00930	SODIUM, DISSOLVED (MG/L AS NA)	1413	662	347	404	104	51
00931	SODIUM ADSORPTION RATIO	582	3	296	283	57	9
00932	SODIUM, PERCENT	583	3	296	284	57	9
00933	SODIUM,PLUS POTASSIUM (MG/L)	39	0	37	2	7	1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1412	661	347	404	104	51
00940	CHLORIDE,TOTAL IN WATER MG/L	841	87	339	415	79	26
00941	CHLORIDE, DISSOLVED IN WATER MG/L	579	569	10	0	30	29
00945	SULFATE, TOTAL (MG/L AS SO4)	788	87	339	362	74	22
00946	SULFATE, DISSOLVED (MG/L AS SO4)	576	566	10	0	26	26
00950	FLUORIDE, DISSOLVED (MG/L AS F)	623	91	237	295	49	24
00955	SILICA, DISSOLVED (MG/L AS SI02)	794	80	342	372	58	27
01000	ARSENIC, DISSOLVED (UG/L AS AS)	231	43	122	66	16	6
01001	ARSENIC, SUSPENDED (UG/L AS AS)	38	0	38	0	4	1
01002	ARSENIC, TOTAL (UG/L AS AS)	84	16	65	3	14	3
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	4	2	2	0	4	2
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	2	2	0	0	1	0
01005	BARIUM, DISSOLVED (UG/L AS BA)	154	43	111	0	10	2
01006	BARIUM, SUSPENDED (UG/L AS BA)	34	0	34	0	5	1
01007	BARIUM, TOTAL (UG/L AS BA)	68	12	53	3	8	3
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	65	35	30	0	3	1
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7	4	3	0	6	0
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	2	0	2	0	2	0
01020	BORON, DISSOLVED (UG/L AS B)	99	8	4	87	15	6
01021	BORON, SUSPENDED (UG/L AS B)	4	0	4	0	4	1
01022	BORON, TOTAL (UG/L AS B)	5	0	4	1	5	1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	166	43	122	1	14	6
01026	CADMIUM, SUSPENDED (UG/L AS CD)	32	0	32	0	4	1
01027	CADMIUM, TOTAL (UG/L AS CD)	84	16	65	3	14	3
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	4	2	2	0	4	2
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	4	2	2	0	4	2
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	235	43	127	65	22	6
01031	CHROMIUM, SUSPEND (UG/L AS CR)	42	0	42	0	5	1
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	14	0	0	14	1	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	102	16	64	22	17	3
01035	COBALT, DISSOLVED (UG/L AS CO)	120	43	77	0	5	1
01036	COBALT, SUSPENDED (UG/L AS CO)	28	0	28	0	3	0
01037	COBALT, TOTAL (UG/L AS CO)	46	0	46	0	5	1
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	2	2	0	0	2	2
01040	COPPER, DISSOLVED (UG/L AS CU)	250	43	126	81	22	6
01041	COPPER, SUSPENDED (UG/L AS CU)	46	0	46	0	5	1
01042	COPPER, TOTAL (UG/L AS CU)	87	16	65	6	16	3
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	4	2	2	0	4	2
01044	IRON, SUSPENDED (UG/L AS FE)	32	0	32	0	5	1
01045	IRON, TOTAL (UG/L AS FE)	252	12	67	173	28	13
01046	IRON, DISSOLVED (UG/L AS FE)	229	139	89	1	25	17

Parameter Period of Record Tabulation
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Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01049	LEAD, DISSOLVED (UG/L AS PB)	173	43	128	2	20	6
01050	LEAD, SUSPENDED (UG/L AS PB)	48	0	48	0	5	1
01051	LEAD, TOTAL (UG/L AS PB)	85	16	65	4	14	3
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	4	2	2	0	4	2
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	2	2	0	0	2	2
01054	MANGANESE, SUSPENDED (UG/L AS MN)	50	0	50	0	5	1
01055	MANGANESE, TOTAL (UG/L AS MN)	78	12	63	3	9	3
01056	MANGANESE, DISSOLVED (UG/L AS MN)	169	80	89	0	27	18
01059	THALLIUM, TOTAL (UG/L AS TL)	7	4	3	0	6	0
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	81	51	30	0	7	5
01065	NICKEL, DISSOLVED (UG/L AS NI)	98	51	47	0	8	5
01066	NICKEL, SUSPENDED (UG/L AS NI)	21	0	21	0	4	1
01067	NICKEL, TOTAL (UG/L AS NI)	31	4	27	0	10	1
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	2	0	2	0	2	0
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	2	2	0	0	1	0
01075	SILVER, DISSOLVED (UG/L AS AG)	154	43	111	0	10	2
01076	SILVER, SUSPENDED (UG/L AS AG)	35	0	35	0	5	1
01077	SILVER, TOTAL (UG/L AS AG)	83	16	64	3	14	3
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	2	0	2	0	2	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	88	51	29	8	10	5
01082	STRONTIUM, TOTAL (UG/L AS SR)	1	0	0	1	1	1
01085	VANADIUM, DISSOLVED (UG/L AS V)	73	43	30	0	3	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	243	43	128	72	22	6
01091	ZINC, SUSPENDED (UG/L ZN)	50	0	50	0	5	1
01092	ZINC, TOTAL (UG/L AS ZN)	87	16	65	6	16	3
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	4	2	2	0	4	2
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	8	8	0	0	4	4
01097	ANTIMONY, TOTAL (UG/L AS SB)	7	4	3	0	6	0
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	2	0	2	0	2	0
01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	1	1	0	0	1	0
01100	TIN, DISSOLVED (UG/L AS SN)	8	8	0	0	4	4
01105	ALUMINUM, TOTAL (UG/L AS AL)	8	4	4	0	8	4
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	78	51	27	0	8	5
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	4	0	4	0	4	1
01130	LITHIUM, DISSOLVED (UG/L AS LI)	85	43	34	8	7	1
01131	LITHIUM, SUSPENDED (UG/L AS LI)	4	0	4	0	4	1
01132	LITHIUM, TOTAL (UG/L AS LI)	5	0	4	1	4	1
01140	SILICON, DISSOLVED (UG/L AS SI)	71	71	0	0	6	6
01145	SELENIUM, DISSOLVED (UG/L AS SE)	165	43	121	1	10	2
01146	SELENIUM, SUSPENDED (UG/L AS SE)	43	0	43	0	5	1
01147	SELENIUM, TOTAL (UG/L AS SE)	85	16	66	3	14	3
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	4	2	2	0	4	2
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	2	2	0	0	1	0
01150	TITANIUM, DISSOLVED (UG/L AS TI)	8	8	0	0	4	4
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	2	2	0	0	2	2
01360	SAMPLE LENGTH CM	3	3	0	0	1	0
01361	SAMPLE LENGTH-MAXIMUM CM	3	3	0	0	1	0
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	10	0	2	8	2	1
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	10	0	2	8	2	1
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	33	13	9	11	6	3
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	22	2	9	11	2	1
04106	RADIUM-228,2 SIG PRECISION,DRY WEIGHT,SED PCI/G	2	2	0	0	2	2
04107	RADIUM-226,2 SIG PRECISION,DRY WEIGHT,SED PCI/G	2	2	0	0	2	2
04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	11	11	0	0	4	2
09507	RADIUM 226 IN SEDIMENT (PC/G OF DRY SOLIDS)	2	2	0	0	2	2
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	2	0	0	2	2	1
09511	RADIUM 226, DISSOLVED, RADON METHOD	31	13	9	9	5	3
22703	URANIUM, NATURAL, DISSOLVED	2	0	0	2	2	1
30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	2	2	0	0	1	1
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	1	1	0	0	1	0
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	1	1	0	0	1	0
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	1	1	0	0	1	0
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	1	1	0	0	1	0
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	1	1	0	0	1	0
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	1	1	0	0	1	0
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	1	1	0	0	1	0
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	1	1	0	0	1	0
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	1	1	0	0	1	0
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	1	1	0	0	1	0
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	1	1	0	0	1	0
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	1	1	0	0	1	0

Parameter Period of Record Tabulation
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Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	1	1	0	0	1	0
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	1	1	0	0	1	0
31201	INVALID PARAMETER	1	0	0	1	1	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	1060	0	533	527	143	10
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	109	12	50	47	8	2
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	57	0	0	57	4	1
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	114	0	0	114	7	1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	483	210	215	58	36	4
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	468	70	398	0	94	7
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	6	0	6	0	2	0
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	230	48	182	0	4	1
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	71	0	57	14	10	3
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	1	0	1	0	1	1
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12	9	3	0	11	3
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12	9	3	0	11	3
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	11	9	2	0	10	3
32104	BROMOFORM,WHOLE WATER,UG/L	11	9	2	0	10	3
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	10	8	2	0	9	2
32106	CHLOROFORM,WHOLE WATER,UG/L	12	9	3	0	11	3
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	153	153	0	0	8	8
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	1	0	1	0	1	0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	8	0	8	0	3	3
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	3	0	3	0	1	0
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	107	0	3	104	9	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	3	0	3	0	3	0
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11	8	3	0	10	2
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	11	8	3	0	10	2
34200	ACENAPHTHYLENE TOTWUG/L	6	4	2	0	5	0
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34205	ACENAPHTHENE TOTWUG/L	6	4	2	0	5	0
34208	ACENAPHTHENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34210	ACROLEIN TOTWUG/L	2	0	2	0	2	0
34213	ACROLEIN DRY WGTBOTUG/KG	2	0	2	0	2	0
34215	ACRYLONITRILE TOTWUG/L	2	0	2	0	2	0
34218	ACRYLONITRILE DRY WGTBOTUG/KG	2	0	2	0	2	0
34220	ANTHRACENE TOTWUG/L	6	4	2	0	5	0
34223	ANTHRACENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	6	4	2	0	5	0
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	2	0	2	0	2	0
34237	BENZENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	6	4	2	0	5	0
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	2	0	2	0	2	0
34247	BENZO-A-PYRENE TOTWUG/L	6	4	2	0	5	0
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34257	B-BHC-BETA DRY WGTBOTUG/KG	2	0	2	0	2	0
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	7	4	3	0	6	0
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	2	0	2	0	2	0
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	2	0	2	0	2	0
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	2	0	2	0	2	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	6	4	2	0	5	0
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	2	0	2	0	2	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	6	4	2	0	5	0
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	6	4	2	0	5	0
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	2	0	2	0	2	0
34290	BROMOFORM DRY WGTBOTUG/KG	2	0	2	0	2	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	6	4	2	0	5	0
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	2	0	2	0	2	0
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	2	0	2	0	2	0
34301	CHLOROBENZENE TOTWUG/L	11	9	2	0	10	3
34304	CHLOROBENZENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34306	CHLORODIBROMOMETHANE TOTWUG/L	1	1	0	0	1	1
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34311	CHLOROETHANE TOTWUG/L	6	4	2	0	6	1
34314	CHLOROETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34318	CHLOROFORM DRY WGTBOTUG/KG	2	0	2	0	2	0
34320	CHRYSENE TOTWUG/L	6	4	2	0	5	0
34323	CHRYSENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34336	DIETHYL PHTHALATE TOTWUG/L	6	4	2	0	5	0

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	2	0	2	0	2	0
34341	DIMETHYL PHTHALATE TOTWUG/L	6	4	2	0	5	0
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	2	0	2	0	2	0
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	2	0	2	0	2	0
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	2	0	2	0	2	0
34351	ENDOSULFAN SULFATE TOTWUG/L	4	4	0	0	3	0
34356	ENDOSULFAN, BETA TOTWUG/L	7	4	3	0	6	0
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	2	0	2	0	2	0
34361	ENDOSULFAN, ALPHA TOTWUG/L	7	4	3	0	6	0
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	2	0	2	0	2	0
34366	ENDRIN ALDEHYDE TOTWUG/L	6	4	2	0	5	0
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	2	0	2	0	2	0
34371	ETHYLBENZENE TOTWUG/L	11	8	3	0	10	2
34374	ETHYLBENZENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34376	FLUORANTHENE TOTWUG/L	6	4	2	0	5	0
34379	FLUORANTHENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34381	FLUORENE TOTWUG/L	6	4	2	0	5	0
34384	FLUORENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	6	4	2	0	5	0
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34391	HEXACHLOROBUTADIENE TOTWUG/L	7	7	0	0	3	0
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	1	1	0	0	1	0
34396	HEXACHLOROETHANE TOTWUG/L	6	4	2	0	5	0
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	6	4	2	0	5	0
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34408	ISOPHORONE TOTWUG/L	6	4	2	0	5	0
34411	ISOPHORONE DRY WGTBOTUG/KG	2	0	2	0	2	0
34413	METHYL BROMIDE TOTWUG/L	5	3	2	0	5	0
34416	METHYL BROMIDE DRY WGTBOTUG/KG	2	0	2	0	2	0
34418	METHYL CHLORIDE TOTWUG/L	6	4	2	0	6	1
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	2	0	2	0	2	0
34423	METHYLENE CHLORIDE TOTWUG/L	12	9	3	0	11	3
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	2	0	2	0	2	0
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	6	4	2	0	5	0
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	2	0	2	0	2	0
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	6	4	2	0	5	0
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	2	0	2	0	2	0
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	2	0	2	0	2	0
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	2	0	2	0	2	0
34445	NAPHTHALENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34447	NITROBENZENE TOTWUG/L	6	4	2	0	5	0
34450	NITROBENZENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34452	PARACHLOROMETA CRESOL TOTWUG/L	6	4	2	0	5	0
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	2	0	2	0	2	0
34461	PHENANTHRENE TOTWUG/L	6	4	2	0	5	0
34464	PHENANTHRENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34469	PYRENE TOTWUG/L	6	4	2	0	5	0
34472	PYRENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34475	TETRACHLOROETHYLENE TOTWUG/L	12	9	3	0	11	3
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34480	THALLIUM DRY WGTBOTMG/KG	2	0	2	0	2	0
34483	TOLUENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	10	8	2	0	9	2
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	2	0	2	0	2	0
34496	1,1-DICHLOROETHANE TOTWUG/L	12	9	3	0	11	3
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12	9	3	0	11	3
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	11	9	2	0	10	3
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	6	4	2	0	6	1
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	6	4	2	0	6	1
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	6	4	2	0	5	0
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	2	0	2	0	2	0
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	6	4	2	0	5	0
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	2	0	2	0	2	0

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	15	13	2	0	10	3
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	11	9	2	0	10	3
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	2	0	2	0	2	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	11	9	2	0	10	3
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	2	0	2	0	2	0
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	9	7	2	0	5	0
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	6	4	2	0	5	0
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34566	1,3-DICHLOROBENZENE TOTWUG/L	15	13	2	0	10	3
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	15	13	2	0	10	3
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	2	0	2	0	2	0
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	2	0	2	0	2	0
34581	2-CHLORONAPHTHALENE TOTWUG/L	6	4	2	0	5	0
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34586	2-CHLOROPHENOL TOTWUG/L	6	4	2	0	5	0
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	2	0	2	0	2	0
34591	2-NITROPHENOL TOTWUG/L	6	4	2	0	5	0
34594	2-NITROPHENOL DRY WGTBOTUG/KG	2	0	2	0	2	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	6	4	2	0	5	0
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	2	0	2	0	2	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	7	4	3	0	6	0
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	2	0	2	0	2	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	6	4	2	0	5	0
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	4	2	2	0	4	2
34611	2,4-DINITROTOLUENE TOTWUG/L	6	4	2	0	5	0
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34616	2,4-DINITROPHENOL TOTWUG/L	6	4	2	0	5	0
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	2	0	2	0	2	0
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	7	4	3	0	6	0
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	2	0	2	0	2	0
34626	2,6-DINITROTOLUENE TOTWUG/L	6	4	2	0	5	0
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	2	0	2	0	2	0
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	4	2	2	0	4	0
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	2	0	2	0	2	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	6	4	2	0	5	0
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	2	0	2	0	2	0
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	6	4	2	0	5	0
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	2	0	2	0	2	0
34646	4-NITROPHENOL TOTWUG/L	6	4	2	0	5	0
34649	4-NITROPHENOL DRY WGTBOTUG/KG	2	0	2	0	2	0
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	6	4	2	0	5	0
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	2	0	2	0	2	0
34668	DICHLORODIFUOROMETHANE TOTWUG/L	10	8	2	0	9	2
34670	PCB - 1260 WET WGTTISMG/KG	2	2	0	0	1	0
34671	PCB - 1016 TOTWUG/L	6	4	2	0	5	0
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	2	0	2	0	2	0
34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	2	0	2	0	2	0
34685	ENDRIN WET WGTTISMG/KG	1	1	0	0	1	0
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	1	1	0	0	1	0
34687	HEPTACHLOR WET WGTTISMG/KG	1	1	0	0	1	0
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	1	1	0	0	1	0
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	7	4	3	0	6	0
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	2	0	2	0	2	0
34696	NAPHTHALENE TOTWUG/L	9	7	2	0	5	0
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	2	0	2	0	2	0
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	5	3	2	0	5	0
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	2	0	2	0	2	0
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	5	3	2	0	5	0
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	1	1	0	0	1	0
34790	SURFACTANTS, AS CTAS, WATER MG/L	1	1	0	0	1	1
34795	ANTIMONY,SED,BOT,	1	1	0	0	1	1
34800	ARSENIC,SED,BOT,WET SIEVE,	1	1	0	0	1	1
34805	BARIUM,SED,BOT,	1	1	0	0	1	1
34810	BERYLLIUM,SED,BOT,WET SIEVE,	1	1	0	0	1	1
34816	BISMUTH,SED,BOT,WET SIEVE,	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34825	CADMIUM,SED,BOT,	1	1	0	0	1	1
34830	CALCIUM,SED,BOT,	1	1	0	0	1	1
34835	CERIUM,SED,BOT,	1	1	0	0	1	1
34840	CHROMIUM,SED,BOT,	1	1	0	0	1	1
34845	COBALT,SED,BOT,	1	1	0	0	1	1
34850	COPPER,SED,BOT,	1	1	0	0	1	1
34855	EUROPIUM,SED,BOT,	1	1	0	0	1	1
34860	GALLIUM,SED,BOT,	1	1	0	0	1	1
34870	GOLD,SED,BOT,	1	1	0	0	1	1
34875	HOLMIUM,SED,BOT,	1	1	0	0	1	1
34880	IRON,SED,BOT,	1	1	0	0	1	1
34885	LANTHANUM,SED,BOT,	1	1	0	0	1	1
34890	LEAD,SED,BOT,	1	1	0	0	1	1
34895	LITHIUM,SED,BOT,	1	1	0	0	1	1
34900	MAGNESIUM,SED,BOT,	1	1	0	0	1	1
34905	MANGANESE,SED,BOT,	1	1	0	0	1	1
34910	MERCURY,SED,BOT,	1	1	0	0	1	1
34915	MOLYBDENUM,SED,BOT,	1	1	0	0	1	1
34920	NEODYMIUM,SED,BOT,	1	1	0	0	1	1
34925	NICKEL,SED,BOT,	1	1	0	0	1	1
34930	NIOBIUM,SED,BOT,	1	1	0	0	1	1
34935	PHOSPHORUS,SED,BOT,	1	1	0	0	1	1
34940	POTASSIUM,SED,BOT,	1	1	0	0	1	1
34945	SCANDIUM,SED,BOT,	1	1	0	0	1	1
34950	SELENIUM,SED,BOT,	1	1	0	0	1	1
34955	SILVER,SED,BOT,	1	1	0	0	1	1
34960	SODIUM,SED,BOT,	1	1	0	0	1	1
34965	STRONTIUM,SED,BOT,	1	1	0	0	1	1
34970	SULFUR,SED,BOT,	1	1	0	0	1	1
34975	TANTALUM,SED,BOT,	1	1	0	0	1	1
34980	THORIUM,SED,BOT,	1	1	0	0	1	1
34985	TIN,SED,BOT,	1	1	0	0	1	1
35000	URANIUM,SED,BOT,	1	1	0	0	1	1
35005	VANADIUM,SED,BOT,	1	1	0	0	1	1
35010	YTTRIUM,SED,BOT,	1	1	0	0	1	1
35015	YTTERBIUM,SED,BOT,	1	1	0	0	1	1
35020	ZINC,SED,BOT,	1	1	0	0	1	1
38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	3	3	0	0	3	0
38680	CHLOROTOLUENE,2-, TOTAL, WATER UG/L	1	1	0	0	1	1
38824	ISOPROPALIN TISWETWGTMG/KG	1	1	0	0	1	0
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	4	0	4	0	1	0
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	7	4	3	0	6	0
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	9	5	4	0	5	3
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	2	0	2	0	2	0
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	1	1	0	0	1	0
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	1	1	0	0	1	0
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	1	1	0	0	1	0
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	2	0	2	0	2	0
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	51	51	0	0	6	3
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	7	4	3	0	6	0
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	2	0	2	0	2	0
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	7	4	3	0	6	0
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	2	0	2	0	2	0
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2	0
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	2	0	2	0	2	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	11	9	2	0	10	3
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12	9	3	0	11	3
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	11	5	6	0	5	3
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	3	2	1	0	3	3
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	2	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	2	2	0	0	1	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5	0
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	2	0
39312	P P DDD IN TISSUE WET WGT (UG/G)	2	2	0	0	1	0
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5	0
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	0	2	0	2	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	3	3	0	0	2	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	34	9	24	1	10	3
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	13	2	9	2	5	3

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	7	4	3	0	6	0
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	6	4	2	0	5	0
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	35	9	25	1	11	3
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	13	2	9	2	5	3
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	34	9	24	1	10	3
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	13	2	9	2	5	3
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	28	5	22	1	5	3
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11	2	7	2	3	3
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	28	5	22	1	5	3
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11	2	7	2	3	3
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	28	5	22	1	5	3
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11	2	7	2	3	3
39377	DDT TOTAL IN TISSUE, FAT BASIS (UG/G)	1	0	1	0	1	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	34	9	24	1	10	3
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	13	2	9	2	5	3
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	11	5	6	0	5	3
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	3	2	1	0	3	3
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	34	9	24	1	10	3
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	13	2	9	2	5	3
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	21	0	21	0	2	1
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	33	9	24	0	10	3
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11	2	9	0	5	3
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	1	1	0	0	1	0
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	35	9	25	1	11	3
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	13	2	9	2	5	3
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	34	9	24	1	10	3
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	13	2	9	2	5	3
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	22	5	17	0	5	3
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	3	2	1	0	3	3
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	6	4	2	0	5	0
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	2	0	2	0	2	0
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	6	4	2	0	5	0
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	2	0	2	0	2	0
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	6	4	2	0	5	0
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	2	0	2	0	2	0
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	6	4	2	0	5	0
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	2	0	2	0	2	0
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	8	4	4	0	6	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	2	0	2	0	2	0
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	6	4	2	0	5	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	2	0	2	0	2	0
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	2	0	2	0	2	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	19	5	13	1	5	3
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10	2	7	1	3	3
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	23	0	22	1	2	1
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	0	1	1	1
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	23	0	22	1	2	1
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	0	1	1	1
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	23	0	22	1	2	1
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	1	0	0	1	1	1
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	23	0	22	1	2	1
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	1	0	0	1	1	1
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	6	0	6	0	1	0
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5	0
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	2	0	2	0	2	0
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	2	0	2	0	2	0
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	2	0	2	0	2	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	22	5	16	1	5	3
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	2	0	0	2	2
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	22	5	16	1	5	3
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	2	0	0	2	2
39755	MIREX, TOTAL (UG/L)	10	5	5	0	5	3
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	3	2	1	0	3	3

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	22	5	16	1	5	3
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	2	0	0	2	2
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	1	1	0	0	1	0
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	21	0	21	0	2	1
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	21	0	21	0	2	1
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	1	1	0	0	1	0
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	96	96	0	0	7	1
49237	ALUMINUM, DRY WEIGHT, TISSUE/BIOTA,RECV UG/G	1	1	0	0	1	1
49238	BARIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49239	BORON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49240	CHROMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49241	COPPER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49242	IRON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49243	MANGANESE, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49244	STRONTIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49245	ZINC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49246	ANTIMONY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49247	ARSENIC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49248	BERYLLIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49249	CADMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49250	COBALT, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49251	LEAD, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49252	MOLYBDENUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49253	NICKEL, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49254	SELENIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49255	SILVER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49257	URANIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49258	MERCURY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49261	ALPHA-BHC,D6, WET WT.,TISSUE,WHOLE ORG,RECV %	1	1	0	0	1	1
49264	BIPHENYL,3,5-DICHLORO-,WET WT,TISS,WHL ORG,RECV %	1	1	0	0	1	1
49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	1	1	0	0	1	1
49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	1	1	0	0	1	1
49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	1	1	0	0	1	1
49270	CARBON,INORGANIC, DRY WT,SEDIMENT,RECV,SIEVE	1	1	0	0	1	1
49271	CARBON,ORGANIC,DRY WT,SEDIMENT,RECV,SIEVE	1	1	0	0	1	1
49272	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	1	1	0	0	1	1
49273	WATER PRESENT,DRY WT,TISSUE/BIOTA,LIVER,RECV UG/G	1	1	0	0	1	1
49274	TITANIUM, DRY WT, SIEVE	1	1	0	0	1	1
49275	ALPHA-BHC,D6, DRY WT,SIEVE	1	1	0	0	1	1
49276	OCTACHLOROBIPHENYL,DRY WT,SIEVE	1	1	0	0	1	1
49277	BIPHENYL,3,5-DICHLORO-,DRY WT,SIEVE	1	1	0	0	1	1
49278	TERPHENYL,D14-,DRY WT,SIEVE	1	1	0	0	1	1
49279	BIPHENYL, 2-FLUORO,DRY WT,SIEVE	1	1	0	0	1	1
49280	BENZENE,NITRO-,D5,DRY WT,SIEVE	1	1	0	0	1	1
49289	LIPIDS, WET WEIGHT, TISSUE, WHOLE ORGANISM,RECV %	1	1	0	0	1	1
49316	NONACHLOR,CIS-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49317	NONACHLOR,TRANS-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49318	OXYCHLORDANE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49319	ALDRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49320	CHLORDANE, CIS-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49321	CHLORDANE,TRANS-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49322	CHLORONEB,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49324	DCPA,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49325	DDD,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49326	DDD,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49327	DDE,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49328	DDE,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49329	DDT,O,P'-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49330	DDT,P,P'-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49331	DIELDRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49332	ENDOSULFAN I,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49335	ENDRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49338	ALPHA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49339	BETA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49341	HEPTACHLOR,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49342	HEPTACHLOR EPOXIDE,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49343	HEXACHLOROBENZENE,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49344	ISODRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49345	LINDANE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49346	METHOXYCHLOR,P,P'-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49347	METHOXYCHLOR,O,P'-,DRY WT,SED,SIEVE	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49348	MIREX,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49349	PERMETHRIN,CIS-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49350	PERMETHRIN,TRANS-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49351	TOXAPHENE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49353	ALDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49354	PCB, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49355	TOXAPHENE, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49356	PENTACHLOROANISOLE,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	1
49357	OXYCHLORDANE,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49358	NONACHLOR,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49359	NONACHLOR,CIS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49360	MIREX,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49361	METHOXYCHLOR,P,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	1
49362	METHOXYCHLOR,O,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	1
49363	LINDANE,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49364	DELTA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49365	BETA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49366	ALPHA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49367	HEXACHLOROBENZENE,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49368	HEPTACHLOR EPOXIDE,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	1
49369	HEPTACHLOR,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49370	ENDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49371	DIELDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49372	DDE,P,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49373	DDE,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49374	DDD,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49375	DDD,P,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49376	DDT,P,P',WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49377	DDT,O,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49378	DCPA,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49379	CHLORDANE,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49380	CHLORDANE,CIS-,WET WEIGHT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	1
49381	DIBUTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49382	DIOCTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49383	DIETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49384	DIMETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49387	PYRENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49388	METHYLPYRENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49389	METHYLBENZO(A)PYRENE,DRY WT,SED,SIEVE	1	1	0	0	1	1
49390	METHYLINDENO(1,2,3-CD)PYRENE,DRY WT,SEV	1	1	0	0	1	1
49391	BIQUINOLINE,2,2'-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49392	QUINOLINE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49393	PHENANTHRIDINE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49394	ISOQUINOLINE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49395	TOLUENE, 2,4-DINITRO-,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49396	TOLUENE, 2,6-DINITRO-,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49397	BENZO(K)FLUORANTHENE,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49398	METHYL-9H-FLUORENE,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49399	FLUORENE,9H-,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49400	ISOPHORONE,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49401	METHANE, BIS(2-CHLOROETHOXY),DRY WT,SEV	1	1	0	0	1	1
49402	NAPHTHALENE, DRY WEIGHT, SIEVE	1	1	0	0	1	1
49403	NAPHTHALENE, 1,2-DIMETHYL-,DRY WT,SIEVE	1	1	0	0	1	1
49404	NAPHTHALENE, 1,6-DIMETHYL-,DRY WT,SIEVE	1	1	0	0	1	1
49405	NAPHTHALENE, 2,3,6-TRIMETHYL-,DRY WT,SEV	1	1	0	0	1	1
49406	NAPHTHALENE, 2,6-DIMETHYL-,DRY WT,SIEVE	1	1	0	0	1	1
49407	NAPHTHALENE, 2-CHLORO-,DRY WT,SIEVE	1	1	0	0	1	1
49408	BENZO(G,H,I)PERYLENE,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49409	PHENANTHRENE,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49410	METHYLPHENANTHRENE,DRY WT,SIEVE	1	1	0	0	1	1
49411	CYCLOPENTA(DEF)PHENANTHRENE, 4H-,DRY WT,SEV	1	1	0	0	1	1
49413	PHENOL,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49419	PHENOL, 2-METHYL-4,6-DINITRO-,DRY WT,SEV	1	1	0	0	1	1
49421	XYLENOL, 3,5-,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49422	M-CRESOL, 4-CHLORO-,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49424	PHENOL, C8-ALKYL-,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49426	PHTHALATE, BIS(2-ETHYLHEXYL)-,DRY WT,SEV	1	1	0	0	1	1
49427	PHTHALATE, BUTYL BENZYL, DRY WT,SED,SEV	1	1	0	0	1	1
49428	ACENAPHTHYLENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49429	ACENAPHTHENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49430	ACRIDINE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49431	N-NITROSO-DIPROPYLAMINE,DRY WT,SED,SIEVE	1	1	0	0	1	1
49433	N-NITROSO-DIPHENYLAMINE,DRY WT,SED,SEV	1	1	0	0	1	1
49434	ANTHRACENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49435	ANTHRACENE, 2-METHYL-,DRY WEIGHT,SED,SEV	1	1	0	0	1	1
49436	BENZ(A)ANTHRACENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49437	ANTHRAQUINONE, 9, 10-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49438	BENZENE, 1,2,4-TRICHLORO-,DRY WT,SED,SEV	1	1	0	0	1	1
49439	BENZENE, O-DICHLORO-,SED,SIEVE	1	1	0	0	1	1
49441	BENZENE, M-DICHLORO-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49442	BENZENE, P-DICHLORO-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49443	AZOBENZENE,DRY WT,SED,SIEVE	1	1	0	0	1	1
49444	BENZENE, NITRO-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49446	BENZENE,PENTACHLORONITRO-,DRY WT,SIEVE	1	1	0	0	1	1
49449	CARBAZOLE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49450	CHRYSENE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49451	P-CRESOL,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49452	DIBENZOTHIOPHENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49454	BROMOPHENYL, 4-PHENYL ETHER,SED,SIEVE	1	1	0	0	1	1
49455	CHLOROPHENYL,4-PHENYL ETHER,SED,SIEVE	1	1	0	0	1	1
49458	BENZO(B)FLUORANTHENE,DRY WT,SIEVE	1	1	0	0	1	1
49459	PCB,DRY WEIGHT,BED MATERIAL,SIEVE	1	1	0	0	1	1
49460	PENTACHLOROANISOLE,DRY WT,BED MAT,SIEVE	1	1	0	0	1	1
49461	DIBENZ(A,H)ANTHRACENE,DRY WT,SIEVE	1	1	0	0	1	1
49465	VANADIUM,BIOTA,TISSUE,LIVER,DRY WEIGHT,RECV UG/G	1	1	0	0	1	1
49466	FLUORANTHENE,SED,BED MAT,WET SIEV	1	1	0	0	1	1
49467	PHENOL, O-CHLORO,SED,BED MAT,WETSEV	1	1	0	0	1	1
49468	BENZO(C)CINNOLINE,SED,BED MAT,WETSEV	1	1	0	0	1	1
49490	VISUAL OBSERVATION, SUSPENDED, WATER CODE	1	1	0	0	1	1
49547	BROMOMETHANE, TOTAL, WATER UG/L	1	1	0	0	1	1
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	14	0	0	14	2	0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	15	15	0	0	5	5
50064	CHLORINE, FREE AVAILABLE (MG/L)	15	15	0	0	5	5
50938	ANION - CATION RATIO	37	37	0	0	20	20
60050	ALGAE, TOTAL (CELLS/ML)	49	0	48	1	2	0
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	4	4	0	0	4	3
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	1	0	1	0	1	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	654	105	252	297	52	30
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	319	3	217	99	35	9
70302	SOLIDS, DISSOLVED-TONS PER DAY	311	0	174	137	9	1
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	399	0	229	170	30	3
70305	SALINITY BASED ON CONDUCTIVITY	416	26	158	232	22	0
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	2	2	0	0	1	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	81	1	79	1	5	2
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	4	0	4	0	3	1
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	5	0	5	0	3	1
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	4	0	4	0	2	0
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	5	0	5	0	3	1
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	4	0	4	0	3	1
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	5	0	5	0	3	1
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	4	0	4	0	3	1
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	5	0	5	0	3	1
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	5	0	5	0	3	1
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	5	0	5	0	3	1
70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	1	0	1	0	1	1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	128	21	105	2	57	4
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	8	0	8	0	2	0
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	19	0	19	0	3	0
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	19	0	19	0	3	0
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	1	1	0	0	1	0
71090	BIVALVE SPECIES CODE	1385	0	235	1150	31	0
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	1385	0	235	1150	31	0
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	1385	0	235	1150	31	0
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	1058	0	164	894	31	0
71094	OBSERVED # NEW EMBRYOS INTRODUCED	71	0	71	0	23	0
71095	NORMAL DEVELOPED LARVAE	1385	0	235	1150	31	0
71096	ABNORMAL BIVALVE MULLOSC LARVAE	1385	0	235	1150	31	0
71825	ACIDITY, TOTAL (MG/L AS H)	4	0	4	0	4	1
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	91	0	91	0	18	2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	78	2	76	0	4	1
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11	0	0	11	9	6
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	177	4	1	172	17	5

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	8	0	1	7	3	0
71870	BROMIDE (MG/L AS BR)	8	8	0	0	8	8
71885	IRON (UG/L AS FE)	5	4	0	1	5	3
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	163	5	158	0	8	2
71887	NITROGEN, TOTAL, AS NO3 - MG/L	195	0	193	2	41	2
71890	MERCURY, DISSOLVED (UG/L AS HG)	114	35	79	0	7	1
71895	MERCURY, SUSPENDED (UG/L AS HG)	43	0	43	0	5	1
71900	MERCURY, TOTAL (UG/L AS HG)	126	16	106	4	21	3
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	4	2	2	0	4	2
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	1	1	0	0	1	0
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	1	1	0	0	1	0
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	2	2	0	0	1	0
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	2	2	0	0	1	0
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	1	1	0	0	1	0
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	2	2	0	0	1	0
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	1	1	0	0	1	0
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	23	0	9	14	7	0
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)	4	0	4	0	4	0
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)	4	0	4	0	4	0
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES	4	0	4	0	4	0
72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	1	0	0	1	1	0
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	4	0	4	0	4	0
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	4	0	4	0	4	0
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	4	4	0	0	4	3
72025	DEPTH OF POND OR RESERVOIR IN FEET	9	0	9	0	3	3
73076	RETENE, TOTAL, WATER UG/L	4	4	0	0	3	0
73085	CHLOROBROMOMETHANE, TOTAL, WATER UG/L	3	3	0	0	3	0
73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	4	4	0	0	3	0
73605	BENZENAMINE, 4-NITRO- TOTWUG/L	4	4	0	0	3	0
75977	RADIUM 228,DRY WEIGHT,SEDIMENT PC/G	2	2	0	0	2	2
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	11	11	0	0	4	2
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	11	11	0	0	4	2
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	11	11	0	0	4	2
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	11	11	0	0	4	2
76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	11	11	0	0	4	2
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	11	11	0	0	4	2
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	1	1	0	0	1	0
77041	CARBON DISULFIDE WHOLE WATER,UG/L	3	3	0	0	3	0
77057	VINYL ACETATE WHOLE WATER,UG/L	3	3	0	0	3	0
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	9	9	0	0	8	3
77103	2-HEXANONE WHOLE WATER,UG/L	3	3	0	0	3	0
77128	STYRENE WHOLE WATER,UG/L	9	9	0	0	8	3
77135	O-XYLENE WHOLE WATER,UG/L	1	1	0	0	1	1
77146	P-CRESOL WHOLE WATER,UG/L	4	4	0	0	3	0
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	4	4	0	0	3	0
77152	O-CRESOL WHOLE WATER,UG/L	4	4	0	0	3	0
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	4	4	0	0	4	1
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	1	1	0	0	1	1
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	4	4	0	0	4	1
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	3	3	0	0	3	0
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	3	3	0	0	3	0
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	3	3	0	0	3	0
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	3	3	0	0	3	0
77247	BENZOIC ACID WHOLE WATER,UG/L	4	4	0	0	3	0
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	3	3	0	0	3	0
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	4	4	0	0	4	1
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	3	3	0	0	3	0
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	3	3	0	0	3	0
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	3	3	0	0	3	0
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	3	3	0	0	3	0
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	4	4	0	0	3	0
77418	1-METHYLNAPHTHALENE WHOLE WATER,UG/L	4	4	0	0	3	0
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	4	4	0	0	4	1
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	4	4	0	0	4	1
77571	CARBAZOLE WHOLE WATER,UG/L	4	4	0	0	3	0
77596	METHYLENE BROMIDE WHOLE WATER,UG/L	4	4	0	0	4	1
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	3	3	0	0	3	0
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	3	3	0	0	3	0
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	5	5	0	0	4	2
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	4	4	0	0	3	0
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	1	1	0	0	1	0

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	1	1	0	0	1	1
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	1	1	0	0	1	1
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	1	1	0	0	1	1
78133	4-METHYL-2-PENTANONE IN WATER UG/L	3	3	0	0	3	0
78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	4	4	0	0	3	0
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	4	4	0	0	3	0
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	1	1	0	0	1	0
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	1	1	0	0	1	0
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	1	1	0	0	1	0
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	1	1	0	0	1	0
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	20	2	9	9	1	1
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	33	13	9	11	6	3
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	22	2	9	11	2	1
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	33	13	9	11	6	3
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	22	2	9	11	2	1
80107	SULFUR, TOTAL (MG/L)	8	8	0	0	4	4
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	866	68	715	83	12	3
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	670	0	587	83	11	2
80156	TOTAL SED DISCHARGE(SUSP PLUS BED LOAD)(TONS/DAY)	6	0	6	0	3	1
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	1	0	1	0	1	1
80158	BED MATERIAL FALL DIAMETER, % FINER THAN .062MM	1	0	1	0	1	1
80159	BED MATERIAL FALL DIAMETER, % FINER THAN .125MM	3	0	3	0	3	1
80160	BED MATERIAL FALL DIAMETER, % FINER THAN .250MM	3	0	3	0	3	1
80161	BED MATERIAL FALL DIAMETER, % FINER THAN .500MM	3	0	3	0	3	1
80162	BED MATERIAL FALL DIAMETER, % FINER THAN 1.00MM	3	0	3	0	3	1
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	3	0	3	0	3	1
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	3	0	3	0	3	1
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	3	0	3	0	3	1
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	3	0	3	0	3	1
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	5	0	5	0	3	1
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	5	0	5	0	3	1
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	5	0	5	0	3	1
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	5	0	5	0	3	1
80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	4	0	4	0	2	0
80173	BED MATERIAL SIEVE DIAMETER,% FINER THAN 32.0MM	3	0	3	0	2	0
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	4	4	0	0	4	3
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	4	4	0	0	3	0
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	1	1	0	0	1	0
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	11	11	0	0	4	2
81551	XYLENE WHL WATER SMPL UG/L	8	8	0	0	7	2
81552	ACETONE WHL WATER SMPL UG/L	3	3	0	0	3	0
81555	BROMOBENZENE WHL WATER SMPL UG/L	4	4	0	0	4	1
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	3	3	0	0	3	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	3	3	0	0	1	0
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	1	0	1	0	1	0
81624	TOTAL PCBS IN SHELLFISH TISSUE DRY WEIGHT UG/KG	1	0	1	0	1	0
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	1	0	1	0	1	0
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	1	0	1	0	1	0
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	0
81628	NICKEL IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	0
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	0
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	0
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	1	0	1	0	1	0
81637	SHELLFISH SPECIES NUMERIC CODE	1	0	1	0	1	0
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	1	1	0	0	1	0
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	1	1	0	0	1	0
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	1	1	0	0	1	0
81655	CALCIUM IN FISH TISSUE WET WEIGHT MG/KG	2	2	0	0	1	0
81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	2	2	0	0	1	0
81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	1	1	0	0	1	0
81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	2	2	0	0	1	0
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	1	1	0	0	1	0
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	1	1	0	0	1	0
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	1	1	0	0	1	0
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	3	2	1	0	3	3
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	1	1	0	0	1	0
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	4	4	0	0	4	3
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	28	0	28	0	4	1
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	101	101	0	0	7	1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	465	465	0	0	16	7
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	9	5	4	0	5	3

Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Parameter Code	Name	Total Obs	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
82398	SAMPLING METHOD (CODES)	87	42	43	2	7	4
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	45	5	35	5	45	14
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	45	5	35	5	45	14
84007	ANATOMY ALPHA CODE	5	4	1	0	3	0
84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	1	0	1	0	1	0
84009	SHELLFISH SPECIES ALPHANUMERIC CODE	1	0	1	0	1	0
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	7	0	7	0	1	1
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
85682	NITROFEN TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
85683	PERTHANE TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	1	1	0	0	1	0
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	1	1	0	0	1	1

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0001	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/28/80-03/28/80	0	1	
OLYM0009	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-07/15/74	12	64	
OLYM0010	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	33	
OLYM0011	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	22	
OLYM0012	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	51	
OLYM0013	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-10/31/72	2	9	
OLYM0015	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/27/80-03/27/80	0	2	
OLYM0016	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/27/74-08/27/74	0	2	
OLYM0017	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-10/31/72	2	9	
OLYM0019	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	52	
OLYM0021	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-10/31/72	2	21	
OLYM0022	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	45	
OLYM0023	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/14/72-06/14/72	0	5	
OLYM0024	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/14/72-06/14/72	0	6	
OLYM0025	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	43	
OLYM0026	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	87	
OLYM0027	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/51-12/10/63	12	75	
OLYM0029	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	53	
OLYM0030	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	67	
OLYM0031	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	0	4	
OLYM0032	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/14/72-06/14/72	0	6	
OLYM0033	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	0	3	
OLYM0034	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	0	6	
OLYM0035	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/73-08/18/76	3	18	
OLYM0037	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-08/30/63	0	25	
OLYM0038	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/55-05/07/67	12	73	
OLYM0039	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	0	19	
OLYM0040	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/16/70	2	40	
OLYM0041	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/26/63-07/27/63	0	6	
OLYM0042	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	0	31	
OLYM0043	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-12/10/63	0	28	
OLYM0044	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	12	
OLYM0045	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	18	
OLYM0046	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	0	59	
OLYM0047	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	21	
OLYM0048	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	15	
OLYM0049	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	14	129	
OLYM0050	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	0	54	
OLYM0051	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/14/72-06/14/72	0	6	
OLYM0052	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/16/70	2	50	
OLYM0053	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/21/87-12/16/87	0	3	
OLYM0054	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-08/30/63	0	10	
OLYM0055	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/11/62-09/11/62	0	3	
OLYM0056	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/63-10/29/63	0	9	
OLYM0057	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	14	51	
OLYM0058	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/62-09/11/62	0	9	
OLYM0059	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	14	66	
OLYM0061	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/62-09/11/62	0	8	
OLYM0062	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/62-09/10/62	0	3	
OLYM0063	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-01/09/64	1	39	
OLYM0064	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/14/72-06/14/72	0	6	
OLYM0065	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	9	
OLYM0066	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	44	
OLYM0067	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	0	4	
OLYM0068	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	14	65	
OLYM0069	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	7	83	
OLYM0070	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	0	5	
OLYM0071	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/63-10/29/63	0	6	
OLYM0072	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/30/63-08/30/63	0	6	
OLYM0073	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/21/87-10/21/87	0	1	
OLYM0074	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	0	11	
OLYM0075	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-12/10/63	0	34	
OLYM0076	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	0	68	
OLYM0077	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	18	
OLYM0078	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	21	
OLYM0079	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	12	
OLYM0080	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-08/30/63	0	7	
OLYM0081	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-01/09/64	0	13	
OLYM0082	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	9	
OLYM0083	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-01/09/64	0	22	
OLYM0084	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/63-10/29/63	0	3	
OLYM0085	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-10/29/63	0	34	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0086	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/63-06/26/63	0	9	
OLYM0087	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/63-09/08/63	0	3	
OLYM0088	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-07/27/63	0	5	
OLYM0089	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-08/30/63	0	11	
OLYM0090	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-07/27/63	0	3	
OLYM0091	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	0	5	
OLYM0092	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-08/30/63	0	10	
OLYM0093	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	14	91	
OLYM0094	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	0	6	
OLYM0095	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/16/70	2	50	
OLYM0096	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	100	
OLYM0097	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	0	19	
OLYM0098	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	82	
OLYM0099	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-01/09/64	1	20	
OLYM0100	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-04/18/63	0	12	
OLYM0101	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-08/30/63	0	10	
OLYM0102	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-12/10/63	0	10	
OLYM0103	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	0	19	
OLYM0104	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/10/63-12/10/63	0	7	
OLYM0105	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/16/70	2	52	
OLYM0106	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	15	
OLYM0107	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	18	
OLYM0108	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	12	
OLYM0109	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-12/10/63	0	16	
OLYM0110	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-10/29/63	0	23	
OLYM0111	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/63-10/29/63	0	5	
OLYM0112	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-07/27/63	0	5	
OLYM0113	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/63-03/08/63	0	5	
OLYM0114	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-07/27/63	0	19	
OLYM0115	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/63-03/08/63	0	6	
OLYM0116	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	15	
OLYM0117	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	18	
OLYM0118	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	12	
OLYM0119	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-02/03/63	0	4	
OLYM0120	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-02/03/63	0	5	
OLYM0121	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	0	4	
OLYM0122	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-01/09/64	0	46	
OLYM0123	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-10/29/63	1	19	
OLYM0124	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/26/63-01/09/64	0	20	
OLYM0125	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-01/09/64	0	16	
OLYM0126	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/63-12/10/63	0	20	
OLYM0127	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-04/18/63	0	9	
OLYM0128	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/63-08/30/63	0	11	
OLYM0129	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	14	82	
OLYM0130	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/26/63-06/26/63	0	6	
OLYM0131	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-02/03/63	0	4	
OLYM0138	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-01/09/64	0	24	
OLYM0139	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	12	
OLYM0140	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-08/30/63	0	15	
OLYM0141	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/63-10/29/63	0	4	
OLYM0142	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/27/74-08/27/74	0	8	
OLYM0143	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-01/09/64	0	41	
OLYM0144	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/16/70	2	52	
OLYM0145	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	2	12	
OLYM0146	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	20	260	
OLYM0147	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	14	41	
OLYM0148	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/25/75-08/18/76	0	11	
OLYM0149	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/06/78-06/08/78	0	2	
OLYM0150	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/06/78-06/08/78	0	2	
OLYM0160	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	14	10	
OLYM0161	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/25/73-09/25/73	0	1	
OLYM0176	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/14/85-11/14/85	0	2	
OLYM0178	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	14	39	
OLYM0179	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/10/67-08/10/67	0	7	
OLYM0184	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	0	60	
OLYM0185	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	0	6	
OLYM0187	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	0	6	
OLYM0190	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	0	6	
OLYM0193	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	0	6	
OLYM0196	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	0	60	
OLYM0210	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	0	6	
OLYM0215	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	0	6	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0220	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/10/68-06/10/68	0	10	
OLYM0230	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/19/53-09/12/64	11	53	
OLYM0252	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/67-09/16/70	2	48	
OLYM0314	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/12/76-08/12/76	0	1	
OLYM0331	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/67-09/16/70	2	41	
OLYM0340	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/64-09/12/64	0	7	
OLYM0344	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/67-09/16/70	2	44	
OLYM0348	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/77-09/08/77	0	2	
OLYM0349	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/76-09/10/76	0	2	
OLYM0351	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/76-09/10/76	0	3	
OLYM0352	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-08/19/76	0	9	
OLYM0355	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/01/93-03/29/94	0	96	
OLYM0363	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/10/76	0	27	
OLYM0364	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/31/75-10/29/75	0	23	
OLYM0366	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/01/93-03/29/94	0	112	
OLYM0369	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/76-09/10/76	0	3	
OLYM0370	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/10/76	0	18	
OLYM0371	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/93-07/18/94	0	12	
OLYM0373	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/10/76	0	26	
OLYM0374	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/76-09/08/77	1	18	
OLYM0375	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/76-09/10/76	0	3	
OLYM0376	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/93-07/18/94	0	12	
OLYM0377	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/93-07/18/94	0	12	
OLYM0378	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/01/93-02/22/94	0	76	
OLYM0379	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/12/76-09/08/77	1	28	
OLYM0380	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/10/76	0	37	
OLYM0381	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/76-08/19/76	0	1	
OLYM0382	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/76-08/19/76	0	1	
OLYM0383	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/76-08/19/76	0	1	
OLYM0384	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/10/76	0	34	
OLYM0385	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/76-08/19/76	0	4	
OLYM0386	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/31/75-10/29/75	0	20	
OLYM0389	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/08/77	1	43	
OLYM0390	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/08/77	1	21	
OLYM0391	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/93-07/18/94	0	12	
OLYM0392	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/31/75-10/29/75	0	17	
OLYM0394	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/01/93-03/29/94	0	69	
OLYM0400	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/76-11/10/76	0	98	
OLYM0406	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/10/76-08/10/76	0	1	
OLYM0302	No	00004	STREAM WIDTH (FEET)	12/14/79-12/14/79	0	1	
OLYM0316	No	00004	STREAM WIDTH (FEET)	02/09/79-12/14/79	0	2	
OLYM0001	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/28/80-03/28/80	0	2	
OLYM0002	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/25/93-08/27/97	3	44	
OLYM0005	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/25/93-09/26/94	0	12	
OLYM0015	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/27/80-03/27/80	0	2	
OLYM0028	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/02/72-10/31/72	0	6	
OLYM0040	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/25/69-09/16/70	1	32	
OLYM0052	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/22/69-09/16/70	1	38	
OLYM0053	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/21/87-12/16/87	0	3	
OLYM0060	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/30/72-11/05/72	0	7	
OLYM0069	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/22/69-09/16/70	1	37	
OLYM0095	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/22/69-09/16/70	1	38	
OLYM0105	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/22/69-09/16/70	1	40	
OLYM0132	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/12/73-09/12/73	0	1	
OLYM0133	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/12/73-09/12/73	0	1	
OLYM0134	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/12/73-09/12/73	0	1	
OLYM0135	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/12/73-09/12/73	0	1	
OLYM0136	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/12/73-09/12/73	0	1	
OLYM0137	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	09/12/73-09/12/73	0	1	
OLYM0144	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/22/69-09/16/70	1	40	
OLYM0146	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/22/69-11/09/87	18	184	
OLYM0149	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/06/78-06/08/78	0	2	
OLYM0150	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	06/06/78-06/08/78	0	2	
OLYM0162	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/26/93-08/26/97	3	46	
OLYM0176	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	01/23/74-08/13/75	1	4	
OLYM0213	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/26/93-09/27/94	0	12	
OLYM0245	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/26/93-08/26/97	3	46	
OLYM0252	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/25/69-09/16/70	1	38	
OLYM0265	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/26/93-09/27/94	0	12	
OLYM0279	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	10/26/93-09/27/94	0	12	
OLYM0331	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/17/69-09/16/70	1	31	
OLYM0344	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	02/25/69-09/16/70	1	33	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0364	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/31/75-10/29/75	0	23	
OLYM0386	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/31/75-10/29/75	0	20	
OLYM0392	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/31/75-10/29/75	0	17	
OLYM0393	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/22/89-08/22/89	0	3	
OLYM0395	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/22/89-08/22/89	0	3	
OLYM0397	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/22/89-08/22/89	0	5	
OLYM0165	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	01/12/83-07/18/85	2	28	
OLYM0176	Yes	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	08/14/84-05/28/86	1	31	
OLYM0258	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	02/29/84-11/18/92	8	97	
OLYM0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/93-09/30/97	3	46	
OLYM0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/60-09/16/74	14	23	
OLYM0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/72-09/16/74	1	11	
OLYM0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/93-09/26/94	0	12	
OLYM0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/85-09/27/85	0	1	
OLYM0008	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	23	108	
OLYM0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	18	
OLYM0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	12	
OLYM0012	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	27	
OLYM0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/72-10/31/72	0	6	
OLYM0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/72-10/31/72	0	6	
OLYM0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	8	
OLYM0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/72-10/31/72	0	14	
OLYM0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	7	
OLYM0025	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	8	
OLYM0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	5	
OLYM0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/51-12/10/63	12	75	
OLYM0029	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/76-08/18/76	0	4	
OLYM0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/73-08/18/76	3	27	
OLYM0031	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	0	4	
OLYM0033	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	0	3	
OLYM0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	0	6	
OLYM0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/73-08/18/76	3	10	
OLYM0037	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-08/30/63	0	25	
OLYM0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/55-05/07/67	12	73	
OLYM0039	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	0	19	
OLYM0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/16/70	2	40	
OLYM0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/63-07/27/63	0	6	
OLYM0042	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	0	31	
OLYM0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-12/10/63	0	28	
OLYM0044	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	8	
OLYM0045	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	12	
OLYM0046	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	0	58	
OLYM0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	14	
OLYM0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	10	
OLYM0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	30	
OLYM0050	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	0	54	
OLYM0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/16/70	2	50	
OLYM0054	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-08/30/63	0	10	
OLYM0056	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/08/63-10/29/63	0	9	
OLYM0057	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/76-08/18/76	0	4	
OLYM0059	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	4	
OLYM0063	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-01/09/64	1	36	
OLYM0065	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	6	
OLYM0066	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	24	
OLYM0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	0	4	
OLYM0068	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	5	
OLYM0069	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	7	83	
OLYM0070	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	0	5	
OLYM0071	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/29/63-10/29/63	0	6	
OLYM0072	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/63-08/30/63	0	6	
OLYM0074	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	0	11	
OLYM0075	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-12/10/63	0	32	
OLYM0076	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	0	67	
OLYM0077	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	12	
OLYM0078	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	14	
OLYM0079	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	8	
OLYM0080	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-08/30/63	0	7	
OLYM0081	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-01/09/64	0	13	
OLYM0082	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	6	
OLYM0083	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-01/09/64	0	22	
OLYM0084	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/29/63-10/29/63	0	3	
OLYM0085	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-10/29/63	0	34	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0086	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/63-06/26/63	0	9	
OLYM0087	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/08/63-09/08/63	0	3	
OLYM0088	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-07/27/63	0	5	
OLYM0089	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-08/30/63	0	11	
OLYM0090	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-07/27/63	0	3	
OLYM0091	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	0	5	
OLYM0092	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-08/30/63	0	10	
OLYM0093	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	17	
OLYM0094	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	0	6	
OLYM0095	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/16/70	2	50	
OLYM0096	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	33	
OLYM0097	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	0	18	
OLYM0098	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	24	
OLYM0099	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-01/09/64	1	20	
OLYM0100	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-04/18/63	0	12	
OLYM0101	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-08/30/63	0	10	
OLYM0102	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-12/10/63	0	10	
OLYM0103	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	0	19	
OLYM0104	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/10/63-12/10/63	0	7	
OLYM0105	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/16/70	2	51	
OLYM0106	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	10	
OLYM0107	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	12	
OLYM0108	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	8	
OLYM0109	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-12/10/63	0	16	
OLYM0110	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-10/29/63	0	23	
OLYM0111	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/29/63-10/29/63	0	5	
OLYM0112	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-07/27/63	0	5	
OLYM0113	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/63-03/08/63	0	5	
OLYM0114	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-07/27/63	0	19	
OLYM0115	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/63-03/08/63	0	6	
OLYM0116	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	10	
OLYM0117	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	12	
OLYM0118	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	8	
OLYM0119	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-02/03/63	0	4	
OLYM0120	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-02/03/63	0	5	
OLYM0121	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	0	4	
OLYM0122	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-01/09/64	0	46	
OLYM0123	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-10/29/63	1	19	
OLYM0124	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/63-01/09/64	0	20	
OLYM0125	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-01/09/64	0	16	
OLYM0126	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/63-12/10/63	0	20	
OLYM0127	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-04/18/63	0	7	
OLYM0128	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/63-08/30/63	0	11	
OLYM0129	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	26	
OLYM0130	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/63-06/26/63	0	6	
OLYM0131	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-02/03/63	0	4	
OLYM0138	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-01/09/64	0	24	
OLYM0139	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	8	
OLYM0140	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-08/30/63	0	15	
OLYM0141	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/29/63-10/29/63	0	4	
OLYM0142	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/74-08/27/74	0	4	
OLYM0143	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-01/09/64	0	41	
OLYM0144	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/16/70	2	52	
OLYM0145	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	0	8	
OLYM0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	20	251	
OLYM0147	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/74-08/18/76	1	15	
OLYM0148	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/75-08/18/76	0	7	
OLYM0151	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/11/77-05/11/77	0	1	
OLYM0152	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/11/77-05/11/77	0	1	
OLYM0153	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/76-05/11/77	1	12	
OLYM0154	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/11/77-05/11/77	0	1	
OLYM0155	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/94-04/22/94	0	3	
OLYM0156	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/76-05/11/77	1	13	
OLYM0157	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/11/77-05/11/77	0	1	
OLYM0158	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/76-05/10/77	1	12	
OLYM0159	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/76-02/02/77	0	4	
OLYM0160	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/76-08/18/76	0	1	
OLYM0161	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/71-09/17/74	2	18	
OLYM0162	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	38	76	
OLYM0164	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/74-05/15/79	4	21	
OLYM0165	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	34	151	
OLYM0166	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/94-04/21/94	0	3	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0167	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/94-04/17/94	0	2	
OLYM0176	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	21	221	
OLYM0178	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/76-08/18/76	0	1	
OLYM0179	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/67-08/10/67	0	7	
OLYM0183	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/85-09/25/85	0	1	
OLYM0184	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	0	60	
OLYM0185	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	0	6	
OLYM0186	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/85-09/29/85	0	1	
OLYM0187	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	0	6	
OLYM0189	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/85-09/29/85	0	1	
OLYM0190	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	0	6	
OLYM0191	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/67-09/20/67	0	1	
OLYM0193	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	0	6	
OLYM0196	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	0	60	
OLYM0198	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/94-08/17/94	0	3	
OLYM0199	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/94-08/17/94	0	3	
OLYM0200	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/94-08/17/94	0	3	
OLYM0201	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/94-08/17/94	0	3	
OLYM0204	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/54-10/04/67	12	2	
OLYM0205	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/66-10/04/66	0	1	
OLYM0206	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/67-10/04/67	0	1	
OLYM0207	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/67-01/27/68	0	2	
OLYM0208	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/67-10/04/67	0	1	
OLYM0210	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	0	6	
OLYM0211	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/94-08/17/94	0	3	
OLYM0213	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/59-09/27/94	35	34	
OLYM0214	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/59-04/30/80	20	52	
OLYM0215	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	0	6	
OLYM0216	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/67-09/20/67	0	1	
OLYM0220	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/68-06/10/68	0	10	
OLYM0221	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0222	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0223	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0224	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0225	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0226	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0227	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0229	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/60-06/09/70	9	30	
OLYM0230	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/53-09/12/64	11	53	
OLYM0231	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0234	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/14/71-09/17/74	2	17	
OLYM0235	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0236	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0238	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/68-06/25/68	0	1	
OLYM0239	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0240	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0241	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0242	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0244	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/01/61-06/04/80	18	52	
OLYM0245	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	37	62	
OLYM0246	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	0	1	
OLYM0247	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/68-06/25/68	0	1	
OLYM0249	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/29/72-09/17/74	1	12	
OLYM0250	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0251	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0252	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-09/16/70	2	48	
OLYM0253	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0254	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/29/72-09/17/74	1	11	
OLYM0255	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/29/72-09/17/74	1	12	
OLYM0256	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/74-07/23/74	0	1	
OLYM0257	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/78-12/11/80	2	7	
OLYM0258	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	15	176	
OLYM0259	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0260	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0261	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0262	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	1	2	
OLYM0263	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-08/08/72	12	36	
OLYM0264	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	1	2	
OLYM0265	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/26/93-09/27/94	0	12	
OLYM0266	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0267	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0269	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/29/72-09/17/74	1	12	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0271	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0272	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/68-08/08/72	4	6	
OLYM0273	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	1	2	
OLYM0274	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	1	2	
OLYM0277	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0278	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	1	2	
OLYM0279	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/26/93-09/27/94	0	12	
OLYM0280	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/71-09/17/74	2	18	
OLYM0281	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0282	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/24/75-09/28/78	2	127	
OLYM0283	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0284	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	1	2	
OLYM0286	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	1	2	
OLYM0287	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0288	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/78-06/01/78	0	1	
OLYM0289	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/78-05/22/79	1	7	
OLYM0290	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	1	2	
OLYM0291	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	1	2	
OLYM0292	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	1	2	
OLYM0293	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/78-05/22/79	1	7	
OLYM0294	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	0	1	
OLYM0295	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	1	2	
OLYM0296	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	1	2	
OLYM0297	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	1	2	
OLYM0298	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0299	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	1	2	
OLYM0300	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	1	2	
OLYM0301	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0302	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-12/14/79	3	4	
OLYM0303	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0304	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	1	2	
OLYM0305	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	1	2	
OLYM0306	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0307	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	1	2	
OLYM0308	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0310	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0311	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/77-10/04/77	0	1	
OLYM0312	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0313	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0314	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/76-10/05/77	1	3	
OLYM0315	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/75-09/29/78	2	149	
OLYM0316	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/24/75-02/09/79	3	86	
OLYM0317	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0318	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0320	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0321	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0322	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0323	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0324	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0325	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/24/75-09/12/78	2	65	
OLYM0326	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0327	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/76-11/02/77	1	7	
OLYM0328	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0330	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0331	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-09/16/70	2	41	
OLYM0332	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0333	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/93-11/30/94	1	20	
OLYM0334	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0335	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/93-10/18/94	1	18	
OLYM0336	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	2	
OLYM0337	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0339	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-11/30/94	1	21	
OLYM0340	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/64-09/12/64	0	7	
OLYM0341	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/67-09/19/67	0	1	
OLYM0344	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-09/16/70	2	44	
OLYM0345	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/93-10/18/94	1	17	
OLYM0346	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-08/25/76	0	1	
OLYM0347	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/09/79-02/09/79	0	1	
OLYM0348	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	1	2	
OLYM0349	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	1	4	
OLYM0350	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/76-03/23/77	0	6	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0351	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/76-09/10/76	0	3	
OLYM0352	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-08/19/76	0	6	
OLYM0354	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/77-11/03/77	0	1	
OLYM0355	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/93-03/29/94	0	96	
OLYM0356	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-11/30/94	1	21	
OLYM0357	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/77-11/03/77	0	1	
OLYM0358	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/77-11/03/77	0	1	
OLYM0359	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/77-11/03/77	0	1	
OLYM0360	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/76-03/23/77	0	6	
OLYM0361	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/76-11/02/77	1	7	
OLYM0362	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/67-09/15/67	0	1	
OLYM0363	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	0	23	
OLYM0364	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/75-10/29/75	0	23	
OLYM0365	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/76-11/03/77	1	7	
OLYM0366	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/93-03/29/94	0	112	
OLYM0368	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/76-11/02/77	1	7	
OLYM0369	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/76-09/10/76	0	1	
OLYM0370	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	0	16	
OLYM0372	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/76-11/02/77	1	8	
OLYM0373	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	0	25	
OLYM0374	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-09/10/76	0	6	
OLYM0378	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/93-02/22/94	0	76	
OLYM0379	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/76-09/10/76	0	17	
OLYM0380	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	0	37	
OLYM0381	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	0	1	
OLYM0382	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	0	1	
OLYM0383	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	0	1	
OLYM0384	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	0	34	
OLYM0385	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	0	4	
OLYM0386	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/75-10/29/75	0	20	
OLYM0389	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	0	30	
OLYM0390	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	0	15	
OLYM0392	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/75-10/29/75	0	17	
OLYM0394	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/93-03/29/94	0	69	
OLYM0396	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/93-11/30/94	0	14	
OLYM0399	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/76-11/10/76	0	98	
OLYM0401	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/76-05/27/76	0	2	
OLYM0402	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/93-11/30/94	1	20	
OLYM0008	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/16/85-04/11/97	11	17	
OLYM0165	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/30/85-04/22/94	9	4	
OLYM0167	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/15/94-04/15/94	0	1	
OLYM0176	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/14/85-11/14/85	0	1	
OLYM0002	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/25/93-09/30/97	3	46	
OLYM0005	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/25/93-09/26/94	0	12	
OLYM0008	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	01/17/85-04/11/97	12	29	
OLYM0040	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	2	19	
OLYM0052	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	2	23	
OLYM0069	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	2	23	
OLYM0095	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	2	23	
OLYM0105	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	2	24	
OLYM0144	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	2	24	
OLYM0146	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	2	24	
OLYM0155	No	00025	BAROMETRIC PRESSURE (MM OF HG)	04/08/94-04/22/94	0	3	
OLYM0162	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	3	48	
OLYM0165	No	00025	BAROMETRIC PRESSURE (MM OF HG)	11/29/82-04/22/94	11	27	
OLYM0166	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	04/07/94-04/15/94	0	2	
OLYM0167	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	04/15/94-04/15/94	0	1	
OLYM0176	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	11/17/82-08/27/86	3	15	
OLYM0213	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/27/94	0	12	
OLYM0245	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	3	48	
OLYM0252	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/26/67-09/16/70	2	22	
OLYM0258	No	00025	BAROMETRIC PRESSURE (MM OF HG)	11/18/82-07/20/93	10	43	
OLYM0265	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/27/94	0	12	
OLYM0279	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/27/94	0	12	
OLYM0331	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/26/67-09/16/70	2	20	
OLYM0344	No	00025	BAROMETRIC PRESSURE (MM OF HG)	09/26/67-09/16/70	2	20	
OLYM0008	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/19/78-04/11/97	18	64	
OLYM0155	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/08/94-04/22/94	0	3	
OLYM0163	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/09/93-09/09/93	0	1	
OLYM0165	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/01/66-04/22/94	27	131	
OLYM0166	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/07/94-04/21/94	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0167	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/15/94-04/21/94	0	3	
OLYM0168	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/09/93-09/09/93	0	1	
OLYM0171	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/23/94-04/23/94	0	1	
OLYM0172	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/08/94-04/08/94	0	1	
OLYM0173	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/15/75-08/27/86	11	117	
OLYM0177	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/10/93-09/10/93	0	1	
OLYM0214	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/16/78-04/30/80	1	10	
OLYM0244	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/15/78-06/04/80	1	11	
OLYM0258	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/15/77-07/20/93	15	178	
OLYM0263	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/19/67-10/19/67	0	1	
OLYM0007	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/17/80-06/17/80	0	1	
OLYM0008	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/19/78-04/11/97	18	80	
OLYM0155	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/08/94-04/22/94	0	3	
OLYM0163	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/09/93-09/09/93	0	1	
OLYM0165	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/01/66-04/22/94	27	139	
OLYM0166	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/15/94-04/21/94	0	3	
OLYM0168	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/09/93-09/09/93	0	1	
OLYM0171	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/08/94-04/08/94	0	1	
OLYM0173	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/15/75-08/27/86	11	129	
OLYM0177	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/10/93-09/10/93	0	1	
OLYM0214	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/26/78-04/30/80	1	12	
OLYM0221	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/19/78-09/19/78	0	1	
OLYM0235	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/19/78-09/19/78	0	1	
OLYM0244	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/25/78-06/04/80	1	14	
OLYM0246	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/19/78-09/19/78	0	1	
OLYM0250	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/20/78-09/20/78	0	1	
OLYM0258	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/15/77-07/20/93	15	184	
OLYM0263	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/19/67-10/19/67	0	1	
OLYM0266	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/20/78-09/20/78	0	1	
OLYM0277	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/20/78-09/20/78	0	1	
OLYM0289	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/28/78-05/22/79	0	4	
OLYM0293	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/28/78-05/22/79	0	4	
OLYM0294	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/20/78-09/20/78	0	1	
OLYM0040	No	00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	2	20	
OLYM0052	No	00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	2	25	
OLYM0069	No	00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	2	25	
OLYM0095	No	00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	2	25	
OLYM0105	No	00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	2	26	
OLYM0144	No	00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	2	26	
OLYM0146	No	00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	2	26	
OLYM0252	No	00035	WIND VELOCITY (MILES PER HOUR)	09/26/67-09/16/70	2	24	
OLYM0331	No	00035	WIND VELOCITY (MILES PER HOUR)	09/26/67-09/16/70	2	21	
OLYM0344	No	00035	WIND VELOCITY (MILES PER HOUR)	09/26/67-09/16/70	2	22	
OLYM0105	No	00040	WIND DIRECTION, AZIMUTH	04/14/70-04/14/70	0	1	
OLYM0002	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0005	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0162	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0195	Yes	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0213	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0228	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0233	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0245	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0248	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0256	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0265	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0268	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0270	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0279	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0399	Yes	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
OLYM0214	No	00049	SURFACE AREA IN SQUARE MILES	09/13/47-05/20/48	0	2	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0229	No	00049	SURFACE AREA IN SQUARE MILES	07/18/60-06/09/70	9	33	
OLYM0255	No	00049	SURFACE AREA IN SQUARE MILES	11/29/72-09/17/74	1	12	
OLYM0151	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/11/77-05/11/77	0	1	
OLYM0152	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/11/77-05/11/77	0	1	
OLYM0154	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/11/77-05/11/77	0	1	
OLYM0157	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/11/77-05/11/77	0	1	
OLYM0002	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/25/93-09/30/97	3	35	
OLYM0003	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/18/60-08/01/61	1	8	
OLYM0008	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	12/12/74-12/12/74	0	1	
OLYM0162	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	38	75	S
OLYM0164	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/25/74-05/15/79	4	21	
OLYM0165	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-06/12/70	10	30	
OLYM0176	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/14/65-10/27/71	6	34	
OLYM0213	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/06/59-09/27/94	35	21	
OLYM0214	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/27/59-06/05/70	10	21	
OLYM0217	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	07/18/60-09/05/61	1	15	
OLYM0229	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/18/60-06/15/64	3	23	
OLYM0244	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/01/61-06/09/70	8	18	
OLYM0245	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	37	63	S
OLYM0246	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-07/19/60	0	1	
OLYM0257	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/15/78-08/08/79	0	5	
OLYM0265	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/26/93-09/27/94	0	12	
OLYM0271	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/25/76-10/05/77	1	2	
OLYM0279	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/26/93-09/27/94	0	12	
OLYM0282	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/24/76-10/06/77	1	2	
OLYM0284	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/26/76-10/04/77	1	2	
OLYM0299	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/24/76-10/06/77	1	2	
OLYM0302	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/26/76-12/14/79	3	4	
OLYM0315	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/04/77-10/04/77	0	1	
OLYM0316	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/25/76-12/14/79	3	4	
OLYM0318	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/24/76-10/04/77	1	2	
OLYM0327	No	00060	FLOW, STREAM, MEAN DAILY CFS	06/02/76-06/03/76	0	2	
OLYM0347	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	02/09/79-12/14/79	0	2	
OLYM0360	No	00060	FLOW, STREAM, MEAN DAILY CFS	04/20/76-04/20/76	0	1	
OLYM0003	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/72-09/16/74	2	15	
OLYM0008	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/73-07/16/81	7	44	
OLYM0156	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/18/76-05/10/77	1	7	
OLYM0161	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/27/71-09/25/73	1	12	
OLYM0165	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	11	90	
OLYM0176	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	21	176	
OLYM0213	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-09/13/67	2	17	
OLYM0214	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/13/47-04/30/80	32	36	
OLYM0223	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/78-09/19/78	0	1	
OLYM0224	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/78-09/19/78	0	1	
OLYM0225	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/78-09/19/78	0	1	
OLYM0226	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/78-09/19/78	0	1	
OLYM0227	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/78-09/19/78	0	1	
OLYM0234	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/14/71-08/08/72	0	5	
OLYM0236	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/19/78-09/19/78	0	1	
OLYM0239	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/78-09/20/78	0	1	
OLYM0241	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/78-09/20/78	0	1	
OLYM0242	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/78-09/20/78	0	1	
OLYM0244	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/27/71-06/04/80	8	36	
OLYM0251	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/78-09/20/78	0	1	
OLYM0257	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/20/78-08/08/79	1	6	
OLYM0258	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/15/77-07/20/93	15	94	
OLYM0263	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/14/71-08/08/72	0	5	
OLYM0269	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	11/29/72-09/17/74	1	12	
OLYM0272	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/14/71-08/08/72	0	5	
OLYM0280	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/14/71-08/08/72	0	5	
OLYM0282	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/24/75-09/28/78	2	138	
OLYM0289	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/29/78-05/22/79	1	7	
OLYM0293	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/29/78-05/22/79	1	7	
OLYM0315	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/76-09/29/78	2	105	
OLYM0316	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/24/75-09/22/78	2	96	
OLYM0325	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/24/75-09/13/78	2	75	
OLYM0327	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/25/76-11/03/77	1	9	
OLYM0333	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/20/93-10/18/94	1	8	
OLYM0335	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/22/93-10/18/94	1	12	
OLYM0339	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/21/93-10/19/94	1	8	
OLYM0345	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/22/93-10/18/94	1	12	
OLYM0356	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/21/93-10/19/94	1	11	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0360	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/02/76-03/23/77	0	6	
OLYM0361	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/02/76-11/03/77	1	10	
OLYM0402	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/25/93-10/19/94	1	8	
OLYM0008	Yes	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	03/13/96-04/11/97	1	18	
OLYM0316	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	02/09/79-12/14/79	0	2	
OLYM0347	Yes	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	02/09/79-02/09/79	0	1	
OLYM0008	Yes	00065	STAGE, STREAM (FEET)	03/13/96-04/11/97	1	17	
OLYM0040	No	00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	2	20	
OLYM0052	No	00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	2	25	
OLYM0069	No	00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	2	25	
OLYM0095	No	00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	2	25	
OLYM0105	No	00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	2	26	
OLYM0144	No	00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	2	26	
OLYM0146	No	00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	2	26	
OLYM0165	No	00065	STAGE, STREAM (FEET)	04/07/94-04/16/94	0	2	
OLYM0252	No	00065	STAGE, STREAM (FEET)	09/26/67-09/16/70	2	24	
OLYM0331	No	00065	STAGE, STREAM (FEET)	09/26/67-09/16/70	2	21	
OLYM0344	No	00065	STAGE, STREAM (FEET)	09/26/67-09/16/70	2	22	
OLYM0040	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	02/25/69-09/16/70	1	16	
OLYM0052	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	02/25/69-09/16/70	1	18	
OLYM0069	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	02/25/69-09/16/70	1	18	
OLYM0095	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	02/25/69-09/16/70	1	18	
OLYM0105	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	02/25/69-09/16/70	1	19	
OLYM0144	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	02/25/69-09/16/70	1	19	
OLYM0146	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	02/25/69-09/16/70	1	19	
OLYM0252	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	02/25/69-09/16/70	1	19	
OLYM0331	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	03/17/69-09/16/70	1	16	
OLYM0344	No	00067	TIDE STAGE (REFER TO APPENDIX FOR CODES)	02/25/69-09/16/70	1	17	
OLYM0003	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/10/72-09/16/74	2	15	
OLYM0004	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/28/72-09/16/74	1	11	
OLYM0008	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/73-09/12/78	4	29	
OLYM0013	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/03/72-10/31/72	0	6	
OLYM0017	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/03/72-10/31/72	0	6	
OLYM0021	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/03/72-10/31/72	0	14	
OLYM0040	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/29/68-09/16/70	2	38	
OLYM0044	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	8	
OLYM0045	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	12	
OLYM0047	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	14	
OLYM0048	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	10	
OLYM0052	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/16/70	2	47	
OLYM0065	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	6	
OLYM0069	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	7	80	
OLYM0077	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	12	
OLYM0078	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	14	
OLYM0079	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	8	
OLYM0082	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	6	
OLYM0095	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/16/70	2	47	
OLYM0105	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/16/70	2	47	
OLYM0106	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	10	
OLYM0107	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	12	
OLYM0108	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	8	
OLYM0116	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	10	
OLYM0117	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	12	
OLYM0118	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	8	
OLYM0139	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	8	
OLYM0144	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/16/70	2	49	
OLYM0145	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	0	8	
OLYM0146	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	18	233	T,A
OLYM0153	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/76-03/23/77	1	7	
OLYM0156	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/76-03/23/77	1	7	
OLYM0158	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/76-03/23/77	1	7	
OLYM0159	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/76-06/01/76	0	3	
OLYM0161	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/27/71-09/17/74	2	18	
OLYM0162	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/05/60-06/02/65	4	14	
OLYM0164	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/25/74-05/15/79	4	21	
OLYM0165	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/74-04/18/78	3	28	
OLYM0175	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/80-10/08/80	0	1	
OLYM0213	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/23/63-06/03/65	1	4	
OLYM0214	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/27/71-09/29/78	6	23	
OLYM0221	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	
OLYM0222	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	
OLYM0223	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0224	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	
OLYM0225	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	
OLYM0226	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	
OLYM0227	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	
OLYM0229	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/01/61-06/02/65	3	10	
OLYM0231	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	
OLYM0234	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/14/71-09/17/74	2	17	
OLYM0235	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	
OLYM0236	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	
OLYM0239	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0240	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0241	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0242	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0244	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/27/71-09/29/78	6	24	
OLYM0245	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/01/61-06/03/65	3	10	
OLYM0246	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	0	1	
OLYM0249	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/29/72-09/17/74	1	12	
OLYM0250	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0251	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0252	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/27/68-09/16/70	2	46	
OLYM0253	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0254	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/29/72-09/17/74	1	11	
OLYM0255	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/29/72-09/17/74	1	12	
OLYM0256	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/23/74-07/23/74	0	1	
OLYM0257	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/20/78-12/11/80	2	2	
OLYM0258	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/15/77-05/19/78	0	6	
OLYM0259	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0260	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0261	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0262	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	1	2	
OLYM0263	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/27/71-08/08/72	0	6	
OLYM0264	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	1	2	
OLYM0265	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/02/61-06/03/65	3	10	
OLYM0266	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0267	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0269	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/29/72-09/17/74	1	12	
OLYM0271	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0272	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/14/71-08/08/72	0	5	
OLYM0273	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	1	2	
OLYM0274	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	1	2	
OLYM0277	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0278	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	1	2	
OLYM0280	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/14/71-09/17/74	2	17	
OLYM0281	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0282	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-09/26/78	2	52	
OLYM0283	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0284	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	1	2	
OLYM0286	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	1	2	
OLYM0287	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0289	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/29/78-03/29/78	0	1	
OLYM0290	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	1	2	
OLYM0291	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	1	2	
OLYM0292	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	1	2	
OLYM0293	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/29/78-03/29/78	0	1	
OLYM0294	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	0	1	
OLYM0295	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	1	2	
OLYM0296	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	1	2	
OLYM0297	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	1	2	
OLYM0298	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0299	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	1	2	
OLYM0300	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	1	2	
OLYM0301	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0302	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	1	2	
OLYM0303	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0304	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	1	2	
OLYM0305	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	1	2	
OLYM0306	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0307	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	1	2	
OLYM0308	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0310	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0311	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	1	2	
OLYM0312	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0313	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0314	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0315	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/76-09/25/78	2	62	
OLYM0316	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-09/22/78	2	28	
OLYM0317	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0318	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0320	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0321	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0322	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0323	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0324	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0325	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/76-09/13/78	2	21	
OLYM0326	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0327	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/76-11/02/77	1	6	
OLYM0328	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0330	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0331	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/29/68-09/16/70	2	37	
OLYM0332	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0334	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0336	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0337	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0344	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/27/68-09/16/70	2	41	
OLYM0346	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-08/25/76	0	1	
OLYM0348	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	1	2	
OLYM0349	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	1	2	
OLYM0350	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/21/76-03/23/77	0	5	
OLYM0352	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	7	
OLYM0354	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/03/77-11/03/77	0	1	
OLYM0357	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/03/77-11/03/77	0	1	
OLYM0358	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/03/77-11/03/77	0	1	
OLYM0359	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/03/77-11/03/77	0	1	
OLYM0360	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/20/76-03/23/77	0	5	
OLYM0361	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/20/76-11/02/77	1	6	
OLYM0363	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	12	
OLYM0365	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/20/76-11/03/77	1	6	
OLYM0368	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/21/76-11/02/77	1	6	
OLYM0370	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	12	
OLYM0372	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/20/76-11/02/77	1	6	
OLYM0373	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	18	
OLYM0374	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	4	
OLYM0379	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	6	
OLYM0380	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	24	
OLYM0381	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	1	
OLYM0382	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	1	
OLYM0383	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	1	
OLYM0384	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	20	
OLYM0385	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	4	
OLYM0389	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	16	
OLYM0390	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	0	1	
OLYM0399	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/05/60-07/17/61	0	4	
OLYM0401	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/27/76-05/27/76	0	2	
OLYM0364	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/31/75-10/29/75	0	23	
OLYM0386	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/31/75-10/29/75	0	20	
OLYM0392	Yes	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/31/75-10/29/75	0	17	
OLYM0238	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	02/12/68-02/12/68	0	1	
OLYM0247	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	02/12/68-02/12/68	0	1	
OLYM0272	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	02/12/68-02/12/68	0	1	
OLYM0008	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/19/78-09/15/83	4	35	
OLYM0155	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/08/94-04/22/94	0	3	
OLYM0165	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/78-04/22/94	15	65	
OLYM0166	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/05/80-08/27/86	6	17	
OLYM0214	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/78-04/30/80	1	10	
OLYM0244	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/15/78-06/04/80	1	11	
OLYM0257	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/78-08/08/79	1	6	
OLYM0258	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/78-07/20/93	14	73	
OLYM0364	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/31/75-10/29/75	0	3	
OLYM0386	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/31/75-10/29/75	0	3	
OLYM0392	Yes	00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/31/75-10/29/75	0	3	
OLYM0006	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/27/85-09/27/85	0	1	
OLYM0146	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/77-11/09/87	10	69	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0183	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/25/85-09/25/85	0	1	
OLYM0184	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	0	60	
OLYM0185	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	0	6	
OLYM0186	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/29/85-09/29/85	0	1	
OLYM0187	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	0	6	
OLYM0189	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/29/85-09/29/85	0	1	
OLYM0190	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	0	6	
OLYM0193	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	0	6	
OLYM0196	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	0	60	
OLYM0210	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	0	6	
OLYM0215	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	0	6	
OLYM0355	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/01/93-07/01/93	0	1	
OLYM0366	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/01/93-11/09/93	0	3	
OLYM0378	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/01/93-09/23/93	0	2	
OLYM0394	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/01/93-11/09/93	0	3	
OLYM0003	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/18/60-09/16/74	14	23	
OLYM0004	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/28/72-09/16/74	1	11	
OLYM0006	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/27/85-09/27/85	0	1	
OLYM0151	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/11/77-05/11/77	0	1	
OLYM0152	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/11/77-05/11/77	0	1	
OLYM0154	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/11/77-05/11/77	0	1	
OLYM0157	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/11/77-05/11/77	0	1	
OLYM0161	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/27/71-09/17/74	2	18	
OLYM0162	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/09/59-11/12/68	9	29	
OLYM0165	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/19/59-06/12/70	10	30	
OLYM0176	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/14/65-09/18/73	8	43	
OLYM0183	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/29/85-09/29/85	0	1	
OLYM0191	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	11/30/54-10/04/67	12	2	
OLYM0205	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/66-10/04/66	0	1	
OLYM0206	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/67-10/04/67	0	1	
OLYM0207	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/67-01/27/68	0	2	
OLYM0208	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/67-10/04/67	0	1	
OLYM0213	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/06/59-09/13/67	8	8	
OLYM0214	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/27/59-04/30/80	20	55	
OLYM0216	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/20/67-09/20/67	0	1	
OLYM0229	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/18/60-06/09/70	9	33	
OLYM0234	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/14/71-09/17/74	2	17	
OLYM0238	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/12/68-06/25/68	0	2	
OLYM0244	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/01/61-06/04/80	18	52	
OLYM0245	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/19/60-09/05/61	1	15	
OLYM0247	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/12/68-06/25/68	0	2	
OLYM0249	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/29/72-09/17/74	1	12	
OLYM0253	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0254	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/29/72-09/17/74	1	11	
OLYM0255	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/29/72-09/17/74	1	12	
OLYM0256	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/74-07/23/74	0	1	
OLYM0258	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/15/77-11/15/77	0	1	
OLYM0261	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0262	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0263	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/19/60-08/08/72	12	38	
OLYM0264	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0269	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/29/72-09/17/74	1	12	
OLYM0271	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0272	No	00080	COLOR (PLATINUM-COBALT UNITS)	02/12/68-08/08/72	4	7	
OLYM0273	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0274	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0278	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0280	No	00080	COLOR (PLATINUM-COBALT UNITS)	12/14/71-09/17/74	2	17	
OLYM0281	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0282	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0284	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	1	2	
OLYM0286	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0287	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0288	No	00080	COLOR (PLATINUM-COBALT UNITS)	06/01/78-06/01/78	0	1	
OLYM0290	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0291	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	1	2	
OLYM0292	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	1	2	
OLYM0295	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0296	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	1	2	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0297	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0298	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0299	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	1	2	
OLYM0300	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	1	2	
OLYM0301	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0302	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	1	2	
OLYM0303	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0304	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	1	2	
OLYM0305	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	1	2	
OLYM0306	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0307	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	1	2	
OLYM0308	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0310	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0311	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	1	2	
OLYM0312	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0313	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0314	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0315	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/77-10/04/77	0	1	
OLYM0316	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0317	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0318	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0320	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0321	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0322	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0323	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0324	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0326	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0328	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0330	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0332	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0334	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0336	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0337	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0341	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/19/67-09/19/67	0	1	
OLYM0346	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-08/25/76	0	1	
OLYM0348	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	1	2	
OLYM0349	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	1	2	
OLYM0362	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/15/67-09/15/67	0	1	
OLYM0399	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	02/19/76-11/10/76	0	51	
OLYM0355	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/22/94-03/29/94	0	63	
OLYM0366	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/22/94-03/29/94	0	75	
OLYM0378	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/22/94-02/22/94	0	49	
OLYM0394	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/22/94-03/29/94	0	39	
OLYM0013	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/03/72-10/31/72	0	6	
OLYM0017	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/03/72-10/31/72	0	6	
OLYM0021	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/03/72-10/31/72	0	14	
OLYM0044	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	8	
OLYM0045	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	12	
OLYM0047	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	14	
OLYM0048	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	10	
OLYM0065	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	6	
OLYM0077	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	12	
OLYM0078	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	14	
OLYM0079	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	8	
OLYM0082	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	6	
OLYM0106	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	10	
OLYM0107	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	12	
OLYM0108	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	8	
OLYM0116	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	10	
OLYM0117	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	12	
OLYM0118	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	8	
OLYM0139	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	8	
OLYM0145	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	0	8	
OLYM0184	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	0	60	
OLYM0185	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	0	6	
OLYM0187	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	0	6	
OLYM0190	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	0	6	
OLYM0193	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	0	6	
OLYM0196	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	0	60	
OLYM0198	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	07/13/94-08/17/94	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0199	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/94-08/17/94	0	3	
OLYM0200	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/94-08/17/94	0	3	
OLYM0201	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/94-08/17/94	0	3	
OLYM0210	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	0	6	
OLYM0211	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/94-08/17/94	0	3	
OLYM0215	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	0	6	
OLYM0333	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/93-11/30/94	1	20	
OLYM0335	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/93-10/18/94	1	17	
OLYM0339	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/93-11/30/94	1	21	
OLYM0345	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/93-10/18/94	1	16	
OLYM0355	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/93-03/29/94	0	86	
OLYM0356	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/93-11/30/94	1	21	
OLYM0364	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/75-10/29/75	0	23	
OLYM0366	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/93-03/29/94	0	98	
OLYM0378	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/93-02/22/94	0	72	
OLYM0386	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/75-10/29/75	0	20	
OLYM0392	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/75-10/29/75	0	17	
OLYM0394	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/93-03/29/94	0	62	
OLYM0396	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/16/93-11/30/94	0	14	
OLYM0402	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/93-11/30/94	1	20	
OLYM0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/93-09/30/97	3	46	
OLYM0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/60-09/16/74	14	23	
OLYM0004	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/72-09/16/74	1	11	
OLYM0005	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/93-09/26/94	0	12	
OLYM0006	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/85-09/27/85	0	1	
OLYM0007	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/80-06/17/80	0	1	
OLYM0008	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	23	107	T,S
OLYM0040	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-02/25/69	1	10	
OLYM0045	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/72-11/01/72	0	5	
OLYM0048	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/72-11/01/72	0	1	
OLYM0052	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-02/25/69	1	14	
OLYM0069	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-09/10/75	7	48	
OLYM0095	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-02/25/69	1	14	
OLYM0105	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-02/25/69	1	14	
OLYM0144	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-02/25/69	1	14	
OLYM0146	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	20	222	T,A
OLYM0151	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/77-05/11/77	0	1	
OLYM0152	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/77-05/11/77	0	1	
OLYM0153	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/76-03/23/77	1	10	
OLYM0154	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/77-05/11/77	0	1	
OLYM0155	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/94-04/22/94	0	3	
OLYM0156	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/76-03/23/77	1	8	
OLYM0157	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/77-05/11/77	0	1	
OLYM0158	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/76-05/10/77	1	11	
OLYM0159	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/76-02/02/77	0	4	
OLYM0161	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/71-09/17/74	2	18	
OLYM0162	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	38	78	S
OLYM0164	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/74-05/15/79	4	21	
OLYM0165	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	34	151	T,S
OLYM0166	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	20	193	T,A
OLYM0183	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/85-09/29/85	0	1	
OLYM0188	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/95-06/28/95	0	1	
OLYM0189	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/85-09/29/85	0	1	
OLYM0191	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/67-09/20/67	0	1	
OLYM0192	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/13/95-07/13/95	0	1	
OLYM0202	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/95-07/05/95	0	1	
OLYM0204	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/54-10/04/67	12	2	
OLYM0205	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/66-10/04/66	0	1	
OLYM0206	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/67-10/04/67	0	1	
OLYM0207	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/67-01/27/68	0	3	
OLYM0208	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/67-10/04/67	0	1	
OLYM0212	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	0	1	
OLYM0213	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/59-09/27/94	35	21	
OLYM0214	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/47-04/30/80	32	56	S
OLYM0216	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/60-09/05/61	1	15	
OLYM0218	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	11	271	A
OLYM0219	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	06/08/85-12/17/97	12	257	A

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0221	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
OLYM0222	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
OLYM0223	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
OLYM0224	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
OLYM0225	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
OLYM0226	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
OLYM0227	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
OLYM0229	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/60-06/09/70	9	33	
OLYM0231	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
OLYM0232	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/95-03/18/97	1	4	
OLYM0234	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/14/71-09/17/74	2	17	
OLYM0235	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
OLYM0236	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	0	1	
OLYM0237	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/95-10/18/96	1	3	
OLYM0238	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/12/68-06/25/68	0	2	
OLYM0239	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0240	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0241	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0242	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0243	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/95-06/27/95	0	1	
OLYM0244	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/61-06/04/80	18	54	
OLYM0245	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	37	63	S
OLYM0246	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/19/78	18	2	
OLYM0247	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/12/68-06/25/68	0	2	
OLYM0249	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/72-09/17/74	1	12	
OLYM0250	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0251	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0252	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/67-05/18/70	2	15	
OLYM0253	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0254	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/72-09/17/74	1	11	
OLYM0255	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/72-09/17/74	1	12	
OLYM0256	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/74-07/23/74	0	1	
OLYM0257	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/20/78-12/11/80	2	7	
OLYM0258	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	15	170	T
OLYM0259	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0260	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0261	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0262	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0263	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-08/08/72	12	38	
OLYM0264	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0265	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/93-09/27/94	0	12	
OLYM0266	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0267	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0269	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/72-09/17/74	1	12	
OLYM0271	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0272	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/12/68-08/08/72	4	7	
OLYM0273	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0274	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0275	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/95-10/12/97	2	2	
OLYM0276	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/95-10/12/97	2	3	
OLYM0277	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0278	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0279	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/93-09/27/94	0	12	
OLYM0280	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/71-09/17/74	2	18	
OLYM0281	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0282	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0283	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0284	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	1	2	
OLYM0285	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/95-10/12/97	2	4	
OLYM0286	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0287	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0288	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/78-06/01/78	0	1	
OLYM0289	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/78-05/22/79	1	7	
OLYM0290	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0291	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	1	2	
OLYM0292	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	1	2	
OLYM0293	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/78-05/22/79	1	7	
OLYM0294	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	0	1	
OLYM0295	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0296	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	1	2	
OLYM0297	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0298	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	08/25/76-10/05/77	1	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0299	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	1	2	
OLYM0300	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	1	2	
OLYM0301	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0302	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	1	2	
OLYM0303	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0304	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	1	2	
OLYM0305	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	1	2	
OLYM0306	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0307	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	1	2	
OLYM0308	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0309	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/95-03/19/97	1	2	
OLYM0310	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0311	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	1	2	
OLYM0312	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0313	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0314	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0315	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/77-10/04/77	0	1	
OLYM0316	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0317	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0318	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0319	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/95-07/12/95	0	1	
OLYM0320	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0321	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0322	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0323	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0324	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0326	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0327	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/19/76-11/02/77	1	7	
OLYM0328	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0330	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0331	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/67-09/16/70	2	12	
OLYM0332	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0334	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0336	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	2	
OLYM0337	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	2	
OLYM0341	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/17/67-09/19/67	0	2	
OLYM0342	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/21/68-05/21/68	0	1	
OLYM0343	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/67-09/19/67	0	1	
OLYM0344	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/67-09/16/70	2	14	
OLYM0346	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-09/08/77	1	2	
OLYM0348	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	1	12	
OLYM0349	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	1	11	
OLYM0350	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/76-03/23/77	0	6	
OLYM0360	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/76-03/23/77	0	6	
OLYM0361	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/76-11/02/77	1	7	
OLYM0362	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/67-09/15/67	0	2	
OLYM0365	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/76-11/03/77	1	7	
OLYM0367	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/95-10/11/96	1	3	
OLYM0368	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/76-11/02/77	1	7	
OLYM0372	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/76-11/02/77	1	7	
OLYM0374	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/77-09/08/77	0	18	
OLYM0379	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/77-09/08/77	0	18	
OLYM0387	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/95-03/17/97	1	3	
OLYM0389	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/77-09/08/77	0	18	
OLYM0390	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/77-09/08/77	0	6	
OLYM0398	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/07/95-06/01/97	1	4	
OLYM0399	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/19/76-11/10/76	0	73	
OLYM0401	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/27/76-05/27/76	0	2	
OLYM0404	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/07/95-01/06/97	1	2	
OLYM0069	No	00109	SURFACE AREA, PERCENT OF TOTAL	12/05/73-12/05/73	0	1	
OLYM0333	No	00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/20/93-11/30/94	1	20	
OLYM0335	No	00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/22/93-10/18/94	1	18	
OLYM0339	No	00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/21/93-11/30/94	1	21	
OLYM0345	No	00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/22/93-10/18/94	1	17	
OLYM0356	No	00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/21/93-11/30/94	1	21	
OLYM0396	No	00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	12/16/93-11/30/94	0	14	
OLYM0402	Yes	00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/25/93-11/30/94	1	21	
OLYM0006	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/27/85-09/27/85	0	1	
OLYM0183	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/25/85-09/25/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0186	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/29/85-09/29/85	0	1	
OLYM0189	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/29/85-09/29/85	0	1	
OLYM0184	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	0	60	
OLYM0185	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	0	6	
OLYM0187	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	0	6	
OLYM0190	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	0	6	
OLYM0193	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	0	6	
OLYM0196	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	0	60	
OLYM0198	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/94-08/17/94	0	3	
OLYM0199	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/94-08/17/94	0	3	
OLYM0200	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/94-08/17/94	0	3	
OLYM0201	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/94-08/17/94	0	3	
OLYM0210	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	0	6	
OLYM0211	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/94-08/17/94	0	3	
OLYM0215	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	0	6	
OLYM0333	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/93-11/30/94	1	16	
OLYM0335	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/93-10/18/94	1	14	
OLYM0339	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/93-11/30/94	1	17	
OLYM0345	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/21/93-10/18/94	1	14	
OLYM0355	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/93-03/29/94	0	86	
OLYM0356	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/93-11/30/94	1	17	
OLYM0366	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/93-03/29/94	0	98	
OLYM0378	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/93-02/22/94	0	72	
OLYM0394	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/93-03/29/94	0	62	
OLYM0396	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/16/93-11/30/94	0	14	
OLYM0402	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/93-11/30/94	1	17	
OLYM0002	No	00300	OXYGEN, DISSOLVED MG/L	10/25/93-09/30/97	3	46	
OLYM0003	No	00300	OXYGEN, DISSOLVED MG/L	02/02/61-09/16/74	13	22	
OLYM0004	No	00300	OXYGEN, DISSOLVED MG/L	11/28/72-09/16/74	1	11	
OLYM0005	No	00300	OXYGEN, DISSOLVED MG/L	10/25/93-09/26/94	0	12	
OLYM0008	Yes	00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	23	108	T,S
OLYM0011	No	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	2	
OLYM0012	No	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	3	
OLYM0013	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-10/31/72	2	9	
OLYM0017	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-10/31/72	2	9	
OLYM0019	No	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	4	
OLYM0021	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-10/31/72	2	21	
OLYM0022	No	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	4	
OLYM0026	No	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	1	
OLYM0027	No	00300	OXYGEN, DISSOLVED MG/L	03/20/51-12/10/63	12	61	
OLYM0031	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	0	4	
OLYM0033	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	0	3	
OLYM0034	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	0	6	
OLYM0037	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-08/30/63	0	25	
OLYM0038	Yes	00300	OXYGEN, DISSOLVED MG/L	02/19/55-05/07/67	12	72	
OLYM0039	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	0	19	
OLYM0040	No	00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/16/70	2	38	
OLYM0041	No	00300	OXYGEN, DISSOLVED MG/L	06/26/63-07/27/63	0	6	
OLYM0042	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	0	31	
OLYM0043	No	00300	OXYGEN, DISSOLVED MG/L	04/17/63-12/10/63	0	28	
OLYM0044	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	12	
OLYM0045	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	18	
OLYM0046	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	0	59	
OLYM0047	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	21	
OLYM0048	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	15	
OLYM0050	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	0	54	
OLYM0052	No	00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/16/70	2	48	
OLYM0054	No	00300	OXYGEN, DISSOLVED MG/L	07/27/63-08/30/63	0	9	
OLYM0055	No	00300	OXYGEN, DISSOLVED MG/L	09/11/62-09/11/62	0	3	
OLYM0056	No	00300	OXYGEN, DISSOLVED MG/L	09/08/63-10/29/63	0	9	
OLYM0058	No	00300	OXYGEN, DISSOLVED MG/L	09/10/62-09/11/62	0	9	
OLYM0059	No	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	2	
OLYM0061	No	00300	OXYGEN, DISSOLVED MG/L	09/10/62-09/11/62	0	8	
OLYM0062	No	00300	OXYGEN, DISSOLVED MG/L	09/10/62-09/10/62	0	2	
OLYM0063	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-01/09/64	1	39	
OLYM0065	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	9	
OLYM0067	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	0	4	
OLYM0069	No	00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	7	79	
OLYM0070	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	0	5	
OLYM0071	No	00300	OXYGEN, DISSOLVED MG/L	10/29/63-10/29/63	0	6	
OLYM0072	No	00300	OXYGEN, DISSOLVED MG/L	08/30/63-08/30/63	0	6	
OLYM0074	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	0	11	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0075	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-12/10/63	0	31	
OLYM0076	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	0	68	
OLYM0077	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	18	
OLYM0078	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	20	
OLYM0079	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	12	
OLYM0080	No	00300	OXYGEN, DISSOLVED MG/L	04/18/63-08/30/63	0	7	
OLYM0081	No	00300	OXYGEN, DISSOLVED MG/L	04/18/63-01/09/64	0	13	
OLYM0082	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	9	
OLYM0083	No	00300	OXYGEN, DISSOLVED MG/L	04/18/63-01/09/64	0	22	
OLYM0084	No	00300	OXYGEN, DISSOLVED MG/L	10/29/63-10/29/63	0	3	
OLYM0085	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-10/29/63	0	34	
OLYM0086	No	00300	OXYGEN, DISSOLVED MG/L	03/08/63-06/26/63	0	9	
OLYM0087	No	00300	OXYGEN, DISSOLVED MG/L	09/08/63-09/08/63	0	3	
OLYM0088	No	00300	OXYGEN, DISSOLVED MG/L	07/27/63-07/27/63	0	5	
OLYM0089	No	00300	OXYGEN, DISSOLVED MG/L	07/27/63-08/30/63	0	11	
OLYM0090	No	00300	OXYGEN, DISSOLVED MG/L	07/27/63-07/27/63	0	3	
OLYM0091	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	0	5	
OLYM0092	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-08/30/63	0	10	
OLYM0094	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	0	6	
OLYM0095	No	00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/16/70	2	48	
OLYM0096	No	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	4	
OLYM0097	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	0	19	
OLYM0098	No	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	4	
OLYM0099	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-01/09/64	1	20	
OLYM0100	No	00300	OXYGEN, DISSOLVED MG/L	04/18/63-04/18/63	0	12	
OLYM0101	No	00300	OXYGEN, DISSOLVED MG/L	07/27/63-08/30/63	0	10	
OLYM0102	No	00300	OXYGEN, DISSOLVED MG/L	04/17/63-12/10/63	0	10	
OLYM0103	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	0	19	
OLYM0104	No	00300	OXYGEN, DISSOLVED MG/L	12/10/63-12/10/63	0	7	
OLYM0105	No	00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/16/70	2	50	
OLYM0106	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	15	
OLYM0107	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	18	
OLYM0108	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	12	
OLYM0109	No	00300	OXYGEN, DISSOLVED MG/L	04/18/63-12/10/63	0	16	
OLYM0110	No	00300	OXYGEN, DISSOLVED MG/L	04/17/63-10/29/63	0	23	
OLYM0111	No	00300	OXYGEN, DISSOLVED MG/L	10/29/63-10/29/63	0	5	
OLYM0112	No	00300	OXYGEN, DISSOLVED MG/L	07/27/63-07/27/63	0	5	
OLYM0113	No	00300	OXYGEN, DISSOLVED MG/L	03/08/63-03/08/63	0	5	
OLYM0114	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-07/27/63	0	19	
OLYM0115	No	00300	OXYGEN, DISSOLVED MG/L	03/08/63-03/08/63	0	6	
OLYM0116	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	15	
OLYM0117	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	18	
OLYM0118	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	12	
OLYM0119	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-02/03/63	0	4	
OLYM0120	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-02/03/63	0	5	
OLYM0121	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	0	4	
OLYM0122	No	00300	OXYGEN, DISSOLVED MG/L	04/17/63-01/09/64	0	46	
OLYM0123	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-10/29/63	1	19	
OLYM0124	No	00300	OXYGEN, DISSOLVED MG/L	06/26/63-01/09/64	0	20	
OLYM0125	No	00300	OXYGEN, DISSOLVED MG/L	04/18/63-01/09/64	0	16	
OLYM0126	No	00300	OXYGEN, DISSOLVED MG/L	03/08/63-12/10/63	0	20	
OLYM0127	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-04/18/63	0	8	
OLYM0128	No	00300	OXYGEN, DISSOLVED MG/L	06/26/63-08/30/63	0	8	
OLYM0129	No	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	4	
OLYM0130	No	00300	OXYGEN, DISSOLVED MG/L	06/26/63-06/26/63	0	6	
OLYM0131	No	00300	OXYGEN, DISSOLVED MG/L	02/03/63-02/03/63	0	4	
OLYM0138	No	00300	OXYGEN, DISSOLVED MG/L	04/17/63-01/09/64	0	24	
OLYM0139	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	12	
OLYM0140	No	00300	OXYGEN, DISSOLVED MG/L	09/09/62-08/30/63	0	15	
OLYM0141	No	00300	OXYGEN, DISSOLVED MG/L	10/29/63-10/29/63	0	4	
OLYM0143	No	00300	OXYGEN, DISSOLVED MG/L	04/17/63-01/09/64	0	41	
OLYM0144	No	00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/16/70	2	50	
OLYM0145	No	00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	2	12	
OLYM0146	No	00300	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	20	234	T,A
OLYM0148	No	00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	0	3	
OLYM0153	No	00300	OXYGEN, DISSOLVED MG/L	03/18/76-05/11/77	1	9	
OLYM0155	No	00300	OXYGEN, DISSOLVED MG/L	04/08/94-04/22/94	0	3	
OLYM0156	No	00300	OXYGEN, DISSOLVED MG/L	03/18/76-05/10/77	1	9	
OLYM0158	No	00300	OXYGEN, DISSOLVED MG/L	03/18/76-05/10/77	1	9	
OLYM0159	No	00300	OXYGEN, DISSOLVED MG/L	03/18/76-02/02/77	0	3	
OLYM0161	No	00300	OXYGEN, DISSOLVED MG/L	10/27/71-09/17/74	2	18	
OLYM0162	No	00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	38	75	S

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0164	No	00300	OXYGEN, DISSOLVED MG/L	11/14/77-05/15/79	1	7	
OLYM0165	No	00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	34	123	T,S
OLYM0166	Yes	00300	OXYGEN, DISSOLVED MG/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00300	OXYGEN, DISSOLVED MG/L	04/15/94-04/21/94	0	3	
OLYM0176	Yes	00300	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	18	183	T,A
OLYM0213	No	00300	OXYGEN, DISSOLVED MG/L	07/06/59-09/27/94	35	16	
OLYM0214	No	00300	OXYGEN, DISSOLVED MG/L	10/27/59-04/30/80	20	48	
OLYM0220	No	00300	OXYGEN, DISSOLVED MG/L	06/10/68-06/10/68	0	10	
OLYM0221	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0222	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0223	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0224	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0225	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0226	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0227	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0228	No	00300	OXYGEN, DISSOLVED MG/L	04/04/61-04/04/61	0	1	
OLYM0229	No	00300	OXYGEN, DISSOLVED MG/L	07/18/60-08/02/66	6	25	
OLYM0230	No	00300	OXYGEN, DISSOLVED MG/L	07/19/53-09/12/64	11	45	
OLYM0231	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0234	No	00300	OXYGEN, DISSOLVED MG/L	12/14/71-09/17/74	2	17	
OLYM0235	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0236	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0239	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0240	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0241	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0242	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0244	No	00300	OXYGEN, DISSOLVED MG/L	11/01/61-06/04/80	18	48	
OLYM0245	No	00300	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	37	62	S
OLYM0246	No	00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	0	1	
OLYM0249	No	00300	OXYGEN, DISSOLVED MG/L	11/29/72-09/17/74	1	12	
OLYM0250	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0251	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0252	No	00300	OXYGEN, DISSOLVED MG/L	09/26/67-09/16/70	2	46	
OLYM0253	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0254	No	00300	OXYGEN, DISSOLVED MG/L	11/29/72-09/17/74	1	11	
OLYM0255	No	00300	OXYGEN, DISSOLVED MG/L	11/29/72-09/17/74	1	12	
OLYM0256	No	00300	OXYGEN, DISSOLVED MG/L	07/23/74-07/23/74	0	1	
OLYM0257	No	00300	OXYGEN, DISSOLVED MG/L	06/20/78-08/08/79	1	6	
OLYM0258	No	00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	15	177	T
OLYM0259	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0260	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0261	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0262	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	1	2	
OLYM0263	No	00300	OXYGEN, DISSOLVED MG/L	09/07/60-08/08/72	11	30	
OLYM0264	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	1	2	
OLYM0265	No	00300	OXYGEN, DISSOLVED MG/L	10/26/93-09/27/94	0	12	
OLYM0266	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0267	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0269	No	00300	OXYGEN, DISSOLVED MG/L	11/29/72-09/17/74	1	12	
OLYM0271	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0272	No	00300	OXYGEN, DISSOLVED MG/L	12/14/71-08/08/72	0	5	
OLYM0273	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	1	2	
OLYM0274	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	1	2	
OLYM0277	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0278	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	1	2	
OLYM0279	No	00300	OXYGEN, DISSOLVED MG/L	10/26/93-09/27/94	0	12	
OLYM0280	No	00300	OXYGEN, DISSOLVED MG/L	10/27/71-09/17/74	2	18	
OLYM0281	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0282	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	1	2	
OLYM0283	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0284	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	1	2	
OLYM0286	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	1	2	
OLYM0287	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0289	No	00300	OXYGEN, DISSOLVED MG/L	03/29/78-05/22/79	1	7	
OLYM0290	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	1	2	
OLYM0291	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	1	2	
OLYM0292	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	1	2	
OLYM0293	No	00300	OXYGEN, DISSOLVED MG/L	03/29/78-05/22/79	1	7	
OLYM0294	No	00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	0	1	
OLYM0295	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	1	2	
OLYM0296	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	1	2	
OLYM0297	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	1	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0298	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0299	No	00300	OXYGEN, DISSOLVED MG/L	10/06/77-10/06/77	0	1	
OLYM0300	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	1	2	
OLYM0301	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0302	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	1	2	
OLYM0303	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0304	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	1	2	
OLYM0305	No	00300	OXYGEN, DISSOLVED MG/L	10/04/77-10/04/77	0	1	
OLYM0306	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0307	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	1	2	
OLYM0308	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0310	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0311	No	00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	1	2	
OLYM0312	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0313	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0314	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0315	No	00300	OXYGEN, DISSOLVED MG/L	10/04/77-10/04/77	0	1	
OLYM0316	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0317	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0318	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0320	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0321	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0322	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0323	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0324	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0326	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0327	No	00300	OXYGEN, DISSOLVED MG/L	04/19/76-11/02/77	1	6	
OLYM0328	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0330	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0331	No	00300	OXYGEN, DISSOLVED MG/L	09/26/67-09/16/70	2	38	
OLYM0332	No	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0334	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0336	Yes	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	2	
OLYM0337	No	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	2	
OLYM0340	No	00300	OXYGEN, DISSOLVED MG/L	09/12/64-09/12/64	0	7	
OLYM0344	No	00300	OXYGEN, DISSOLVED MG/L	09/26/67-09/16/70	2	42	
OLYM0346	Yes	00300	OXYGEN, DISSOLVED MG/L	08/25/76-09/08/77	1	2	
OLYM0348	Yes	00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	1	5	
OLYM0349	Yes	00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	1	6	
OLYM0350	No	00300	OXYGEN, DISSOLVED MG/L	04/21/76-03/23/77	0	6	
OLYM0351	Yes	00300	OXYGEN, DISSOLVED MG/L	09/10/76-09/10/76	0	3	
OLYM0352	Yes	00300	OXYGEN, DISSOLVED MG/L	08/12/76-08/19/76	0	8	
OLYM0360	No	00300	OXYGEN, DISSOLVED MG/L	04/20/76-03/23/77	0	6	
OLYM0361	No	00300	OXYGEN, DISSOLVED MG/L	04/20/76-11/02/77	1	7	
OLYM0363	Yes	00300	OXYGEN, DISSOLVED MG/L	08/12/76-09/10/76	0	18	
OLYM0364	Yes	00300	OXYGEN, DISSOLVED MG/L	03/31/75-10/29/75	0	23	
OLYM0365	No	00300	OXYGEN, DISSOLVED MG/L	04/20/76-11/03/77	1	7	
OLYM0368	No	00300	OXYGEN, DISSOLVED MG/L	06/02/76-11/02/77	1	6	
OLYM0369	No	00300	OXYGEN, DISSOLVED MG/L	09/10/76-09/10/76	0	1	
OLYM0370	Yes	00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/10/76	0	16	
OLYM0372	No	00300	OXYGEN, DISSOLVED MG/L	04/20/76-11/02/77	1	7	
OLYM0373	No	00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/10/76	0	22	
OLYM0374	No	00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/08/77	1	11	
OLYM0375	No	00300	OXYGEN, DISSOLVED MG/L	09/10/76-09/10/76	0	2	
OLYM0379	No	00300	OXYGEN, DISSOLVED MG/L	08/12/76-09/08/77	1	21	
OLYM0380	No	00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/10/76	0	30	
OLYM0381	No	00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	0	1	
OLYM0382	No	00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	0	1	
OLYM0383	No	00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	0	1	
OLYM0384	No	00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/10/76	0	28	
OLYM0385	No	00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	0	4	
OLYM0386	Yes	00300	OXYGEN, DISSOLVED MG/L	03/31/75-10/29/75	0	20	
OLYM0389	No	00300	OXYGEN, DISSOLVED MG/L	08/12/76-09/08/77	1	30	
OLYM0390	No	00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/08/77	1	8	
OLYM0392	Yes	00300	OXYGEN, DISSOLVED MG/L	03/31/75-10/29/75	0	16	
OLYM0399	Yes	00300	OXYGEN, DISSOLVED MG/L	07/09/59-07/17/61	2	8	
OLYM0400	Yes	00300	OXYGEN, DISSOLVED MG/L	02/19/76-11/10/76	0	98	
OLYM0401	Yes	00300	OXYGEN, DISSOLVED MG/L	04/27/76-05/27/76	0	2	
OLYM0002	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/25/93-09/30/97	3	46	
OLYM0005	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/25/93-09/26/94	0	12	
OLYM0146	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	8	113	
OLYM0162	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/29/97	3	48	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0164	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/25/78-01/13/81	2	24	
OLYM0175	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/24/78-01/15/81	2	25	
OLYM0213	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/17/77-09/27/94	16	23	
OLYM0221	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0222	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0223	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0224	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0225	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0226	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0227	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0231	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0235	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0236	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0239	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0240	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0241	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0242	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0244	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0245	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	19	59	
OLYM0246	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	0	1	
OLYM0250	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0251	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0257	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/24/78-01/14/81	2	23	
OLYM0258	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/13/85-11/13/85	0	1	
OLYM0259	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0260	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0265	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/27/94	0	12	
OLYM0266	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0267	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0277	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0279	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/27/94	0	12	
OLYM0283	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0294	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	0	1	
OLYM0355	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/01/93-07/01/93	0	17	
OLYM0366	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/01/93-07/01/93	0	17	
OLYM0378	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/01/93-07/01/93	0	17	
OLYM0394	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/01/93-07/01/93	0	17	
OLYM0176	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	10/24/67-09/18/73	5	31	
OLYM0221	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	0	1	
OLYM0223	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	0	1	
OLYM0224	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	0	1	
OLYM0225	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	0	1	
OLYM0226	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	0	1	
OLYM0227	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	0	1	
OLYM0236	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	0	1	
OLYM0239	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	0	1	
OLYM0241	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	0	1	
OLYM0242	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	0	1	
OLYM0246	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	0	1	
OLYM0251	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	0	1	
OLYM0260	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	0	1	
OLYM0267	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	0	1	
OLYM0294	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	0	1	
OLYM0314	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-08/12/76	0	1	
OLYM0349	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/10/76-09/10/76	0	1	
OLYM0351	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/10/76-09/10/76	0	1	
OLYM0352	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	0	4	
OLYM0363	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-09/10/76	0	8	
OLYM0370	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	0	6	
OLYM0373	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-09/10/76	0	9	
OLYM0374	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-09/10/76	0	7	
OLYM0379	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-09/10/76	0	12	
OLYM0380	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-09/10/76	0	22	
OLYM0381	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	0	1	
OLYM0382	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	0	1	
OLYM0383	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	0	1	
OLYM0384	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-09/10/76	0	15	
OLYM0385	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	0	4	
OLYM0389	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-09/10/76	0	15	
OLYM0390	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-09/10/76	0	6	
OLYM0258	No	00340	COD, .25N K2CR2O7 MG/L	10/23/79-10/23/79	0	1	
OLYM0002	No	00400	PH (STANDARD UNITS)	10/25/93-09/30/97	3	46	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0003	No	00400	PH (STANDARD UNITS)	07/18/60-09/16/74	14	23	
OLYM0004	No	00400	PH (STANDARD UNITS)	11/28/72-09/16/74	1	11	
OLYM0005	No	00400	PH (STANDARD UNITS)	10/25/93-09/26/94	0	12	
OLYM0008	Yes	00400	PH (STANDARD UNITS)	09/20/73-04/11/97	23	105	T,S
OLYM0010	No	00400	PH (STANDARD UNITS)	08/25/75-08/25/75	0	1	
OLYM0011	No	00400	PH (STANDARD UNITS)	08/18/76-08/18/76	0	2	
OLYM0012	No	00400	PH (STANDARD UNITS)	08/18/76-08/18/76	0	3	
OLYM0013	No	00400	PH (STANDARD UNITS)	07/23/70-10/31/72	2	9	
OLYM0017	No	00400	PH (STANDARD UNITS)	07/23/70-10/31/72	2	9	
OLYM0019	No	00400	PH (STANDARD UNITS)	08/25/75-08/18/76	0	7	
OLYM0021	No	00400	PH (STANDARD UNITS)	07/23/70-10/31/72	2	21	
OLYM0022	No	00400	PH (STANDARD UNITS)	08/25/75-08/18/76	0	7	
OLYM0025	No	00400	PH (STANDARD UNITS)	08/25/75-08/25/75	0	3	
OLYM0026	No	00400	PH (STANDARD UNITS)	08/25/75-08/18/76	0	4	
OLYM0029	No	00400	PH (STANDARD UNITS)	08/25/75-08/25/75	0	3	
OLYM0035	No	00400	PH (STANDARD UNITS)	08/25/75-08/25/75	0	2	
OLYM0040	No	00400	PH (STANDARD UNITS)	09/27/67-09/16/70	2	40	
OLYM0044	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	12	
OLYM0045	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	18	
OLYM0047	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	21	
OLYM0048	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	15	
OLYM0049	No	00400	PH (STANDARD UNITS)	08/25/75-08/25/75	0	3	
OLYM0052	No	00400	PH (STANDARD UNITS)	09/27/67-09/16/70	2	49	
OLYM0059	No	00400	PH (STANDARD UNITS)	08/18/76-08/18/76	0	2	
OLYM0065	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	9	
OLYM0066	No	00400	PH (STANDARD UNITS)	08/25/75-08/25/75	0	3	
OLYM0068	No	00400	PH (STANDARD UNITS)	08/25/75-08/25/75	0	3	
OLYM0069	No	00400	PH (STANDARD UNITS)	09/27/67-09/10/75	7	82	
OLYM0077	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	18	
OLYM0078	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	21	
OLYM0079	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	12	
OLYM0082	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	9	
OLYM0095	No	00400	PH (STANDARD UNITS)	09/27/67-09/16/70	2	49	
OLYM0096	No	00400	PH (STANDARD UNITS)	08/18/76-08/18/76	0	4	
OLYM0098	No	00400	PH (STANDARD UNITS)	08/25/75-08/18/76	0	7	
OLYM0105	No	00400	PH (STANDARD UNITS)	09/27/67-09/16/70	2	49	
OLYM0106	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	15	
OLYM0107	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	18	
OLYM0108	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	12	
OLYM0116	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	15	
OLYM0117	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	18	
OLYM0118	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	12	
OLYM0129	No	00400	PH (STANDARD UNITS)	08/25/75-08/18/76	0	10	
OLYM0139	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	12	
OLYM0144	No	00400	PH (STANDARD UNITS)	09/27/67-09/16/70	2	51	
OLYM0145	No	00400	PH (STANDARD UNITS)	07/23/70-11/01/72	2	12	
OLYM0146	No	00400	PH (STANDARD UNITS)	09/27/67-11/09/87	20	258	T,A
OLYM0148	No	00400	PH (STANDARD UNITS)	08/18/76-08/18/76	0	3	
OLYM0151	No	00400	PH (STANDARD UNITS)	05/11/77-05/11/77	0	1	
OLYM0152	No	00400	PH (STANDARD UNITS)	05/11/77-05/11/77	0	1	
OLYM0153	No	00400	PH (STANDARD UNITS)	03/18/76-05/11/77	1	10	
OLYM0154	No	00400	PH (STANDARD UNITS)	05/11/77-05/11/77	0	1	
OLYM0155	No	00400	PH (STANDARD UNITS)	04/08/94-04/22/94	0	3	
OLYM0156	No	00400	PH (STANDARD UNITS)	03/18/76-05/10/77	1	10	
OLYM0157	No	00400	PH (STANDARD UNITS)	05/11/77-05/11/77	0	1	
OLYM0158	No	00400	PH (STANDARD UNITS)	03/18/76-05/10/77	1	10	
OLYM0159	No	00400	PH (STANDARD UNITS)	03/18/76-02/02/77	0	4	
OLYM0161	No	00400	PH (STANDARD UNITS)	10/27/71-09/17/74	2	18	
OLYM0162	No	00400	PH (STANDARD UNITS)	07/09/59-09/29/97	38	78	S
OLYM0164	No	00400	PH (STANDARD UNITS)	10/25/74-05/15/79	4	20	
OLYM0165	No	00400	PH (STANDARD UNITS)	10/19/59-04/22/94	34	123	T,S
OLYM0166	Yes	00400	PH (STANDARD UNITS)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00400	PH (STANDARD UNITS)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	00400	PH (STANDARD UNITS)	09/14/65-08/27/86	20	191	T,A
OLYM0188	Yes	00400	PH (STANDARD UNITS)	06/28/95-06/28/95	0	1	
OLYM0191	Yes	00400	PH (STANDARD UNITS)	09/20/67-09/20/67	0	1	
OLYM0192	Yes	00400	PH (STANDARD UNITS)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00400	PH (STANDARD UNITS)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00400	PH (STANDARD UNITS)	08/17/95-08/17/95	0	1	
OLYM0202	Yes	00400	PH (STANDARD UNITS)	07/05/95-07/05/95	0	1	
OLYM0204	Yes	00400	PH (STANDARD UNITS)	11/30/54-10/04/67	12	2	
OLYM0205	Yes	00400	PH (STANDARD UNITS)	10/04/66-10/04/66	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0206	Yes	00400	PH (STANDARD UNITS)	10/04/67-10/04/67	0	1	
OLYM0207	Yes	00400	PH (STANDARD UNITS)	10/04/67-01/27/68	0	3	
OLYM0208	Yes	00400	PH (STANDARD UNITS)	10/04/67-10/04/67	0	1	
OLYM0212	Yes	00400	PH (STANDARD UNITS)	08/17/95-08/17/95	0	1	
OLYM0213	No	00400	PH (STANDARD UNITS)	07/06/59-09/27/94	35	20	
OLYM0214	No	00400	PH (STANDARD UNITS)	05/20/48-04/30/80	31	56	S
OLYM0216	Yes	00400	PH (STANDARD UNITS)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00400	PH (STANDARD UNITS)	07/18/60-09/05/61	1	15	
OLYM0229	No	00400	PH (STANDARD UNITS)	07/18/60-06/09/70	9	33	
OLYM0232	Yes	00400	PH (STANDARD UNITS)	07/27/95-03/18/97	1	4	
OLYM0234	No	00400	PH (STANDARD UNITS)	12/14/71-09/17/74	2	17	
OLYM0237	Yes	00400	PH (STANDARD UNITS)	06/27/95-10/18/96	1	3	
OLYM0238	No	00400	PH (STANDARD UNITS)	02/12/68-06/25/68	0	2	
OLYM0239	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0240	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0241	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0242	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0243	Yes	00400	PH (STANDARD UNITS)	06/27/95-06/27/95	0	1	
OLYM0244	No	00400	PH (STANDARD UNITS)	11/01/61-06/04/80	18	53	
OLYM0245	No	00400	PH (STANDARD UNITS)	07/19/60-09/29/97	37	63	S
OLYM0246	No	00400	PH (STANDARD UNITS)	07/19/60-07/19/60	0	1	
OLYM0247	No	00400	PH (STANDARD UNITS)	02/12/68-06/25/68	0	2	
OLYM0249	No	00400	PH (STANDARD UNITS)	11/29/72-09/17/74	1	12	
OLYM0250	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0251	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0252	No	00400	PH (STANDARD UNITS)	09/26/67-09/16/70	2	48	
OLYM0254	No	00400	PH (STANDARD UNITS)	11/29/72-09/17/74	1	11	
OLYM0255	No	00400	PH (STANDARD UNITS)	11/29/72-09/17/74	1	12	
OLYM0256	No	00400	PH (STANDARD UNITS)	07/23/74-07/23/74	0	1	
OLYM0257	No	00400	PH (STANDARD UNITS)	06/20/78-12/11/80	2	7	
OLYM0258	No	00400	PH (STANDARD UNITS)	11/15/77-07/20/93	15	159	
OLYM0259	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0260	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0263	No	00400	PH (STANDARD UNITS)	07/19/60-08/08/72	12	38	
OLYM0265	No	00400	PH (STANDARD UNITS)	10/26/93-09/27/94	0	12	
OLYM0266	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0267	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0269	No	00400	PH (STANDARD UNITS)	11/29/72-09/17/74	1	12	
OLYM0272	No	00400	PH (STANDARD UNITS)	02/12/68-08/08/72	4	7	
OLYM0275	Yes	00400	PH (STANDARD UNITS)	07/25/95-10/12/97	2	2	
OLYM0276	Yes	00400	PH (STANDARD UNITS)	07/26/95-10/12/97	2	3	
OLYM0277	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0279	No	00400	PH (STANDARD UNITS)	10/26/93-09/27/94	0	12	
OLYM0280	No	00400	PH (STANDARD UNITS)	10/27/71-09/17/74	2	18	
OLYM0283	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0285	Yes	00400	PH (STANDARD UNITS)	07/24/95-10/12/97	2	4	
OLYM0288	No	00400	PH (STANDARD UNITS)	06/01/78-06/01/78	0	1	
OLYM0289	No	00400	PH (STANDARD UNITS)	03/29/78-05/22/79	1	6	
OLYM0293	No	00400	PH (STANDARD UNITS)	03/29/78-05/22/79	1	6	
OLYM0294	No	00400	PH (STANDARD UNITS)	09/20/78-09/20/78	0	1	
OLYM0309	Yes	00400	PH (STANDARD UNITS)	07/11/95-03/19/97	1	2	
OLYM0319	Yes	00400	PH (STANDARD UNITS)	07/12/95-07/12/95	0	1	
OLYM0327	No	00400	PH (STANDARD UNITS)	04/19/76-11/02/77	1	7	
OLYM0331	No	00400	PH (STANDARD UNITS)	09/26/67-09/16/70	2	41	
OLYM0341	Yes	00400	PH (STANDARD UNITS)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00400	PH (STANDARD UNITS)	09/19/67-09/19/67	0	1	
OLYM0344	No	00400	PH (STANDARD UNITS)	09/26/67-09/16/70	2	43	
OLYM0350	No	00400	PH (STANDARD UNITS)	04/21/76-03/23/77	0	6	
OLYM0360	No	00400	PH (STANDARD UNITS)	04/20/76-03/23/77	0	6	
OLYM0361	No	00400	PH (STANDARD UNITS)	04/20/76-11/02/77	1	7	
OLYM0362	No	00400	PH (STANDARD UNITS)	09/15/67-09/15/67	0	1	
OLYM0364	Yes	00400	PH (STANDARD UNITS)	03/31/75-10/29/75	0	23	
OLYM0365	No	00400	PH (STANDARD UNITS)	04/20/76-11/03/77	1	7	
OLYM0367	Yes	00400	PH (STANDARD UNITS)	08/09/95-10/11/96	1	3	
OLYM0368	No	00400	PH (STANDARD UNITS)	04/21/76-11/02/77	1	7	
OLYM0372	No	00400	PH (STANDARD UNITS)	04/20/76-11/02/77	1	7	
OLYM0386	Yes	00400	PH (STANDARD UNITS)	03/31/75-10/29/75	0	20	
OLYM0387	Yes	00400	PH (STANDARD UNITS)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00400	PH (STANDARD UNITS)	06/21/95-03/17/97	1	3	
OLYM0392	Yes	00400	PH (STANDARD UNITS)	03/31/75-10/29/75	0	17	
OLYM0398	Yes	00400	PH (STANDARD UNITS)	08/07/95-06/01/97	1	4	
OLYM0399	Yes	00400	PH (STANDARD UNITS)	07/09/59-07/17/61	2	9	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0400	Yes	00400	PH (STANDARD UNITS)	02/19/76-08/26/76	0	48	
OLYM0404	Yes	00400	PH (STANDARD UNITS)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00400	PH (STANDARD UNITS)	08/07/95-01/06/97	1	2	
OLYM0006	No	00403	PH, LAB, STANDARD UNITS SU	09/27/85-09/27/85	0	1	
OLYM0008	Yes	00403	PH, LAB, STANDARD UNITS SU	03/13/96-04/11/97	1	17	
OLYM0155	No	00403	PH, LAB, STANDARD UNITS SU	04/08/94-04/22/94	0	3	
OLYM0163	Yes	00403	PH, LAB, STANDARD UNITS SU	09/09/93-09/09/93	0	1	
OLYM0165	No	00403	PH, LAB, STANDARD UNITS SU	10/10/80-04/22/94	13	45	
OLYM0166	Yes	00403	PH, LAB, STANDARD UNITS SU	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00403	PH, LAB, STANDARD UNITS SU	04/17/94-04/21/94	0	2	
OLYM0168	Yes	00403	PH, LAB, STANDARD UNITS SU	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00403	PH, LAB, STANDARD UNITS SU	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00403	PH, LAB, STANDARD UNITS SU	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00403	PH, LAB, STANDARD UNITS SU	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00403	PH, LAB, STANDARD UNITS SU	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00403	PH, LAB, STANDARD UNITS SU	10/08/80-08/27/86	5	39	
OLYM0177	Yes	00403	PH, LAB, STANDARD UNITS SU	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00403	PH, LAB, STANDARD UNITS SU	09/10/93-09/10/93	0	1	
OLYM0183	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00403	PH, LAB, STANDARD UNITS SU	09/29/85-09/29/85	0	1	
OLYM0189	Yes	00403	PH, LAB, STANDARD UNITS SU	09/29/85-09/29/85	0	1	
OLYM0258	No	00403	PH, LAB, STANDARD UNITS SU	10/09/80-07/20/93	12	54	
OLYM0003	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/10/72-09/24/73	1	9	
OLYM0004	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/28/72-09/24/73	0	5	
OLYM0151	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/11/77-05/11/77	0	1	
OLYM0152	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/11/77-05/11/77	0	1	
OLYM0153	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/76-09/02/76	0	2	
OLYM0154	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/11/77-05/11/77	0	1	
OLYM0156	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/76-09/02/76	0	2	
OLYM0157	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/11/77-05/11/77	0	1	
OLYM0158	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/76-09/02/76	0	2	
OLYM0159	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/76-03/18/76	0	1	
OLYM0161	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/27/71-09/25/73	1	12	
OLYM0164	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/25/74-11/14/77	3	15	
OLYM0165	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/21/74-06/03/80	5	29	
OLYM0176	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	6	62	
OLYM0191	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/22/67-01/27/68	0	2	
OLYM0214	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/11/72-07/17/79	7	19	
OLYM0216	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/20/67-09/20/67	0	1	
OLYM0229	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/60-06/09/70	9	33	
OLYM0234	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/11/72-09/25/73	1	9	
OLYM0244	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/11/72-06/04/80	8	19	
OLYM0249	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/29/72-09/25/73	0	6	
OLYM0254	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/29/72-09/25/73	0	6	
OLYM0255	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/29/72-09/25/73	0	6	
OLYM0258	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/15/77-05/19/78	0	6	
OLYM0263	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/11/72-08/08/72	0	3	
OLYM0269	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/29/72-09/25/73	0	6	
OLYM0272	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/11/72-08/08/72	0	3	
OLYM0280	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/27/71-09/25/73	1	12	
OLYM0288	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/01/78-06/01/78	0	1	
OLYM0289	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/29/78-05/22/79	1	2	
OLYM0293	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/29/78-05/22/79	1	2	
OLYM0327	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/19/67-09/19/67	0	1	
OLYM0350	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/21/76-08/25/76	0	2	
OLYM0360	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/76-08/25/76	0	2	
OLYM0361	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/76-11/02/77	1	3	
OLYM0362	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/15/67-09/15/67	0	1	
OLYM0365	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/76-11/03/77	1	3	
OLYM0368	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/21/76-11/02/77	1	3	
OLYM0372	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/76-11/02/77	1	3	
OLYM0400	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	02/19/76-02/20/76	0	4	
OLYM0184	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	0	60	
OLYM0185	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	0	6	
OLYM0187	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	0	6	
OLYM0190	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	0	6	
OLYM0193	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	0	6	
OLYM0196	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	0	60	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0198	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/13/94-08/17/94	0	3	
OLYM0199	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/13/94-08/17/94	0	3	
OLYM0200	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/13/94-08/17/94	0	3	
OLYM0201	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/13/94-08/17/94	0	3	
OLYM0210	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	0	6	
OLYM0211	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/13/94-08/17/94	0	3	
OLYM0215	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	0	6	
OLYM0218	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	11	271	A
OLYM0219	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	12	263	A
OLYM0333	No	00406	PH, FIELD, STANDARD UNITS SU	01/05/94-11/30/94	0	15	
OLYM0335	No	00406	PH, FIELD, STANDARD UNITS SU	12/15/93-10/18/94	0	13	
OLYM0339	No	00406	PH, FIELD, STANDARD UNITS SU	12/16/93-11/30/94	0	16	
OLYM0345	No	00406	PH, FIELD, STANDARD UNITS SU	12/15/93-10/18/94	0	13	
OLYM0355	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/01/93-03/29/94	0	86	
OLYM0356	No	00406	PH, FIELD, STANDARD UNITS SU	12/16/93-11/30/94	0	16	
OLYM0366	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/01/93-03/29/94	0	98	
OLYM0378	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/01/93-02/22/94	0	72	
OLYM0394	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/01/93-03/29/94	0	62	
OLYM0396	No	00406	PH, FIELD, STANDARD UNITS SU	12/16/93-11/30/94	0	14	
OLYM0402	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/16/93-11/30/94	0	15	
OLYM0006	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/27/85-09/27/85	0	1	
OLYM0183	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/29/85-09/29/85	0	1	
OLYM0189	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/29/85-09/29/85	0	1	
OLYM0003	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/10/72-09/24/73	1	9	
OLYM0004	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/72-09/24/73	0	5	
OLYM0151	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0152	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0153	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	0	2	
OLYM0154	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0156	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	0	2	
OLYM0157	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0158	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	0	2	
OLYM0159	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/76-03/18/76	0	1	
OLYM0161	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/71-09/25/73	1	12	
OLYM0164	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/74-05/15/79	4	20	
OLYM0165	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-09/24/86	26	91	T,S
OLYM0176	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	20	132	T
OLYM0191	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/22/67-01/27/68	0	2	
OLYM0213	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-09/13/67	1	3	
OLYM0214	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/59-04/30/80	20	48	
OLYM0216	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/67-09/20/67	0	1	
OLYM0218	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	11	254	A
OLYM0219	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	12	261	A
OLYM0221	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	0	1	
OLYM0229	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	9	33	
OLYM0234	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/14/71-09/25/73	1	11	
OLYM0235	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	0	1	
OLYM0238	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/12/68-06/25/68	0	2	
OLYM0244	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	18	45	
OLYM0246	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	0	1	
OLYM0247	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/12/68-06/25/68	0	2	
OLYM0249	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0250	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0254	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0255	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0257	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/78-10/09/80	2	7	
OLYM0258	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/15/77-03/23/93	15	39	
OLYM0263	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/02/61-08/08/72	10	21	
OLYM0266	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0269	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0272	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/12/68-08/08/72	4	7	
OLYM0277	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0280	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/71-09/25/73	1	12	
OLYM0288	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/78-06/01/78	0	1	
OLYM0289	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/29/78-05/22/79	1	4	
OLYM0293	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/29/78-05/22/79	1	4	
OLYM0294	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0299	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
OLYM0314	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/25/76-08/25/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0327	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
OLYM0350	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/76-08/25/76	0	2	
OLYM0360	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/76-08/25/76	0	2	
OLYM0361	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/76-11/02/77	1	3	
OLYM0362	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/67-09/15/67	0	1	
OLYM0364	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/31/75-10/29/75	0	23	
OLYM0365	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/76-11/03/77	1	3	
OLYM0368	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/76-11/02/77	1	3	
OLYM0372	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/76-11/02/77	1	3	
OLYM0386	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/31/75-10/29/75	0	20	
OLYM0392	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/31/75-10/29/75	0	17	
OLYM0400	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/19/76-11/10/76	0	8	
OLYM0165	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/22/85-09/24/86	0	6	
OLYM0176	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/14/85-08/27/86	0	4	
OLYM0258	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	03/23/93-03/23/93	0	1	
OLYM0165	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/03/80-06/03/80	0	1	
OLYM0176	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/05/80-06/05/80	0	1	
OLYM0244	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/04/80-06/04/80	0	1	
OLYM0258	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/04/80-06/04/80	0	1	
OLYM0003	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/18/60-09/24/73	13	17	
OLYM0004	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/28/72-09/24/73	0	5	
OLYM0151	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/11/77-05/11/77	0	1	
OLYM0152	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/11/77-05/11/77	0	1	
OLYM0153	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/18/76-09/02/76	0	2	
OLYM0154	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/11/77-05/11/77	0	1	
OLYM0156	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/18/76-09/02/76	0	2	
OLYM0157	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/11/77-05/11/77	0	1	
OLYM0158	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/18/76-09/02/76	0	2	
OLYM0159	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/18/76-03/18/76	0	1	
OLYM0161	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/27/71-09/25/73	1	12	
OLYM0162	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/09/59-08/15/66	7	29	
OLYM0164	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/25/74-11/14/77	3	14	
OLYM0165	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/19/59-06/03/80	20	60	
OLYM0176	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	12	101	
OLYM0188	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/28/95-06/28/95	0	1	
OLYM0191	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/20/67-09/20/67	0	1	
OLYM0192	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/17/95-08/17/95	0	1	
OLYM0198	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/03/94-11/15/94	0	2	
OLYM0202	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/05/95-07/05/95	0	1	
OLYM0204	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/22/67-01/27/68	0	2	
OLYM0209	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/03/94-11/15/94	0	2	
OLYM0212	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/17/95-08/17/95	0	1	
OLYM0213	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/06/59-09/13/67	8	8	
OLYM0214	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/13/47-07/17/79	31	45	S
OLYM0216	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/18/60-09/05/61	1	15	
OLYM0229	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/18/60-06/09/70	9	33	
OLYM0232	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/95-03/18/97	1	4	
OLYM0234	No	00440	BICARBONATE ION (MG/L AS HCO3)	12/14/71-09/25/73	1	11	
OLYM0237	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/27/95-10/18/96	1	3	
OLYM0238	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/12/68-06/25/68	0	2	
OLYM0243	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/27/95-06/27/95	0	1	
OLYM0244	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/01/61-06/04/80	18	41	
OLYM0245	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/19/60-09/05/61	1	15	
OLYM0246	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/19/60-07/19/60	0	1	
OLYM0247	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/12/68-06/25/68	0	2	
OLYM0249	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/29/72-09/25/73	0	6	
OLYM0254	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/29/72-09/25/73	0	6	
OLYM0255	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/29/72-09/25/73	0	6	
OLYM0258	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/15/77-05/19/78	0	6	
OLYM0263	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/19/60-08/08/72	12	38	
OLYM0269	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/29/72-09/25/73	0	6	
OLYM0272	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/12/68-08/08/72	4	7	
OLYM0275	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/25/95-10/12/97	2	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0276	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/26/95-10/12/97	2	3	
OLYM0280	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/27/71-09/25/73	1	12	
OLYM0285	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/24/95-10/12/97	2	4	
OLYM0288	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/01/78-06/01/78	0	1	
OLYM0289	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/29/78-05/22/79	1	2	
OLYM0293	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/29/78-05/22/79	1	2	
OLYM0299	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/24/76-08/24/76	0	1	
OLYM0309	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/11/95-03/19/97	1	2	
OLYM0314	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/25/76-08/25/76	0	1	
OLYM0319	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/12/95-07/12/95	0	1	
OLYM0327	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/24/76-08/24/76	0	1	
OLYM0350	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/21/76-08/25/76	0	2	
OLYM0360	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/20/76-08/25/76	0	2	
OLYM0361	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/20/76-11/02/77	1	3	
OLYM0362	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/15/67-09/15/67	0	1	
OLYM0365	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/20/76-11/03/77	1	3	
OLYM0367	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/09/95-10/11/96	1	3	
OLYM0368	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/21/76-11/02/77	1	3	
OLYM0372	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/20/76-11/02/77	1	3	
OLYM0387	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/21/95-03/17/97	1	3	
OLYM0398	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/07/95-06/01/97	1	4	
OLYM0399	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	02/19/76-11/10/76	0	8	
OLYM0404	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/07/95-01/06/97	1	2	
OLYM0003	No	00445	CARBONATE ION (MG/L AS CO3)	07/18/60-08/01/61	1	8	
OLYM0151	No	00445	CARBONATE ION (MG/L AS CO3)	05/11/77-05/11/77	0	1	
OLYM0152	No	00445	CARBONATE ION (MG/L AS CO3)	05/11/77-05/11/77	0	1	
OLYM0153	No	00445	CARBONATE ION (MG/L AS CO3)	03/18/76-09/02/76	0	2	
OLYM0154	No	00445	CARBONATE ION (MG/L AS CO3)	05/11/77-05/11/77	0	1	
OLYM0156	No	00445	CARBONATE ION (MG/L AS CO3)	03/18/76-09/02/76	0	2	
OLYM0157	No	00445	CARBONATE ION (MG/L AS CO3)	05/11/77-05/11/77	0	1	
OLYM0158	No	00445	CARBONATE ION (MG/L AS CO3)	03/18/76-09/02/76	0	2	
OLYM0159	No	00445	CARBONATE ION (MG/L AS CO3)	03/18/76-03/18/76	0	1	
OLYM0161	No	00445	CARBONATE ION (MG/L AS CO3)	10/27/71-10/27/71	0	1	
OLYM0162	No	00445	CARBONATE ION (MG/L AS CO3)	10/05/60-08/15/66	5	16	
OLYM0164	No	00445	CARBONATE ION (MG/L AS CO3)	03/11/75-11/14/77	2	10	
OLYM0165	No	00445	CARBONATE ION (MG/L AS CO3)	10/19/59-04/18/78	18	55	
OLYM0176	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/14/65-05/18/78	12	88	
OLYM0191	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/22/67-01/27/68	0	2	
OLYM0213	No	00445	CARBONATE ION (MG/L AS CO3)	09/13/47-09/13/67	20	10	
OLYM0214	No	00445	CARBONATE ION (MG/L AS CO3)	10/27/59-07/17/79	19	32	
OLYM0216	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/20/67-09/20/67	0	1	
OLYM0229	No	00445	CARBONATE ION (MG/L AS CO3)	07/18/60-06/09/70	9	33	
OLYM0238	No	00445	CARBONATE ION (MG/L AS CO3)	02/12/68-06/25/68	0	2	
OLYM0244	No	00445	CARBONATE ION (MG/L AS CO3)	11/01/61-07/18/79	17	29	
OLYM0245	No	00445	CARBONATE ION (MG/L AS CO3)	07/19/60-09/05/61	1	15	
OLYM0247	No	00445	CARBONATE ION (MG/L AS CO3)	02/12/68-06/25/68	0	2	
OLYM0258	No	00445	CARBONATE ION (MG/L AS CO3)	11/15/77-05/19/78	0	6	
OLYM0263	No	00445	CARBONATE ION (MG/L AS CO3)	07/19/60-10/27/71	11	33	
OLYM0272	No	00445	CARBONATE ION (MG/L AS CO3)	02/12/68-06/25/68	0	2	
OLYM0280	No	00445	CARBONATE ION (MG/L AS CO3)	10/27/71-09/25/73	1	12	
OLYM0288	No	00445	CARBONATE ION (MG/L AS CO3)	06/01/78-06/01/78	0	1	
OLYM0289	No	00445	CARBONATE ION (MG/L AS CO3)	03/29/78-05/22/79	1	2	
OLYM0293	No	00445	CARBONATE ION (MG/L AS CO3)	03/29/78-05/22/79	1	2	
OLYM0327	No	00445	CARBONATE ION (MG/L AS CO3)	08/25/76-11/02/77	1	2	
OLYM0341	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/19/67-09/19/67	0	1	
OLYM0350	No	00445	CARBONATE ION (MG/L AS CO3)	08/25/76-08/25/76	0	1	
OLYM0360	No	00445	CARBONATE ION (MG/L AS CO3)	08/25/76-08/25/76	0	1	
OLYM0361	No	00445	CARBONATE ION (MG/L AS CO3)	08/25/76-11/02/77	1	2	
OLYM0362	No	00445	CARBONATE ION (MG/L AS CO3)	09/15/67-09/15/67	0	1	
OLYM0365	No	00445	CARBONATE ION (MG/L AS CO3)	08/25/76-11/03/77	1	2	
OLYM0368	No	00445	CARBONATE ION (MG/L AS CO3)	08/25/76-11/02/77	1	2	
OLYM0372	No	00445	CARBONATE ION (MG/L AS CO3)	08/25/76-11/02/77	1	2	
OLYM0399	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/09/59-07/17/61	2	9	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0400	Yes	00445	CARBONATE ION (MG/L AS CO3)	02/19/76-02/19/76	0	1	
OLYM0165	No	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/22/85-09/24/86	0	6	
OLYM0176	Yes	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/14/85-08/27/86	0	4	
OLYM0258	No	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	03/23/93-03/23/93	0	1	
OLYM0165	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/22/85-09/24/86	0	6	
OLYM0176	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/14/85-08/27/86	0	4	
OLYM0258	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	03/23/93-03/23/93	0	1	
OLYM0008	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	09/28/95-04/11/97	1	19	
OLYM0155	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/08/94-04/22/94	0	3	
OLYM0165	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/15/94-04/21/94	0	2	
OLYM0258	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/17/87-07/20/93	5	21	
OLYM0008	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	09/28/95-04/11/97	1	19	
OLYM0155	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/08/94-04/22/94	0	3	
OLYM0165	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/15/94-04/21/94	0	2	
OLYM0258	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/17/87-07/20/93	5	21	
OLYM0009	No	00480	SALINITY - PARTS PER THOUSAND	09/06/63-07/15/74	10	44	
OLYM0010	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	18	
OLYM0011	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	12	
OLYM0012	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	27	
OLYM0013	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	3	
OLYM0016	No	00480	SALINITY - PARTS PER THOUSAND	08/27/74-08/27/74	0	1	
OLYM0017	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	3	
OLYM0019	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	28	
OLYM0021	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	7	
OLYM0022	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	24	
OLYM0023	No	00480	SALINITY - PARTS PER THOUSAND	06/14/72-06/14/72	0	3	
OLYM0024	No	00480	SALINITY - PARTS PER THOUSAND	06/14/72-06/14/72	0	3	
OLYM0025	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	24	
OLYM0026	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	44	
OLYM0027	No	00480	SALINITY - PARTS PER THOUSAND	03/20/51-12/10/63	12	75	
OLYM0029	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	28	
OLYM0030	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	35	
OLYM0031	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	0	4	
OLYM0032	No	00480	SALINITY - PARTS PER THOUSAND	06/14/72-06/14/72	0	3	
OLYM0033	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	0	3	
OLYM0034	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	0	6	
OLYM0035	No	00480	SALINITY - PARTS PER THOUSAND	07/24/73-08/18/76	3	10	
OLYM0037	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-08/30/63	0	25	
OLYM0038	Yes	00480	SALINITY - PARTS PER THOUSAND	02/19/55-05/07/67	12	73	
OLYM0039	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	0	19	
OLYM0040	No	00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	2	40	
OLYM0041	No	00480	SALINITY - PARTS PER THOUSAND	06/26/63-07/27/63	0	6	
OLYM0042	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	0	31	
OLYM0043	No	00480	SALINITY - PARTS PER THOUSAND	04/17/63-12/10/63	0	28	
OLYM0044	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	4	
OLYM0045	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	6	
OLYM0046	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	0	59	
OLYM0047	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	7	
OLYM0048	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	5	
OLYM0049	No	00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	12	80	
OLYM0050	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	0	54	
OLYM0051	No	00480	SALINITY - PARTS PER THOUSAND	06/14/72-06/14/72	0	3	
OLYM0052	No	00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	2	50	
OLYM0054	No	00480	SALINITY - PARTS PER THOUSAND	07/27/63-08/30/63	0	9	
OLYM0055	No	00480	SALINITY - PARTS PER THOUSAND	09/11/62-09/11/62	0	2	
OLYM0056	No	00480	SALINITY - PARTS PER THOUSAND	09/08/63-10/29/63	0	9	
OLYM0057	No	00480	SALINITY - PARTS PER THOUSAND	04/09/73-08/18/76	3	28	
OLYM0058	No	00480	SALINITY - PARTS PER THOUSAND	09/10/62-09/11/62	0	9	
OLYM0059	No	00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	12	45	
OLYM0061	No	00480	SALINITY - PARTS PER THOUSAND	09/10/62-09/11/62	0	6	
OLYM0062	No	00480	SALINITY - PARTS PER THOUSAND	09/10/62-09/10/62	0	2	
OLYM0063	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-01/09/64	1	39	
OLYM0064	No	00480	SALINITY - PARTS PER THOUSAND	06/14/72-06/14/72	0	3	
OLYM0065	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	3	
OLYM0066	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	24	
OLYM0067	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	0	4	
OLYM0068	No	00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	12	48	
OLYM0069	No	00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	2	49	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0070	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	0	5	
OLYM0071	No	00480	SALINITY - PARTS PER THOUSAND	10/29/63-10/29/63	0	6	
OLYM0072	No	00480	SALINITY - PARTS PER THOUSAND	08/30/63-08/30/63	0	6	
OLYM0074	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	0	11	
OLYM0075	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-12/10/63	0	31	
OLYM0076	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	0	68	
OLYM0077	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	6	
OLYM0078	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	7	
OLYM0079	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	4	
OLYM0080	No	00480	SALINITY - PARTS PER THOUSAND	04/18/63-08/30/63	0	7	
OLYM0081	No	00480	SALINITY - PARTS PER THOUSAND	04/18/63-01/09/64	0	13	
OLYM0082	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	3	
OLYM0083	No	00480	SALINITY - PARTS PER THOUSAND	04/18/63-01/09/64	0	22	
OLYM0084	No	00480	SALINITY - PARTS PER THOUSAND	10/29/63-10/29/63	0	3	
OLYM0085	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-10/29/63	0	34	
OLYM0086	No	00480	SALINITY - PARTS PER THOUSAND	03/08/63-06/26/63	0	9	
OLYM0087	No	00480	SALINITY - PARTS PER THOUSAND	09/08/63-09/08/63	0	3	
OLYM0088	No	00480	SALINITY - PARTS PER THOUSAND	07/27/63-07/27/63	0	5	
OLYM0089	No	00480	SALINITY - PARTS PER THOUSAND	07/27/63-08/30/63	0	11	
OLYM0090	No	00480	SALINITY - PARTS PER THOUSAND	07/27/63-07/27/63	0	3	
OLYM0091	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	0	5	
OLYM0092	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-08/30/63	0	10	
OLYM0093	No	00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	12	60	
OLYM0094	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	0	6	
OLYM0095	No	00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	2	50	
OLYM0096	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	52	
OLYM0097	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	0	19	
OLYM0098	No	00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	4	43	
OLYM0099	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-01/09/64	1	19	
OLYM0100	No	00480	SALINITY - PARTS PER THOUSAND	04/18/63-04/18/63	0	12	
OLYM0101	No	00480	SALINITY - PARTS PER THOUSAND	07/27/63-08/30/63	0	10	
OLYM0102	No	00480	SALINITY - PARTS PER THOUSAND	04/17/63-12/10/63	0	10	
OLYM0103	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	0	19	
OLYM0104	No	00480	SALINITY - PARTS PER THOUSAND	12/10/63-12/10/63	0	7	
OLYM0105	No	00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	2	52	
OLYM0106	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	5	
OLYM0107	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	6	
OLYM0108	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	4	
OLYM0109	No	00480	SALINITY - PARTS PER THOUSAND	04/18/63-12/10/63	0	16	
OLYM0110	No	00480	SALINITY - PARTS PER THOUSAND	04/17/63-10/29/63	0	23	
OLYM0111	No	00480	SALINITY - PARTS PER THOUSAND	10/29/63-10/29/63	0	5	
OLYM0112	No	00480	SALINITY - PARTS PER THOUSAND	07/27/63-07/27/63	0	5	
OLYM0113	No	00480	SALINITY - PARTS PER THOUSAND	03/08/63-03/08/63	0	5	
OLYM0114	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-07/27/63	0	19	
OLYM0115	No	00480	SALINITY - PARTS PER THOUSAND	03/08/63-03/08/63	0	6	
OLYM0116	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	5	
OLYM0117	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	6	
OLYM0118	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	4	
OLYM0119	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-02/03/63	0	4	
OLYM0120	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-02/03/63	0	5	
OLYM0121	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	0	4	
OLYM0122	No	00480	SALINITY - PARTS PER THOUSAND	04/17/63-01/09/64	0	46	
OLYM0123	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-10/29/63	1	19	
OLYM0124	No	00480	SALINITY - PARTS PER THOUSAND	06/26/63-01/09/64	0	20	
OLYM0125	No	00480	SALINITY - PARTS PER THOUSAND	04/18/63-01/09/64	0	16	
OLYM0126	No	00480	SALINITY - PARTS PER THOUSAND	03/08/63-12/10/63	0	20	
OLYM0127	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-04/18/63	0	8	
OLYM0128	No	00480	SALINITY - PARTS PER THOUSAND	03/08/63-08/30/63	0	11	
OLYM0129	No	00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	12	61	
OLYM0130	No	00480	SALINITY - PARTS PER THOUSAND	06/26/63-06/26/63	0	6	
OLYM0131	No	00480	SALINITY - PARTS PER THOUSAND	02/03/63-02/03/63	0	4	
OLYM0138	No	00480	SALINITY - PARTS PER THOUSAND	04/17/63-01/09/64	0	24	
OLYM0139	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	4	
OLYM0140	No	00480	SALINITY - PARTS PER THOUSAND	09/09/62-08/30/63	0	15	
OLYM0141	No	00480	SALINITY - PARTS PER THOUSAND	10/29/63-10/29/63	0	4	
OLYM0142	No	00480	SALINITY - PARTS PER THOUSAND	08/27/74-08/27/74	0	4	
OLYM0143	No	00480	SALINITY - PARTS PER THOUSAND	04/17/63-01/09/64	0	41	
OLYM0144	No	00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	2	52	
OLYM0145	No	00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	0	4	
OLYM0146	No	00480	SALINITY - PARTS PER THOUSAND	09/27/67-11/09/87	20	66	
OLYM0147	No	00480	SALINITY - PARTS PER THOUSAND	07/15/68-08/18/76	8	24	
OLYM0148	No	00480	SALINITY - PARTS PER THOUSAND	08/25/75-08/18/76	0	7	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0160	No	00480	SALINITY - PARTS PER THOUSAND	07/24/73-08/18/76	3	6	
OLYM0178	No	00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	12	34	
OLYM0179	Yes	00480	SALINITY - PARTS PER THOUSAND	08/10/67-08/10/67	0	7	
OLYM0220	No	00480	SALINITY - PARTS PER THOUSAND	06/10/68-06/10/68	0	10	
OLYM0230	No	00480	SALINITY - PARTS PER THOUSAND	07/19/53-09/12/64	11	53	
OLYM0252	No	00480	SALINITY - PARTS PER THOUSAND	09/26/67-09/16/70	2	48	
OLYM0314	No	00480	SALINITY - PARTS PER THOUSAND	08/12/76-08/12/76	0	1	
OLYM0331	No	00480	SALINITY - PARTS PER THOUSAND	09/26/67-09/16/70	2	41	
OLYM0340	No	00480	SALINITY - PARTS PER THOUSAND	09/12/64-09/12/64	0	7	
OLYM0344	No	00480	SALINITY - PARTS PER THOUSAND	09/26/67-09/16/70	2	44	
OLYM0349	Yes	00480	SALINITY - PARTS PER THOUSAND	09/10/76-09/10/76	0	2	
OLYM0351	Yes	00480	SALINITY - PARTS PER THOUSAND	09/10/76-09/10/76	0	3	
OLYM0352	Yes	00480	SALINITY - PARTS PER THOUSAND	08/11/76-08/19/76	0	9	
OLYM0363	Yes	00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	0	27	
OLYM0369	No	00480	SALINITY - PARTS PER THOUSAND	09/10/76-09/10/76	0	1	
OLYM0370	Yes	00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	0	18	
OLYM0373	No	00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	0	26	
OLYM0374	No	00480	SALINITY - PARTS PER THOUSAND	08/19/76-09/10/76	0	8	
OLYM0375	No	00480	SALINITY - PARTS PER THOUSAND	09/10/76-09/10/76	0	1	
OLYM0379	No	00480	SALINITY - PARTS PER THOUSAND	08/12/76-09/10/76	0	19	
OLYM0380	No	00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	0	37	
OLYM0381	No	00480	SALINITY - PARTS PER THOUSAND	08/19/76-08/19/76	0	1	
OLYM0382	No	00480	SALINITY - PARTS PER THOUSAND	08/19/76-08/19/76	0	1	
OLYM0383	No	00480	SALINITY - PARTS PER THOUSAND	08/19/76-08/19/76	0	1	
OLYM0384	No	00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	0	34	
OLYM0385	No	00480	SALINITY - PARTS PER THOUSAND	08/19/76-08/19/76	0	4	
OLYM0389	No	00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	0	34	
OLYM0390	No	00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	0	15	
OLYM0028	No	00500	RESIDUE, TOTAL (MG/L)	10/02/72-10/31/72	0	7	
OLYM0060	No	00500	RESIDUE, TOTAL (MG/L)	10/30/72-11/05/72	0	7	
OLYM0028	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/02/72-10/31/72	0	7	
OLYM0060	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/30/72-11/05/72	0	7	
OLYM0176	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/06/81-08/06/81	0	1	
OLYM0176	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/13/67-10/17/77	10	13	
OLYM0213	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/13/67-09/13/67	0	1	
OLYM0002	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/93-09/30/97	3	46	
OLYM0005	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/93-09/26/94	0	12	
OLYM0028	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/02/72-10/31/72	0	6	
OLYM0060	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/30/72-11/05/72	0	7	
OLYM0162	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	3	47	
OLYM0164	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/76-08/29/78	1	9	
OLYM0165	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/25/76-09/13/78	2	16	
OLYM0176	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/13/67-10/17/77	10	13	
OLYM0188	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/28/95-06/28/95	0	1	
OLYM0192	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/95-08/17/95	0	1	
OLYM0202	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/05/95-07/05/95	0	1	
OLYM0212	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/95-08/17/95	0	1	
OLYM0213	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/13/67-09/27/94	27	13	
OLYM0232	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/27/95-03/18/97	1	3	
OLYM0237	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/27/95-10/18/96	1	2	
OLYM0243	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/27/95-06/27/95	0	1	
OLYM0245	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	3	47	
OLYM0257	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/78-06/20/78	0	1	
OLYM0258	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/31/78-09/27/78	0	8	
OLYM0265	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/27/94	0	12	
OLYM0275	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/25/95-10/12/97	2	2	
OLYM0276	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/26/95-10/12/97	2	3	
OLYM0279	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/27/94	0	12	
OLYM0285	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/24/95-10/12/97	2	3	
OLYM0309	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/95-03/19/97	1	2	
OLYM0319	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/95-07/12/95	0	1	
OLYM0367	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/09/95-10/11/96	1	2	
OLYM0387	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/95-03/17/97	1	2	
OLYM0398	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/07/95-06/01/97	1	3	
OLYM0404	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/07/95-01/06/97	1	2	
OLYM0028	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/02/72-10/31/72	0	6	
OLYM0060	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/30/72-11/05/72	0	7	
OLYM0132	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0133	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	0	1	
OLYM0134	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	0	1	
OLYM0135	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	0	1	
OLYM0136	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	0	1	
OLYM0137	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	0	1	
OLYM0165	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	04/14/75-04/16/80	5	16	
OLYM0257	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	11/15/78-07/18/79	0	2	
OLYM0258	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	05/19/78-10/23/79	1	6	
OLYM0165	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	04/14/75-04/16/80	5	16	
OLYM0257	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	11/15/78-07/18/79	0	2	
OLYM0258	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	05/19/78-10/23/79	1	6	
OLYM0002	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/25/93-09/30/97	3	45	
OLYM0005	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/25/93-08/22/94	0	11	
OLYM0008	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	12/20/73-07/16/81	7	40	
OLYM0162	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/26/93-09/29/97	3	47	
OLYM0165	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	6	59	
OLYM0176	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/20/77-10/07/81	4	19	
OLYM0184	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	0	60	
OLYM0185	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	0	6	
OLYM0187	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	0	6	
OLYM0190	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	0	6	
OLYM0193	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	0	6	
OLYM0196	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	0	60	
OLYM0210	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	0	6	
OLYM0213	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/26/93-08/23/94	0	11	
OLYM0215	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	0	6	
OLYM0221	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0222	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0223	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0224	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0225	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0226	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0227	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0231	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0235	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0236	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0239	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0240	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0241	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0242	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0244	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-06/04/80	1	2	
OLYM0245	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/26/93-09/29/97	3	47	
OLYM0246	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0250	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0251	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0257	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/20/78-08/08/79	1	6	
OLYM0258	No	00600	NITROGEN, TOTAL (MG/L AS N)	01/31/78-09/11/81	3	30	
OLYM0259	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0260	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0265	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/26/93-08/23/94	0	11	
OLYM0266	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0267	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0277	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0279	No	00600	NITROGEN, TOTAL (MG/L AS N)	10/26/93-08/23/94	0	11	
OLYM0283	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0289	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/29/78-05/22/79	1	3	
OLYM0293	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/29/78-05/22/79	1	3	
OLYM0294	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0327	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/02/77-11/02/77	0	1	
OLYM0354	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0357	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0358	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0359	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0361	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/02/77-11/02/77	0	1	
OLYM0365	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0368	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/02/77-11/02/77	0	1	
OLYM0372	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/02/77-11/02/77	0	1	
OLYM0163	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0165	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/12/79-09/09/81	1	21	
OLYM0168	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0173	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/05/80-10/07/81	1	12	
OLYM0177	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0232	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	10/24/96-03/18/97	0	2	
OLYM0237	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	10/18/96-10/18/96	0	1	
OLYM0244	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	06/04/80-06/04/80	0	1	
OLYM0258	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	09/12/79-09/11/81	1	16	
OLYM0275	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	10/12/97-10/12/97	0	1	
OLYM0276	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	01/01/97-10/12/97	0	2	
OLYM0285	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	12/04/96-10/12/97	0	2	
OLYM0309	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	03/19/97-03/19/97	0	1	
OLYM0367	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	10/11/96-10/11/96	0	1	
OLYM0387	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	03/17/97-03/17/97	0	1	
OLYM0388	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	03/17/97-03/17/97	0	1	
OLYM0398	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	10/11/96-06/01/97	0	2	
OLYM0404	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	10/11/96-01/07/97	0	2	
OLYM0405	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	01/06/97-01/06/97	0	1	
OLYM0003	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/07/72-08/07/72	0	1	
OLYM0008	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/20/73-04/16/81	7	38	
OLYM0153	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0156	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0158	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0159	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/18/76-03/18/76	0	1	
OLYM0161	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0164	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/17/75-05/15/79	3	12	
OLYM0165	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	10	56	
OLYM0176	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/77-09/22/82	5	27	
OLYM0221	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0222	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0223	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0224	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0225	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0226	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0227	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0231	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0235	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0236	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0239	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0240	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0241	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0242	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0244	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-06/04/80	1	2	
OLYM0246	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0250	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0251	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0257	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/20/78-12/11/80	2	7	
OLYM0258	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/31/78-09/11/81	3	30	
OLYM0259	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0260	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0266	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0267	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0277	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0280	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0283	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0289	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/29/78-05/22/79	1	3	
OLYM0293	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/29/78-05/22/79	1	3	
OLYM0294	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0327	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/19/76-11/02/77	1	3	
OLYM0350	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/21/76-08/25/76	0	2	
OLYM0354	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0357	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0358	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0359	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0360	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0361	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/76-11/02/77	1	3	
OLYM0365	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/76-11/03/77	1	3	
OLYM0368	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/21/76-11/02/77	1	3	
OLYM0372	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/76-11/02/77	1	3	
OLYM0400	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/19/76-11/10/76	0	98	
OLYM0401	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/27/76-04/27/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0165	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/17/79-09/09/81	1	18	
OLYM0176	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	06/05/80-09/22/82	2	20	
OLYM0244	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	06/04/80-06/04/80	0	1	
OLYM0258	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/23/79-09/11/81	1	15	
OLYM0008	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/96-04/11/97	1	18	
OLYM0163	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0165	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-09/24/86	6	49	
OLYM0168	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/05/80-08/27/86	6	38	
OLYM0177	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0198	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0244	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/04/80-06/04/80	0	1	
OLYM0258	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/23/79-07/20/93	13	63	
OLYM0371	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0376	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0377	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0391	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0002	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/93-09/30/97	3	44	
OLYM0003	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/72-09/16/74	2	15	
OLYM0004	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/72-09/16/74	1	11	
OLYM0005	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/93-08/22/94	0	11	
OLYM0007	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/17/80-06/17/80	0	1	
OLYM0008	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/20/73-02/11/82	8	39	
OLYM0069	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-09/10/75	2	32	
OLYM0146	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	14	194	A
OLYM0153	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0156	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0158	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0159	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/76-03/18/76	0	1	
OLYM0161	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-09/17/74	2	18	
OLYM0162	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-09/29/97	3	47	
OLYM0164	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/17/75-05/15/79	3	16	
OLYM0165	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	11	63	
OLYM0176	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/77-08/27/86	9	33	
OLYM0188	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/28/95-06/28/95	0	1	
OLYM0192	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/95-08/17/95	0	1	
OLYM0202	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/95-07/05/95	0	1	
OLYM0212	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/95-08/17/95	0	2	
OLYM0213	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-08/23/94	0	11	
OLYM0214	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-04/30/80	8	34	
OLYM0218	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	11	272	
OLYM0219	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	12	255	A
OLYM0221	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0222	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0223	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0224	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0225	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0226	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0227	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0231	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0232	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/27/95-03/18/97	1	4	
OLYM0234	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/71-09/17/74	2	17	
OLYM0235	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0236	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0237	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/95-10/18/96	1	2	
OLYM0239	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0240	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0241	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0242	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0243	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/95-06/27/95	0	2	
OLYM0244	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-06/04/80	8	36	
OLYM0245	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-09/29/97	3	47	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0246	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0249	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/29/72-09/17/74	1	12	
OLYM0250	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0251	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0253	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0254	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/29/72-09/17/74	1	11	
OLYM0255	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/29/72-09/17/74	1	12	
OLYM0257	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/78-12/11/80	2	7	
OLYM0258	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/77-11/18/92	15	57	
OLYM0259	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0260	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0261	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0262	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0263	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-08/08/72	0	6	
OLYM0264	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0265	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-08/23/94	0	11	
OLYM0266	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0267	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0269	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/29/72-09/17/74	1	12	
OLYM0271	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0272	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0273	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0274	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0275	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/25/95-10/12/97	2	3	
OLYM0276	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/95-10/12/97	2	3	
OLYM0277	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0278	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0279	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-08/23/94	0	11	
OLYM0280	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/71-09/17/74	2	17	
OLYM0281	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0282	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0283	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0284	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0285	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/95-10/12/97	2	3	
OLYM0286	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0287	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0289	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/78-05/22/79	1	3	
OLYM0290	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0291	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0292	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0293	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/78-05/22/79	1	3	
OLYM0294	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0295	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0296	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0297	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0298	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0299	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0300	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0301	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0302	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0303	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0304	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0305	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0306	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0307	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0308	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0309	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/95-03/19/97	1	2	
OLYM0310	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0311	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0312	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0313	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0314	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0315	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/77-10/04/77	0	1	
OLYM0316	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0317	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0318	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0319	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/95-07/12/95	0	1	
OLYM0320	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0321	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0322	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0323	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0324	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0326	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0327	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/19/76-11/02/77	1	3	
OLYM0328	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0329	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/74-08/02/75	0	10	
OLYM0330	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0332	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0334	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0336	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0337	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0338	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/74-08/02/75	0	9	
OLYM0346	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-08/25/76	0	1	
OLYM0348	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0349	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	4	
OLYM0350	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/21/76-08/25/76	0	2	
OLYM0351	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/10/76-09/10/76	0	3	
OLYM0352	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	7	
OLYM0353	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/74-08/02/75	0	9	
OLYM0354	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0357	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0358	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0359	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0360	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0361	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/76-11/02/77	1	3	
OLYM0363	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	0	16	
OLYM0364	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/31/75-10/29/75	0	23	
OLYM0365	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/76-11/03/77	1	3	
OLYM0367	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/95-10/11/96	1	2	
OLYM0368	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/21/76-11/02/77	1	3	
OLYM0369	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/10/76-09/10/76	0	1	
OLYM0370	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	0	16	
OLYM0372	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/76-11/02/77	1	3	
OLYM0373	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	0	22	
OLYM0374	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	0	8	
OLYM0375	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/10/76-09/10/76	0	1	
OLYM0379	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	0	15	
OLYM0380	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	0	30	
OLYM0381	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0382	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0383	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0384	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	0	28	
OLYM0385	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	4	
OLYM0386	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/31/75-10/29/75	0	20	
OLYM0387	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/21/95-03/17/97	1	2	
OLYM0389	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	0	24	
OLYM0390	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	0	4	
OLYM0392	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/31/75-10/29/75	0	17	
OLYM0398	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/95-06/01/97	1	4	
OLYM0400	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/76-11/10/76	0	98	
OLYM0401	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/76-04/27/76	0	1	
OLYM0403	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/74-08/02/75	0	10	
OLYM0404	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/95-01/06/97	1	2	
OLYM0003	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/10/72-08/07/72	0	3	
OLYM0008	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/13/96-04/11/97	1	18	
OLYM0161	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	0	6	
OLYM0163	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0165	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/07/81-09/24/86	5	8	
OLYM0168	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/26/72-08/27/86	14	5	
OLYM0177	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0214	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	0	6	
OLYM0234	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0244	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	0	6	
OLYM0258	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/13/85-07/20/93	7	29	
OLYM0263	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	0	6	
OLYM0272	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/14/71-08/08/72	0	5	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0003	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/28/72-05/29/73	0	4	
OLYM0004	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/28/72-05/29/73	0	3	
OLYM0008	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/20/73-09/18/80	6	3	
OLYM0069	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/10/75	2	32	
OLYM0146	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	14	198	A
OLYM0153	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0156	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0158	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0159	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/18/76-03/18/76	0	1	
OLYM0161	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/28/72-05/30/73	0	4	
OLYM0164	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/17/75-09/21/77	2	9	
OLYM0165	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/14/75-06/05/81	5	20	
OLYM0176	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/04/81-06/04/81	0	1	
OLYM0213	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/27/71-08/08/72	0	6	
OLYM0214	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	0	4	
OLYM0234	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	0	4	
OLYM0244	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	0	4	
OLYM0249	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	0	4	
OLYM0253	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0254	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	0	4	
OLYM0255	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	0	4	
OLYM0258	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/06/90-11/18/92	1	9	
OLYM0261	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0262	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0264	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0269	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	0	4	
OLYM0271	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0273	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0274	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0278	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0280	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/14/71-09/25/73	1	11	
OLYM0281	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0282	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0284	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0286	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0287	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0289	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/28/78-05/22/79	0	2	
OLYM0290	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0291	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0292	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0293	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/28/78-05/22/79	0	2	
OLYM0295	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0296	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0297	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0298	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0299	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0300	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0301	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0302	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0303	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0304	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0305	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0306	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0307	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0308	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0310	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0311	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0312	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0313	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0314	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0315	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/04/77-10/04/77	0	1	
OLYM0316	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0317	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0318	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0320	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0321	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0322	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0323	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0324	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0326	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0327	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/19/76-08/25/76	0	2	
OLYM0328	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0329	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	0	2	
OLYM0330	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0332	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0334	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0336	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0337	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0338	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	0	2	
OLYM0346	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-08/25/76	0	1	
OLYM0348	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0349	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0350	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/21/76-08/25/76	0	2	
OLYM0352	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	7	
OLYM0353	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	0	2	
OLYM0360	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0361	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0363	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	12	
OLYM0365	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0368	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/21/76-08/25/76	0	2	
OLYM0370	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	12	
OLYM0372	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0373	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	18	
OLYM0374	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	4	
OLYM0379	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	6	
OLYM0380	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	24	
OLYM0381	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0382	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0383	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0384	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	20	
OLYM0385	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	4	
OLYM0389	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	16	
OLYM0390	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0400	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/19/76-11/10/76	0	98	
OLYM0401	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/76-04/27/76	0	1	
OLYM0403	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	0	2	
OLYM0003	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/10/72-08/07/72	0	3	
OLYM0038	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/05/67-05/07/67	0	53	
OLYM0161	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	0	6	
OLYM0163	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0165	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/07/81-07/07/81	0	1	
OLYM0168	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/70-07/26/72	1	9	
OLYM0177	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0214	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	0	6	
OLYM0218	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	11	271	A
OLYM0219	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	12	257	A
OLYM0220	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/10/68-06/10/68	0	10	
OLYM0234	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0244	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	0	6	
OLYM0263	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	0	6	
OLYM0272	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0003	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/72-09/24/73	0	6	
OLYM0004	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/72-09/24/73	0	5	
OLYM0008	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/20/73-09/18/80	6	3	
OLYM0069	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/10/75	2	32	
OLYM0146	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	14	190	A
OLYM0153	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0156	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0158	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0159	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/18/76-03/18/76	0	1	
OLYM0161	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/72-09/25/73	0	6	
OLYM0162	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/59-08/15/66	7	29	
OLYM0164	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/17/75-09/21/77	2	9	
OLYM0165	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/14/75-06/05/81	5	20	
OLYM0176	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/81-06/04/81	0	1	
OLYM0191	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/20/67-09/20/67	0	1	
OLYM0213	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/13/47-08/08/72	24	32	
OLYM0214	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	0	6	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0216	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/20/67-09/20/67	0	1	
OLYM0229	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/60-06/09/70	9	33	
OLYM0234	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	0	6	
OLYM0244	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	0	6	
OLYM0245	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/09/70	9	32	
OLYM0249	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	0	6	
OLYM0253	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0254	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	0	6	
OLYM0255	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	0	6	
OLYM0261	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0262	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0264	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0265	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/04/70	9	31	
OLYM0269	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	0	6	
OLYM0271	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0273	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0274	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0278	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0280	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/14/71-09/25/73	1	11	
OLYM0281	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0282	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0284	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0286	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0287	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0289	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-05/22/79	0	2	
OLYM0290	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0291	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0292	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0293	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-05/22/79	0	2	
OLYM0295	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0296	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0297	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0298	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0299	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	1	2	
OLYM0300	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0301	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0302	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0303	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0304	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0305	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0306	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0307	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0308	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0310	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0311	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	1	2	
OLYM0312	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0313	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0314	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0315	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/77-10/04/77	0	1	
OLYM0316	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0317	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0318	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0320	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0321	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0322	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0323	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0324	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0326	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0327	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/19/76-08/25/76	0	2	
OLYM0328	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0329	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	0	2	
OLYM0330	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0332	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0334	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0336	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	
OLYM0337	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0338	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	0	2	
OLYM0341	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/67-09/19/67	0	1	
OLYM0346	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-08/25/76	0	1	
OLYM0348	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	1	2	
OLYM0349	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	1	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0350	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/21/76-08/25/76	0	2	
OLYM0352	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	7	
OLYM0353	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	0	2	
OLYM0360	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0361	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0362	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/15/67-09/15/67	0	1	
OLYM0363	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	12	
OLYM0365	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0368	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/21/76-08/25/76	0	2	
OLYM0370	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	12	
OLYM0372	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0373	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	18	
OLYM0374	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	4	
OLYM0379	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	6	
OLYM0380	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	24	
OLYM0381	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0382	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0383	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0384	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	20	
OLYM0385	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	4	
OLYM0389	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	16	
OLYM0390	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	0	1	
OLYM0399	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/19/76-11/10/76	0	98	
OLYM0401	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/76-04/27/76	0	1	
OLYM0403	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	0	2	
OLYM0008	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/13/96-04/11/97	1	18	
OLYM0165	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/25/77-09/09/81	3	36	
OLYM0176	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/05/80-09/22/82	2	21	
OLYM0188	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/28/95-06/28/95	0	1	
OLYM0192	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/17/95-08/17/95	0	1	
OLYM0198	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0202	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/95-07/05/95	0	1	
OLYM0209	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0212	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/17/95-08/17/95	0	1	
OLYM0218	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	11	243	A
OLYM0219	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	12	229	A
OLYM0232	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/27/95-07/27/95	0	1	
OLYM0237	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/27/95-06/27/95	0	1	
OLYM0243	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/27/95-06/27/95	0	1	
OLYM0244	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/04/80-06/04/80	0	1	
OLYM0257	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/20/78-08/08/79	1	6	
OLYM0258	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/31/78-07/17/91	13	31	
OLYM0275	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/25/95-07/25/95	0	1	
OLYM0276	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/26/95-07/26/95	0	1	
OLYM0285	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/24/95-07/24/95	0	1	
OLYM0309	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/11/95-07/11/95	0	1	
OLYM0319	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/12/95-07/12/95	0	1	
OLYM0367	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/09/95-08/09/95	0	1	
OLYM0387	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/21/95-06/21/95	0	1	
OLYM0388	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/21/95-06/21/95	0	1	
OLYM0398	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/07/95-08/07/95	0	1	
OLYM0404	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/07/95-08/07/95	0	1	
OLYM0405	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/07/95-08/07/95	0	1	
OLYM0165	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	01/30/78-09/09/81	3	35	
OLYM0176	Yes	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/05/80-09/22/82	2	22	
OLYM0244	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/04/80-06/04/80	0	1	
OLYM0257	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/20/78-08/08/79	1	6	
OLYM0258	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	01/31/78-09/11/81	3	30	
OLYM0003	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/10/72-08/07/72	0	3	
OLYM0008	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	23	91	T,S
OLYM0153	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0156	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0158	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/76-09/02/76	0	2	
OLYM0159	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/76-03/18/76	0	1	
OLYM0161	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0164	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/74-05/15/79	4	18	
OLYM0165	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	11	88	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0176	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/77-08/27/86	9	45	
OLYM0214	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0221	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0222	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0223	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0224	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0225	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0226	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0227	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0231	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0234	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0235	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0236	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0239	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0240	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0241	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0242	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0244	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-06/04/80	8	7	
OLYM0246	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0250	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0251	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0257	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/78-12/11/80	2	7	
OLYM0258	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/31/78-07/20/93	15	78	
OLYM0259	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0260	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0263	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0266	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0267	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0272	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0277	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0280	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	0	5	
OLYM0283	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0289	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/78-05/22/79	1	3	
OLYM0293	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/78-05/22/79	1	3	
OLYM0294	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0327	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/19/76-11/02/77	1	3	
OLYM0329	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/74-08/02/75	0	10	
OLYM0338	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/74-08/02/75	0	9	
OLYM0350	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/21/76-08/25/76	0	2	
OLYM0353	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/74-08/02/75	0	9	
OLYM0354	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0357	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0358	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0359	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0360	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/76-08/25/76	0	2	
OLYM0361	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/76-11/02/77	1	3	
OLYM0364	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/31/75-10/29/75	0	23	
OLYM0365	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/76-11/03/77	1	3	
OLYM0368	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/21/76-11/02/77	1	3	
OLYM0371	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0372	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/76-11/02/77	1	3	
OLYM0376	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0377	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0386	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/31/75-10/29/75	0	20	
OLYM0391	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0392	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/31/75-10/29/75	0	17	
OLYM0400	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/76-11/10/76	0	98	
OLYM0401	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/76-04/27/76	0	1	
OLYM0403	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/74-08/02/75	0	10	
OLYM0002	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/93-09/30/97	3	46	
OLYM0003	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/73-09/16/74	0	6	
OLYM0004	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/73-09/16/74	0	6	
OLYM0005	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/93-09/26/94	0	12	
OLYM0007	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/17/80-06/17/80	0	1	
OLYM0008	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	11	88	
OLYM0146	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/12/87-11/09/87	0	4	
OLYM0151	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/11/77-05/11/77	0	1	
OLYM0152	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/11/77-05/11/77	0	1	
OLYM0154	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/11/77-05/11/77	0	1	
OLYM0157	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/11/77-05/11/77	0	1	
OLYM0161	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	0	6	
OLYM0162	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/29/97	3	48	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0164	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/74-05/15/79	4	20	
OLYM0165	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	6	61	
OLYM0176	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	10	105	
OLYM0188	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/28/95-06/28/95	0	1	
OLYM0192	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/95-08/17/95	0	1	
OLYM0202	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/05/95-07/05/95	0	1	
OLYM0212	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/95-08/17/95	0	2	
OLYM0213	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/27/94	0	12	
OLYM0214	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-04/30/80	6	22	
OLYM0221	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0222	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0223	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0224	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0225	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0226	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0227	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0231	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0232	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/27/95-03/18/97	1	3	
OLYM0234	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	0	6	
OLYM0235	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0236	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0237	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/95-10/18/96	1	2	
OLYM0239	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0240	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0241	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0242	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0243	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/95-06/27/95	0	2	
OLYM0244	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-06/04/80	6	24	
OLYM0245	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/29/97	3	48	
OLYM0246	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	0	1	
OLYM0249	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	0	6	
OLYM0250	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0251	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0254	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	0	5	
OLYM0255	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	0	6	
OLYM0257	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/78-12/11/80	2	7	
OLYM0258	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/15/77-11/18/92	15	40	
OLYM0259	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0260	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0265	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/27/94	0	12	
OLYM0266	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0267	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0269	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	0	6	
OLYM0275	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/25/95-10/12/97	2	3	
OLYM0276	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/26/95-10/12/97	2	4	
OLYM0277	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0279	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/27/94	0	12	
OLYM0280	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/14/71-09/17/74	2	17	
OLYM0283	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0285	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/95-10/12/97	2	3	
OLYM0288	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/78-06/01/78	0	1	
OLYM0289	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/29/78-05/22/79	1	3	
OLYM0293	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/29/78-05/22/79	1	3	
OLYM0294	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	0	1	
OLYM0309	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/95-03/19/97	1	2	
OLYM0319	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/95-07/12/95	0	1	
OLYM0327	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/02/77-11/02/77	0	1	
OLYM0329	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/74-08/02/75	0	10	
OLYM0338	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/74-08/02/75	0	9	
OLYM0353	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/74-08/02/75	0	9	
OLYM0354	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0357	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0358	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0359	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0361	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/02/77-11/02/77	0	1	
OLYM0364	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/31/75-10/29/75	0	23	
OLYM0365	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/77-11/03/77	0	1	
OLYM0367	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/09/95-10/11/96	1	2	
OLYM0368	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/02/77-11/02/77	0	1	
OLYM0372	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/02/77-11/02/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0386	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/31/75-10/29/75	0	20	
OLYM0387	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/95-03/17/97	1	2	
OLYM0392	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/31/75-10/29/75	0	17	
OLYM0398	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-06/01/97	1	4	
OLYM0403	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/74-08/02/75	0	9	
OLYM0404	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-01/06/97	1	2	
OLYM0008	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/13/96-04/11/97	1	18	
OLYM0155	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/08/94-04/22/94	0	3	
OLYM0163	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0165	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-04/22/94	14	55	
OLYM0166	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/94-04/21/94	0	2	
OLYM0168	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/21/72-08/27/86	13	52	
OLYM0177	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/10/93-09/10/93	0	1	
OLYM0198	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/94-11/15/94	0	2	
OLYM0244	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/04/80-06/04/80	0	1	
OLYM0258	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-07/20/93	13	64	
OLYM0371	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0376	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0377	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0391	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/93-07/18/94	0	12	
OLYM0003	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/18/60-08/01/61	1	8	
OLYM0008	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/07/79-06/07/79	0	1	
OLYM0165	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/14/64-06/21/79	14	4	
OLYM0176	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/13/67-06/19/79	11	22	
OLYM0213	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/13/67-09/13/67	0	1	
OLYM0214	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/14/79-05/14/79	0	1	
OLYM0217	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/18/60-09/05/61	1	15	
OLYM0244	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/15/64-05/15/79	14	3	
OLYM0246	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/19/60-07/19/60	0	1	
OLYM0258	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/17/79-04/17/79	0	1	
OLYM0263	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/19/60-06/03/65	4	16	
OLYM0289	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/22/79-05/22/79	0	1	
OLYM0293	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/22/79-05/22/79	0	1	
OLYM0003	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/07/72-09/16/74	2	12	
OLYM0004	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/12/73-09/16/74	1	10	
OLYM0008	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/20/73-09/18/80	6	37	
OLYM0153	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/76-09/02/76	0	2	
OLYM0156	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/76-09/02/76	0	2	
OLYM0158	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/76-09/02/76	0	2	
OLYM0159	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/76-03/18/76	0	1	
OLYM0161	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/27/71-09/17/74	2	18	
OLYM0162	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/09/59-06/02/65	5	27	
OLYM0164	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/17/75-09/21/77	2	9	
OLYM0165	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/19/59-07/13/82	22	44	S
OLYM0176	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/77-03/02/83	5	11	
OLYM0213	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/06/59-09/21/59	0	3	
OLYM0214	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/27/59-04/30/80	20	40	
OLYM0228	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/14/64-06/02/65	0	2	
OLYM0229	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/18/60-06/15/64	3	23	
OLYM0234	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/73-09/17/74	1	11	
OLYM0244	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/01/61-05/01/80	18	35	
OLYM0245	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/19/60-09/05/61	1	15	
OLYM0249	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/29/72-09/17/74	1	12	
OLYM0254	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/73-09/17/74	1	10	
OLYM0255	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/29/72-09/17/74	1	12	
OLYM0258	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/15/77-02/15/83	5	6	
OLYM0263	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/02/61-06/16/64	2	8	
OLYM0269	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/73-09/17/74	1	11	
OLYM0280	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/14/71-09/17/74	2	17	
OLYM0289	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/78-05/22/79	1	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0293	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/78-05/22/79	1	3	
OLYM0327	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/19/76-08/25/76	0	2	
OLYM0350	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/21/76-08/25/76	0	2	
OLYM0360	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/76-08/25/76	0	2	
OLYM0361	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/76-08/25/76	0	2	
OLYM0365	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/76-08/25/76	0	2	
OLYM0368	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/21/76-08/25/76	0	2	
OLYM0372	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/76-08/25/76	0	2	
OLYM0399	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/19/76-11/10/76	0	98	
OLYM0401	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/27/76-04/27/76	0	1	
OLYM0006	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/27/85-09/27/85	0	1	
OLYM0183	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/29/85-09/29/85	0	1	
OLYM0189	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/29/85-09/29/85	0	1	
OLYM0002	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/93-09/30/97	3	45	
OLYM0003	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/10/72-09/16/74	2	15	
OLYM0004	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/72-09/16/74	1	11	
OLYM0005	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/93-08/22/94	0	11	
OLYM0008	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	23	105	T,S
OLYM0069	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-09/10/75	2	30	
OLYM0146	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	14	190	A
OLYM0153	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/76-09/02/76	0	2	
OLYM0156	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/76-09/02/76	0	2	
OLYM0158	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/76-09/02/76	0	2	
OLYM0159	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/76-03/18/76	0	1	
OLYM0161	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-09/17/74	2	18	
OLYM0162	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/93-09/29/97	3	47	
OLYM0164	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/74-05/15/79	4	20	
OLYM0165	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	11	91	
OLYM0176	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	15	129	T
OLYM0184	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	0	60	
OLYM0185	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	0	6	
OLYM0187	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	0	6	
OLYM0190	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	0	6	
OLYM0193	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	0	6	
OLYM0196	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	0	60	
OLYM0198	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0210	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	0	6	
OLYM0211	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0213	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/93-08/23/94	0	11	
OLYM0214	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-04/30/80	8	34	
OLYM0215	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	0	6	
OLYM0221	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	0	1	
OLYM0222	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	0	1	
OLYM0223	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	0	1	
OLYM0224	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	0	1	
OLYM0225	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	0	1	
OLYM0226	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	0	1	
OLYM0227	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	0	1	
OLYM0234	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/71-09/17/74	2	17	
OLYM0235	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	0	1	
OLYM0236	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	0	1	
OLYM0239	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0240	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0241	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0242	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0244	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-06/04/80	8	36	
OLYM0245	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/93-09/29/97	3	47	
OLYM0249	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/72-09/17/74	1	12	
OLYM0250	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0251	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0253	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0254	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/72-09/17/74	1	11	
OLYM0255	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/72-09/17/74	1	12	
OLYM0257	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/78-12/11/80	2	7	
OLYM0258	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/15/77-07/20/93	15	79	
OLYM0259	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0260	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0261	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0262	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0263	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-08/08/72	0	6	
OLYM0264	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0265	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/93-08/23/94	0	11	
OLYM0266	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0267	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0269	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/72-09/17/74	1	12	
OLYM0271	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0272	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/71-08/08/72	0	5	
OLYM0273	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0274	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0277	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0278	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0279	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/93-08/23/94	0	11	
OLYM0280	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/71-09/17/74	2	17	
OLYM0281	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0282	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0283	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0284	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0286	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0287	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0289	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/29/78-05/22/79	1	3	
OLYM0290	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0291	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0292	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0293	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/29/78-05/22/79	1	3	
OLYM0294	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	0	1	
OLYM0295	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0296	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0297	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0298	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0299	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0300	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0301	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0302	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0303	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0304	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0305	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0306	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0307	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0308	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0310	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0311	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0312	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0313	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0314	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0315	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/77-10/04/77	0	1	
OLYM0316	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0317	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0318	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0320	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0321	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0322	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0323	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0324	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0326	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0327	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/19/76-08/25/76	0	2	
OLYM0328	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0329	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/21/74-08/02/75	0	10	
OLYM0330	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0332	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0334	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0336	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0337	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0338	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/21/74-08/02/75	0	9	
OLYM0346	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-08/25/76	0	1	
OLYM0348	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0349	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0350	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/76-08/25/76	0	2	
OLYM0353	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/21/74-08/02/75	0	9	
OLYM0360	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/76-08/25/76	0	2	
OLYM0361	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/76-08/25/76	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0364	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/31/75-10/29/75	0	23	
OLYM0365	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/76-08/25/76	0	2	
OLYM0368	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/76-08/25/76	0	2	
OLYM0371	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/93-07/18/94	0	12	
OLYM0372	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/76-08/25/76	0	2	
OLYM0376	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/93-07/18/94	0	12	
OLYM0377	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/93-07/18/94	0	12	
OLYM0386	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/31/75-10/29/75	0	20	
OLYM0391	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/93-07/18/94	0	12	
OLYM0392	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/31/75-10/29/75	0	17	
OLYM0400	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/76-11/10/76	0	98	
OLYM0401	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/76-04/27/76	0	1	
OLYM0403	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/21/74-08/02/75	0	10	
OLYM0008	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/13/96-04/11/97	1	18	
OLYM0165	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/77-09/24/86	8	68	
OLYM0176	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/05/80-05/28/86	5	38	
OLYM0188	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/28/95-06/28/95	0	1	
OLYM0192	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/95-08/17/95	0	1	
OLYM0198	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0202	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/05/95-07/05/95	0	2	
OLYM0209	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0212	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/95-08/17/95	0	1	
OLYM0218	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	11	245	
OLYM0219	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	12	241	A
OLYM0232	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/27/95-03/18/97	1	3	
OLYM0237	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/27/95-10/18/96	1	3	
OLYM0243	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/27/95-06/27/95	0	1	
OLYM0244	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/04/80-06/04/80	0	1	
OLYM0257	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/20/78-08/08/79	1	6	
OLYM0258	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/31/78-07/20/93	15	78	
OLYM0275	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/25/95-10/12/97	2	3	
OLYM0276	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/26/95-10/12/97	2	3	
OLYM0285	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/24/95-10/12/97	2	4	
OLYM0289	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/79-05/22/79	0	1	
OLYM0309	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/11/95-03/19/97	1	4	
OLYM0319	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/12/95-07/12/95	0	1	
OLYM0367	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/95-10/11/96	1	4	
OLYM0387	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/21/95-03/17/97	1	3	
OLYM0398	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/95-06/01/97	1	4	
OLYM0404	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/95-01/06/97	1	2	
OLYM0002	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/93-09/30/97	3	46	
OLYM0003	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/10/72-09/16/74	2	15	
OLYM0004	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/28/72-09/16/74	1	11	
OLYM0005	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/93-09/26/94	0	12	
OLYM0008	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	23	55	S
OLYM0038	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/19/55-05/07/67	12	63	
OLYM0069	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/10/75	2	32	
OLYM0146	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	13	186	A
OLYM0153	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/76-09/02/76	0	2	
OLYM0155	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/08/94-04/22/94	0	3	
OLYM0156	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/76-09/02/76	0	2	
OLYM0158	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/76-09/02/76	0	2	
OLYM0159	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/76-03/18/76	0	1	
OLYM0161	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-09/17/74	2	18	
OLYM0162	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	3	47	
OLYM0163	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/09/93-09/09/93	0	1	
OLYM0164	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/75-09/21/77	2	9	
OLYM0165	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/75-04/22/94	18	52	
OLYM0166	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/94-04/21/94	0	2	
OLYM0168	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/77-08/27/86	9	26	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0177	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/10/93-09/10/93	0	1	
OLYM0188	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/95-06/28/95	0	2	
OLYM0192	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/17/95-08/17/95	0	1	
OLYM0198	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0202	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/05/95-07/05/95	0	1	
OLYM0209	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/94-11/15/94	0	2	
OLYM0212	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/17/95-08/17/95	0	1	
OLYM0213	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/27/94	0	12	
OLYM0214	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-04/30/80	8	34	
OLYM0218	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	11	272	
OLYM0219	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	12	255	A
OLYM0220	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/68-06/10/68	0	10	
OLYM0229	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/60-06/15/64	3	23	
OLYM0230	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/19/53-07/08/54	0	20	
OLYM0232	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/27/95-03/18/97	1	3	
OLYM0234	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/14/71-09/17/74	2	17	
OLYM0237	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/95-10/18/96	1	2	
OLYM0243	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/95-06/27/95	0	2	
OLYM0244	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-05/01/80	8	34	
OLYM0245	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	3	47	
OLYM0249	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/72-09/17/74	1	12	
OLYM0254	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/72-09/17/74	1	11	
OLYM0255	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/72-09/17/74	1	12	
OLYM0258	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/15/77-07/20/93	15	49	
OLYM0263	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-08/08/72	0	6	
OLYM0265	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/27/94	0	12	
OLYM0269	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/72-09/17/74	1	12	
OLYM0272	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/14/71-08/08/72	0	5	
OLYM0275	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/25/95-10/12/97	2	2	
OLYM0276	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/26/95-10/12/97	2	3	
OLYM0279	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/27/94	0	12	
OLYM0280	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/14/71-09/17/74	2	17	
OLYM0285	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/95-10/12/97	2	5	
OLYM0289	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/29/78-05/22/79	1	3	
OLYM0293	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/29/78-05/22/79	1	3	
OLYM0309	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/11/95-03/19/97	1	2	
OLYM0319	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/12/95-07/12/95	0	1	
OLYM0327	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/19/76-08/25/76	0	2	
OLYM0329	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/21/74-08/02/75	0	10	
OLYM0338	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/21/74-08/02/75	0	9	
OLYM0350	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/21/76-08/25/76	0	2	
OLYM0353	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/21/74-08/02/75	0	9	
OLYM0360	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/76-08/25/76	0	2	
OLYM0361	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/76-08/25/76	0	2	
OLYM0364	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/31/75-10/29/75	0	23	
OLYM0365	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/76-08/25/76	0	2	
OLYM0367	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/09/95-10/11/96	1	2	
OLYM0368	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/21/76-08/25/76	0	2	
OLYM0371	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/93-07/18/94	0	12	
OLYM0372	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/76-08/25/76	0	2	
OLYM0376	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/93-07/18/94	0	12	
OLYM0377	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/93-07/18/94	0	12	
OLYM0386	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/31/75-10/29/75	0	20	
OLYM0387	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/21/95-03/17/97	1	3	
OLYM0388	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/21/95-03/17/97	1	2	
OLYM0391	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/93-07/18/94	0	12	
OLYM0392	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/31/75-10/29/75	0	17	
OLYM0398	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/95-06/01/97	1	3	
OLYM0400	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/19/76-11/10/76	0	98	
OLYM0401	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/27/76-04/27/76	0	1	
OLYM0403	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/21/74-08/02/75	0	10	
OLYM0404	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/95-01/06/97	1	2	
OLYM0012	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/76-08/18/76	0	3	
OLYM0096	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/76-08/18/76	0	3	
OLYM0098	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/76-08/18/76	0	3	
OLYM0129	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/76-08/18/76	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0148	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/76-08/18/76	0	3	
OLYM0164	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/25/74-05/15/79	4	9	
OLYM0165	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/14/75-09/09/81	6	31	
OLYM0172	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/17/73-09/22/82	8	20	
OLYM0218	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/12/89-10/31/89	0	8	
OLYM0219	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/04/88-11/28/89	1	54	
OLYM0257	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/78-12/11/80	2	6	
OLYM0258	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/02/78-09/11/81	3	18	
OLYM0006	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/85-09/27/85	0	1	
OLYM0008	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/13/96-04/11/97	1	17	
OLYM0155	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/08/94-04/22/94	0	3	
OLYM0165	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/25/77-04/22/94	16	16	
OLYM0166	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/15/81-08/24/82	1	6	
OLYM0183	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/85-09/29/85	0	1	
OLYM0244	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/04/80-06/04/80	0	1	
OLYM0257	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/18/79-07/18/79	0	1	
OLYM0258	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/31/78-07/09/81	3	12	
OLYM0218	Yes	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	09/12/89-10/31/89	0	8	
OLYM0219	Yes	00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/04/88-11/28/89	1	54	
OLYM0171	Yes	00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	04/23/94-04/23/94	0	1	
OLYM0008	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	03/13/96-03/18/97	1	15	
OLYM0165	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	10/25/77-07/07/81	3	11	
OLYM0176	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/15/81-08/24/82	1	5	
OLYM0244	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	06/04/80-06/04/80	0	1	
OLYM0257	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	07/18/79-07/18/79	0	1	
OLYM0258	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/31/78-07/09/81	3	11	
OLYM0006	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/27/85-09/27/85	0	1	
OLYM0183	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/29/85-09/29/85	0	1	
OLYM0171	Yes	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	04/23/94-04/23/94	0	1	
OLYM0001	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	03/27/80-03/27/80	0	1	
OLYM0150	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/08/78-06/08/78	0	1	
OLYM0176	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/17/73-08/24/82	8	15	
OLYM0026	No	00745	SULFIDE, TOTAL (MG/L AS S)	08/25/75-08/25/75	0	2	
OLYM0066	No	00745	SULFIDE, TOTAL (MG/L AS S)	08/25/75-08/25/75	0	2	
OLYM0068	No	00745	SULFIDE, TOTAL (MG/L AS S)	08/25/75-08/25/75	0	2	
OLYM0129	No	00745	SULFIDE, TOTAL (MG/L AS S)	08/25/75-08/25/75	0	2	
OLYM0009	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-07/15/74	12	47	
OLYM0010	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	18	
OLYM0011	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	12	
OLYM0012	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	27	
OLYM0013	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-10/31/72	2	9	
OLYM0016	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	08/27/74-08/27/74	0	1	
OLYM0017	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-10/31/72	2	9	
OLYM0019	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	28	
OLYM0021	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-10/31/72	2	21	
OLYM0022	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	24	
OLYM0023	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/14/72-06/14/72	0	3	
OLYM0024	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/14/72-06/14/72	0	3	
OLYM0025	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	24	
OLYM0026	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	44	
OLYM0027	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	12/10/63-12/10/63	0	5	
OLYM0028	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/02/72-10/31/72	0	6	
OLYM0029	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	28	
OLYM0030	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	35	
OLYM0031	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	0	4	
OLYM0032	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/14/72-06/14/72	0	3	
OLYM0033	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	0	3	
OLYM0034	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	0	6	
OLYM0035	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/24/73-08/18/76	3	10	
OLYM0037	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-08/30/63	0	25	
OLYM0039	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	0	19	
OLYM0040	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/29/68-09/16/70	2	37	
OLYM0041	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/26/63-07/27/63	0	6	
OLYM0042	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	0	31	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0043	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-12/10/63	0	28	
OLYM0044	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	12	
OLYM0045	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	18	
OLYM0046	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	0	59	
OLYM0047	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	21	
OLYM0048	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	15	
OLYM0049	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	14	84	
OLYM0050	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	0	54	
OLYM0051	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/14/72-06/14/72	0	3	
OLYM0052	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	2	46	
OLYM0054	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-08/30/63	0	9	
OLYM0055	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/11/62-09/11/62	0	2	
OLYM0056	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/08/63-10/29/63	0	9	
OLYM0057	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	14	31	
OLYM0058	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/10/62-09/11/62	0	9	
OLYM0059	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	14	51	
OLYM0060	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/30/72-11/05/72	0	7	
OLYM0061	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/10/62-09/11/62	0	8	
OLYM0062	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/10/62-09/10/62	0	2	
OLYM0063	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-01/09/64	1	39	
OLYM0064	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/14/72-06/14/72	0	3	
OLYM0065	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	9	
OLYM0066	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	24	
OLYM0067	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	0	4	
OLYM0068	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	14	51	
OLYM0069	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	7	79	
OLYM0070	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	0	5	
OLYM0071	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/29/63-10/29/63	0	6	
OLYM0072	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	08/30/63-08/30/63	0	6	
OLYM0074	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	0	11	
OLYM0075	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-12/10/63	0	33	
OLYM0076	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	0	68	
OLYM0077	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	18	
OLYM0078	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	21	
OLYM0079	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	12	
OLYM0080	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-08/30/63	0	7	
OLYM0081	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-01/09/64	0	13	
OLYM0082	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	9	
OLYM0083	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-01/09/64	0	22	
OLYM0084	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/29/63-10/29/63	0	3	
OLYM0085	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-10/29/63	0	34	
OLYM0086	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/08/63-06/26/63	0	9	
OLYM0087	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/08/63-09/08/63	0	3	
OLYM0088	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-07/27/63	0	5	
OLYM0089	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-08/30/63	0	11	
OLYM0090	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-07/27/63	0	3	
OLYM0091	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	0	5	
OLYM0092	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-08/30/63	0	10	
OLYM0093	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	14	63	
OLYM0094	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	0	6	
OLYM0095	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	2	46	
OLYM0096	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	52	
OLYM0097	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	0	19	
OLYM0098	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	4	43	
OLYM0099	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-01/09/64	1	20	
OLYM0100	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-04/18/63	0	12	
OLYM0101	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-08/30/63	0	10	
OLYM0102	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-12/10/63	0	10	
OLYM0103	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	0	19	
OLYM0104	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	12/10/63-12/10/63	0	7	
OLYM0105	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	2	45	
OLYM0106	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	15	
OLYM0107	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	18	
OLYM0108	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	12	
OLYM0109	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-12/10/63	0	16	
OLYM0110	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-10/29/63	0	23	
OLYM0111	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/29/63-10/29/63	0	5	
OLYM0112	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-07/27/63	0	5	
OLYM0113	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/08/63-03/08/63	0	5	
OLYM0114	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-07/27/63	0	19	
OLYM0115	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/08/63-03/08/63	0	6	
OLYM0116	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	15	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0117	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	18	
OLYM0118	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	12	
OLYM0119	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-02/03/63	0	4	
OLYM0120	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-02/03/63	0	5	
OLYM0121	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	0	4	
OLYM0122	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-01/09/64	0	46	
OLYM0123	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-10/29/63	1	19	
OLYM0124	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/26/63-01/09/64	0	20	
OLYM0125	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-01/09/64	0	16	
OLYM0126	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/08/63-12/10/63	0	19	
OLYM0127	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-04/18/63	0	9	
OLYM0128	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/08/63-08/30/63	0	11	
OLYM0129	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	14	64	
OLYM0130	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/26/63-06/26/63	0	6	
OLYM0131	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-02/03/63	0	4	
OLYM0138	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-01/09/64	0	24	
OLYM0139	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	12	
OLYM0140	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-08/30/63	0	15	
OLYM0141	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/29/63-10/29/63	0	4	
OLYM0142	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	08/27/74-08/27/74	0	4	
OLYM0143	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-01/09/64	0	41	
OLYM0144	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	2	48	
OLYM0145	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	2	12	
OLYM0146	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	17	222	T,A
OLYM0147	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	14	27	
OLYM0148	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	08/25/75-08/18/76	0	7	
OLYM0160	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	14	9	
OLYM0178	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	14	37	
OLYM0252	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	2	46	
OLYM0331	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	2	39	
OLYM0344	No	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	2	41	
OLYM0001	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/28/80-03/28/80	0	1	
OLYM0003	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/60-09/24/73	13	17	
OLYM0004	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/28/72-09/24/73	0	5	
OLYM0015	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/80-03/27/80	0	1	
OLYM0151	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0152	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0153	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	0	2	
OLYM0154	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0156	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	0	2	
OLYM0157	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0158	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	0	2	
OLYM0159	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/76-03/18/76	0	1	
OLYM0161	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/27/71-09/25/73	1	12	
OLYM0162	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/09/59-11/12/68	9	30	
OLYM0164	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/74-05/15/79	4	20	
OLYM0165	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	26	100	T,S
OLYM0176	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	20	152	T
OLYM0191	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/30/54-10/04/67	12	2	
OLYM0205	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/66-10/04/66	0	1	
OLYM0206	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/67-10/04/67	0	1	
OLYM0207	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/67-01/27/68	0	3	
OLYM0208	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/67-10/04/67	0	1	
OLYM0213	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/59-09/13/67	8	8	
OLYM0214	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/47-04/30/80	32	51	S
OLYM0216	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/60-09/05/61	1	15	
OLYM0221	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	0	1	
OLYM0229	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	9	33	
OLYM0234	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/14/71-09/25/73	1	11	
OLYM0235	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	0	1	
OLYM0238	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/12/68-06/25/68	0	2	
OLYM0244	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	18	48	
OLYM0245	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/60-09/05/61	1	15	
OLYM0246	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/60-09/19/78	18	2	
OLYM0247	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/12/68-06/25/68	0	2	
OLYM0249	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0250	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0254	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0255	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0257	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/20/78-12/11/80	2	7	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0258	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/15/77-11/13/85	7	40	
OLYM0263	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/60-08/08/72	12	38	
OLYM0266	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0269	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0272	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/12/68-08/08/72	4	7	
OLYM0277	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0280	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/27/71-09/25/73	1	12	
OLYM0288	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/01/78-06/01/78	0	1	
OLYM0289	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/78-05/22/79	1	4	
OLYM0293	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/78-05/22/79	1	4	
OLYM0294	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0299	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
OLYM0314	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/25/76-08/25/76	0	1	
OLYM0327	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
OLYM0350	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/76-08/25/76	0	2	
OLYM0360	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/76-08/25/76	0	2	
OLYM0361	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/76-11/02/77	1	3	
OLYM0362	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/67-09/15/67	0	1	
OLYM0365	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/76-11/03/77	1	3	
OLYM0368	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/76-11/02/77	1	3	
OLYM0372	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/76-11/02/77	1	3	
OLYM0393	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/89-08/22/89	0	1	
OLYM0395	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/89-08/22/89	0	1	
OLYM0397	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/89-08/22/89	0	2	
OLYM0399	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/76-11/10/76	0	8	
OLYM0003	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/60-09/24/73	13	17	
OLYM0004	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/28/72-09/24/73	0	5	
OLYM0151	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0152	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0153	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/76-09/02/76	0	2	
OLYM0154	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0156	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/76-09/02/76	0	2	
OLYM0157	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/77-05/11/77	0	1	
OLYM0158	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/76-09/02/76	0	2	
OLYM0159	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/76-03/18/76	0	1	
OLYM0161	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/71-09/25/73	1	12	
OLYM0162	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/09/59-11/12/68	9	30	
OLYM0164	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/25/74-03/10/81	6	24	
OLYM0165	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/59-11/22/85	26	80	T,S
OLYM0175	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/08/80-03/12/81	0	6	
OLYM0176	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	20	126	T
OLYM0191	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/22/67-01/27/68	0	2	
OLYM0213	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/06/59-09/13/67	8	8	
OLYM0214	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/47-04/30/80	32	51	S
OLYM0216	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/60-09/05/61	1	15	
OLYM0221	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/78-09/19/78	0	1	
OLYM0229	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/60-06/09/70	9	33	
OLYM0234	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/14/71-09/25/73	1	11	
OLYM0235	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/78-09/19/78	0	1	
OLYM0238	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/12/68-06/25/68	0	2	
OLYM0244	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/01/61-06/04/80	18	48	
OLYM0245	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/19/60-09/05/61	1	15	
OLYM0246	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/19/60-09/19/78	18	2	
OLYM0247	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/12/68-06/25/68	0	2	
OLYM0249	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0250	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0254	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0255	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0257	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/20/78-01/14/81	2	9	
OLYM0258	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/15/77-11/13/85	7	26	
OLYM0263	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/19/60-08/08/72	12	38	
OLYM0266	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0269	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/29/72-09/25/73	0	6	
OLYM0272	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/12/68-08/08/72	4	7	
OLYM0277	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/78-09/20/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0280	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/71-09/25/73	1	12	
OLYM0288	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/01/78-06/01/78	0	1	
OLYM0289	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/29/78-05/22/79	1	4	
OLYM0293	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/29/78-05/22/79	1	4	
OLYM0294	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/78-09/20/78	0	1	
OLYM0299	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
OLYM0314	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/25/76-08/25/76	0	1	
OLYM0327	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/24/76-08/24/76	0	1	
OLYM0350	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/76-08/25/76	0	2	
OLYM0360	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/76-08/25/76	0	2	
OLYM0361	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/76-11/02/77	1	3	
OLYM0362	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/15/67-09/15/67	0	1	
OLYM0365	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/76-11/03/77	1	3	
OLYM0368	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/76-11/02/77	1	3	
OLYM0372	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/76-11/02/77	1	3	
OLYM0399	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/19/76-11/10/76	0	8	
OLYM0258	No	00904	HARDNESS,NONCARBONATE,WTR,DISS,AS CACO3,FIELD,MG/L	12/06/90-12/06/90	0	1	
OLYM0006	No	00910	CALCIUM (MG/L AS CACO3)	09/27/85-09/27/85	0	1	
OLYM0183	Yes	00910	CALCIUM (MG/L AS CACO3)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00910	CALCIUM (MG/L AS CACO3)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	00910	CALCIUM (MG/L AS CACO3)	09/29/85-09/29/85	0	1	
OLYM0003	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/60-09/24/73	13	17	
OLYM0004	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/28/72-09/24/73	0	5	
OLYM0008	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/13/96-04/11/97	1	17	
OLYM0151	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/77-05/11/77	0	1	
OLYM0152	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/77-05/11/77	0	1	
OLYM0153	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/76-09/02/76	0	2	
OLYM0154	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/77-05/11/77	0	1	
OLYM0155	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/08/94-04/22/94	0	3	
OLYM0156	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/76-09/02/76	0	2	
OLYM0157	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/77-05/11/77	0	1	
OLYM0158	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/76-09/02/76	0	2	
OLYM0159	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/76-03/18/76	0	1	
OLYM0161	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/71-09/25/73	1	12	
OLYM0162	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/59-08/15/66	7	29	
OLYM0163	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/93-09/09/93	0	1	
OLYM0164	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/74-05/15/79	4	20	
OLYM0165	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	34	125	T,S
OLYM0166	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/17/94-04/21/94	0	2	
OLYM0168	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	20	165	T
OLYM0177	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/93-09/10/93	0	1	
OLYM0188	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/95-06/28/95	0	1	
OLYM0191	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/67-09/20/67	0	1	
OLYM0192	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/95-08/17/95	0	1	
OLYM0198	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/94-11/15/94	0	2	
OLYM0202	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/05/95-07/05/95	0	1	
OLYM0204	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/22/67-01/27/68	0	2	
OLYM0209	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/94-11/15/94	0	2	
OLYM0212	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/95-08/17/95	0	1	
OLYM0213	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/59-09/13/67	8	8	
OLYM0214	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/47-04/30/80	32	51	S
OLYM0216	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/60-09/05/61	1	15	
OLYM0218	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	11	270	A
OLYM0219	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	12	264	A
OLYM0221	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/78-09/19/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0229	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/60-06/09/70	9	33	
OLYM0232	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/95-03/18/97	1	4	
OLYM0234	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/14/71-09/25/73	1	11	
OLYM0235	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/78-09/19/78	0	1	
OLYM0237	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/95-10/18/96	1	2	
OLYM0238	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/12/68-06/25/68	0	2	
OLYM0243	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/95-06/27/95	0	1	
OLYM0244	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/61-06/04/80	18	48	
OLYM0245	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/60-09/05/61	1	15	
OLYM0246	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/60-09/19/78	18	2	
OLYM0247	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/12/68-06/25/68	0	2	
OLYM0249	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/29/72-09/25/73	0	6	
OLYM0250	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/78-09/20/78	0	1	
OLYM0254	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/29/72-09/25/73	0	6	
OLYM0255	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/29/72-09/25/73	0	6	
OLYM0257	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/78-12/11/80	2	7	
OLYM0258	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/15/77-07/20/93	15	79	
OLYM0263	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/60-08/08/72	12	38	
OLYM0266	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/78-09/20/78	0	1	
OLYM0269	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/29/72-09/25/73	0	6	
OLYM0272	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/12/68-08/08/72	4	7	
OLYM0275	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/25/95-10/12/97	2	2	
OLYM0276	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/26/95-10/12/97	2	3	
OLYM0277	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/78-09/20/78	0	1	
OLYM0280	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/71-09/25/73	1	12	
OLYM0285	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/95-10/12/97	2	3	
OLYM0288	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/01/78-06/01/78	0	1	
OLYM0289	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/78-05/22/79	1	4	
OLYM0293	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/78-05/22/79	1	4	
OLYM0294	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/78-09/20/78	0	1	
OLYM0299	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/76-08/24/76	0	1	
OLYM0309	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/95-03/19/97	1	2	
OLYM0314	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/76-08/25/76	0	1	
OLYM0319	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/95-07/12/95	0	1	
OLYM0327	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/76-08/24/76	0	1	
OLYM0350	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/76-08/25/76	0	2	
OLYM0360	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/76-08/25/76	0	2	
OLYM0361	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/76-11/02/77	1	3	
OLYM0362	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/67-09/15/67	0	1	
OLYM0365	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/76-11/03/77	1	3	
OLYM0367	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/95-10/11/96	1	2	
OLYM0368	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/76-11/02/77	1	3	
OLYM0372	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/76-11/02/77	1	3	
OLYM0387	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/21/95-03/17/97	1	2	
OLYM0398	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/95-06/01/97	1	4	
OLYM0399	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/19/76-11/10/76	0	8	
OLYM0404	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/95-01/06/97	1	2	
OLYM0003	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/60-09/24/73	13	17	
OLYM0004	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/28/72-09/24/73	0	5	
OLYM0006	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/27/85-09/27/85	0	1	
OLYM0008	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/13/96-04/11/97	1	17	
OLYM0151	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/77-05/11/77	0	1	
OLYM0152	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/77-05/11/77	0	1	
OLYM0153	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/76-09/02/76	0	2	
OLYM0154	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/77-05/11/77	0	1	
OLYM0155	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/08/94-04/22/94	0	3	
OLYM0156	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/76-09/02/76	0	2	
OLYM0157	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/77-05/11/77	0	1	
OLYM0158	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/76-09/02/76	0	2	
OLYM0159	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/76-03/18/76	0	1	
OLYM0161	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/71-09/25/73	1	12	
OLYM0162	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/59-08/15/66	7	29	
OLYM0163	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/93-09/09/93	0	1	
OLYM0164	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/74-05/15/79	4	20	
OLYM0165	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	34	125	T,S
OLYM0166	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/94-04/21/94	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0167	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/17/94-04/21/94	0	2	
OLYM0168	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	20	165	T
OLYM0177	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/93-09/10/93	0	1	
OLYM0183	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/85-09/29/85	0	1	
OLYM0188	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/95-06/28/95	0	1	
OLYM0189	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/85-09/29/85	0	1	
OLYM0191	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/67-09/20/67	0	1	
OLYM0192	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/95-08/17/95	0	1	
OLYM0198	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/94-11/15/94	0	2	
OLYM0202	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/05/95-07/05/95	0	1	
OLYM0204	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/22/67-01/27/68	0	2	
OLYM0209	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/94-11/15/94	0	2	
OLYM0212	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/95-08/17/95	0	1	
OLYM0213	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/59-09/13/67	8	8	
OLYM0214	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/47-04/30/80	32	51	S
OLYM0216	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/60-09/05/61	1	15	
OLYM0218	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	11	270	A
OLYM0219	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	12	264	A
OLYM0221	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/78-09/19/78	0	1	
OLYM0229	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/60-06/09/70	9	33	
OLYM0232	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/95-03/18/97	1	4	
OLYM0234	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/14/71-09/25/73	1	11	
OLYM0235	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/78-09/19/78	0	1	
OLYM0237	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/95-10/18/96	1	2	
OLYM0238	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/12/68-06/25/68	0	2	
OLYM0243	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/95-06/27/95	0	1	
OLYM0244	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/61-06/04/80	18	48	
OLYM0245	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/60-09/05/61	1	15	
OLYM0246	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/60-09/19/78	18	2	
OLYM0247	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/12/68-06/25/68	0	2	
OLYM0249	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/72-09/25/73	0	6	
OLYM0250	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/78-09/20/78	0	1	
OLYM0254	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/72-09/25/73	0	6	
OLYM0255	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/72-09/25/73	0	6	
OLYM0257	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/78-12/11/80	2	7	
OLYM0258	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/15/77-07/20/93	15	79	
OLYM0263	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/60-08/08/72	12	38	
OLYM0266	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/78-09/20/78	0	1	
OLYM0269	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/72-09/25/73	0	6	
OLYM0272	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/12/68-08/08/72	4	7	
OLYM0275	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/25/95-10/12/97	2	2	
OLYM0276	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/26/95-10/12/97	2	3	
OLYM0277	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/78-09/20/78	0	1	
OLYM0280	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/71-09/25/73	1	12	
OLYM0285	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/95-10/12/97	2	3	
OLYM0288	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/01/78-06/01/78	0	1	
OLYM0289	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/29/78-05/22/79	1	4	
OLYM0293	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/29/78-05/22/79	1	4	
OLYM0294	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/78-09/20/78	0	1	
OLYM0299	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/76-08/24/76	0	1	
OLYM0309	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/95-03/19/97	1	2	
OLYM0314	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/76-08/25/76	0	1	
OLYM0319	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/95-07/12/95	0	1	
OLYM0327	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/76-08/24/76	0	1	
OLYM0350	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/76-08/25/76	0	2	
OLYM0360	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/76-08/25/76	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0361	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/76-11/02/77	1	3	
OLYM0362	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/67-09/15/67	0	1	
OLYM0365	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/76-11/03/77	1	3	
OLYM0367	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/95-10/11/96	1	2	
OLYM0368	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/76-11/02/77	1	3	
OLYM0372	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/76-11/02/77	1	3	
OLYM0387	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/21/95-03/17/97	1	2	
OLYM0398	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/95-06/01/97	1	4	
OLYM0399	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/19/76-11/10/76	0	8	
OLYM0404	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/95-01/06/97	1	2	
OLYM0003	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/60-09/24/73	13	17	
OLYM0004	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/28/72-09/24/73	0	5	
OLYM0006	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/27/85-09/27/85	0	1	
OLYM0008	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/13/96-04/11/97	1	17	
OLYM0151	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/77-05/11/77	0	1	
OLYM0152	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/77-05/11/77	0	1	
OLYM0153	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/76-09/02/76	0	2	
OLYM0154	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/77-05/11/77	0	1	
OLYM0155	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/08/94-04/22/94	0	3	
OLYM0156	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/76-09/02/76	0	2	
OLYM0157	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/77-05/11/77	0	1	
OLYM0158	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/76-09/02/76	0	2	
OLYM0159	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/76-03/18/76	0	1	
OLYM0161	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/71-09/25/73	1	12	
OLYM0162	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/59-08/15/66	7	29	
OLYM0163	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/93-09/09/93	0	1	
OLYM0164	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/74-05/15/79	4	20	
OLYM0165	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	34	125	T,S
OLYM0166	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/17/94-04/21/94	0	2	
OLYM0168	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	20	165	T
OLYM0177	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/93-09/10/93	0	1	
OLYM0183	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/85-09/29/85	0	1	
OLYM0188	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/95-06/28/95	0	1	
OLYM0189	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/85-09/29/85	0	1	
OLYM0191	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/67-09/20/67	0	1	
OLYM0192	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/95-08/17/95	0	1	
OLYM0198	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/94-11/15/94	0	2	
OLYM0202	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/05/95-07/05/95	0	1	
OLYM0204	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/27/68-01/27/68	0	1	
OLYM0209	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/94-11/15/94	0	2	
OLYM0212	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/95-08/17/95	0	1	
OLYM0213	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/59-09/13/67	8	8	
OLYM0214	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/59-04/30/80	20	49	
OLYM0216	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/60-09/05/61	1	15	
OLYM0218	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	11	269	A
OLYM0219	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	12	263	A
OLYM0221	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/78-09/19/78	0	1	
OLYM0229	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/60-06/09/70	9	33	
OLYM0232	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/95-03/18/97	1	4	
OLYM0234	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/14/71-09/25/73	1	11	
OLYM0235	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/78-09/19/78	0	1	
OLYM0237	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/95-10/18/96	1	2	
OLYM0238	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/12/68-06/25/68	0	2	
OLYM0243	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/95-06/27/95	0	1	
OLYM0244	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/61-06/04/80	18	48	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0245	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/60-09/05/61	1	15	
OLYM0246	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/60-09/19/78	18	2	
OLYM0247	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/12/68-06/25/68	0	2	
OLYM0249	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/29/72-09/25/73	0	6	
OLYM0250	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/78-09/20/78	0	1	
OLYM0254	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/29/72-09/25/73	0	6	
OLYM0255	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/29/72-09/25/73	0	6	
OLYM0257	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/78-12/11/80	2	7	
OLYM0258	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/15/77-07/20/93	15	79	
OLYM0263	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/60-08/08/72	12	38	
OLYM0266	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/78-09/20/78	0	1	
OLYM0269	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/29/72-09/25/73	0	6	
OLYM0272	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/12/68-08/08/72	4	7	
OLYM0275	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/25/95-10/12/97	2	2	
OLYM0276	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/26/95-10/12/97	2	3	
OLYM0277	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/78-09/20/78	0	1	
OLYM0280	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/71-09/25/73	1	12	
OLYM0285	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/95-10/12/97	2	3	
OLYM0288	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/01/78-06/01/78	0	1	
OLYM0289	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/78-05/22/79	1	4	
OLYM0293	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/78-05/22/79	1	4	
OLYM0294	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/78-09/20/78	0	1	
OLYM0299	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/76-08/24/76	0	1	
OLYM0309	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/95-03/19/97	1	2	
OLYM0314	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/76-08/25/76	0	1	
OLYM0319	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/95-07/12/95	0	1	
OLYM0327	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/76-08/24/76	0	1	
OLYM0350	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/76-08/25/76	0	2	
OLYM0360	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/76-08/25/76	0	2	
OLYM0361	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/76-11/02/77	1	3	
OLYM0362	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/67-09/15/67	0	1	
OLYM0365	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/76-11/03/77	1	3	
OLYM0367	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/95-10/11/96	1	2	
OLYM0368	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/76-11/02/77	1	3	
OLYM0372	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/76-11/02/77	1	3	
OLYM0387	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/21/95-03/17/97	1	2	
OLYM0398	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/95-06/01/97	1	4	
OLYM0399	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/19/76-11/10/76	0	8	
OLYM0404	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/95-01/06/97	1	2	
OLYM0003	No	00931	SODIUM ADSORPTION RATIO	04/10/72-09/24/73	1	9	
OLYM0004	No	00931	SODIUM ADSORPTION RATIO	11/28/72-09/24/73	0	5	
OLYM0151	No	00931	SODIUM ADSORPTION RATIO	05/11/77-05/11/77	0	1	
OLYM0152	No	00931	SODIUM ADSORPTION RATIO	05/11/77-05/11/77	0	1	
OLYM0153	No	00931	SODIUM ADSORPTION RATIO	03/18/76-09/02/76	0	2	
OLYM0154	No	00931	SODIUM ADSORPTION RATIO	05/11/77-05/11/77	0	1	
OLYM0156	No	00931	SODIUM ADSORPTION RATIO	03/18/76-09/02/76	0	2	
OLYM0157	No	00931	SODIUM ADSORPTION RATIO	05/11/77-05/11/77	0	1	
OLYM0158	No	00931	SODIUM ADSORPTION RATIO	03/18/76-09/02/76	0	2	
OLYM0159	No	00931	SODIUM ADSORPTION RATIO	03/18/76-03/18/76	0	1	
OLYM0161	No	00931	SODIUM ADSORPTION RATIO	10/27/71-09/25/73	1	12	
OLYM0165	No	00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	26	98	T,S
OLYM0176	Yes	00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	19	148	T
OLYM0191	Yes	00931	SODIUM ADSORPTION RATIO	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00931	SODIUM ADSORPTION RATIO	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00931	SODIUM ADSORPTION RATIO	01/27/68-01/27/68	0	1	
OLYM0213	No	00931	SODIUM ADSORPTION RATIO	07/29/66-07/29/66	0	1	
OLYM0214	No	00931	SODIUM ADSORPTION RATIO	10/27/59-04/30/80	20	46	
OLYM0216	Yes	00931	SODIUM ADSORPTION RATIO	09/20/67-09/20/67	0	1	
OLYM0221	No	00931	SODIUM ADSORPTION RATIO	09/19/78-09/19/78	0	1	
OLYM0229	No	00931	SODIUM ADSORPTION RATIO	07/18/60-06/09/70	9	33	
OLYM0234	No	00931	SODIUM ADSORPTION RATIO	12/14/71-09/25/73	1	11	
OLYM0235	No	00931	SODIUM ADSORPTION RATIO	09/19/78-09/19/78	0	1	
OLYM0238	No	00931	SODIUM ADSORPTION RATIO	02/12/68-06/25/68	0	2	
OLYM0244	No	00931	SODIUM ADSORPTION RATIO	11/01/61-06/04/80	18	43	
OLYM0246	No	00931	SODIUM ADSORPTION RATIO	09/19/78-09/19/78	0	1	
OLYM0247	No	00931	SODIUM ADSORPTION RATIO	02/12/68-06/25/68	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0249	No	00931	SODIUM ADSORPTION RATIO	11/29/72-09/25/73	0	6	
OLYM0250	No	00931	SODIUM ADSORPTION RATIO	09/20/78-09/20/78	0	1	
OLYM0254	No	00931	SODIUM ADSORPTION RATIO	11/29/72-09/25/73	0	6	
OLYM0255	No	00931	SODIUM ADSORPTION RATIO	11/29/72-09/25/73	0	6	
OLYM0257	No	00931	SODIUM ADSORPTION RATIO	06/20/78-08/08/79	1	6	
OLYM0258	No	00931	SODIUM ADSORPTION RATIO	11/15/77-11/13/85	7	40	
OLYM0263	No	00931	SODIUM ADSORPTION RATIO	11/02/61-08/08/72	10	19	
OLYM0266	No	00931	SODIUM ADSORPTION RATIO	09/20/78-09/20/78	0	1	
OLYM0269	No	00931	SODIUM ADSORPTION RATIO	11/29/72-09/25/73	0	6	
OLYM0272	No	00931	SODIUM ADSORPTION RATIO	02/12/68-08/08/72	4	7	
OLYM0277	No	00931	SODIUM ADSORPTION RATIO	09/20/78-09/20/78	0	1	
OLYM0280	No	00931	SODIUM ADSORPTION RATIO	10/27/71-09/25/73	1	12	
OLYM0288	No	00931	SODIUM ADSORPTION RATIO	06/01/78-06/01/78	0	1	
OLYM0289	No	00931	SODIUM ADSORPTION RATIO	03/29/78-05/22/79	1	4	
OLYM0293	No	00931	SODIUM ADSORPTION RATIO	03/29/78-05/22/79	1	4	
OLYM0294	No	00931	SODIUM ADSORPTION RATIO	09/20/78-09/20/78	0	1	
OLYM0299	No	00931	SODIUM ADSORPTION RATIO	08/24/76-08/24/76	0	1	
OLYM0314	No	00931	SODIUM ADSORPTION RATIO	08/25/76-08/25/76	0	1	
OLYM0327	No	00931	SODIUM ADSORPTION RATIO	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00931	SODIUM ADSORPTION RATIO	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00931	SODIUM ADSORPTION RATIO	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00931	SODIUM ADSORPTION RATIO	08/24/76-08/24/76	0	1	
OLYM0350	No	00931	SODIUM ADSORPTION RATIO	04/21/76-08/25/76	0	2	
OLYM0360	No	00931	SODIUM ADSORPTION RATIO	04/20/76-08/25/76	0	2	
OLYM0361	No	00931	SODIUM ADSORPTION RATIO	04/20/76-11/02/77	1	3	
OLYM0362	No	00931	SODIUM ADSORPTION RATIO	09/15/67-09/15/67	0	1	
OLYM0365	No	00931	SODIUM ADSORPTION RATIO	04/20/76-11/03/77	1	3	
OLYM0368	No	00931	SODIUM ADSORPTION RATIO	04/21/76-11/02/77	1	3	
OLYM0372	No	00931	SODIUM ADSORPTION RATIO	04/20/76-11/02/77	1	3	
OLYM0400	Yes	00931	SODIUM ADSORPTION RATIO	02/19/76-11/10/76	0	8	
OLYM0003	No	00932	SODIUM, PERCENT	04/10/72-09/24/73	1	9	
OLYM0004	No	00932	SODIUM, PERCENT	11/28/72-09/24/73	0	5	
OLYM0151	No	00932	SODIUM, PERCENT	05/11/77-05/11/77	0	1	
OLYM0152	No	00932	SODIUM, PERCENT	05/11/77-05/11/77	0	1	
OLYM0153	No	00932	SODIUM, PERCENT	03/18/76-09/02/76	0	2	
OLYM0154	No	00932	SODIUM, PERCENT	05/11/77-05/11/77	0	1	
OLYM0156	No	00932	SODIUM, PERCENT	03/18/76-09/02/76	0	2	
OLYM0157	No	00932	SODIUM, PERCENT	05/11/77-05/11/77	0	1	
OLYM0158	No	00932	SODIUM, PERCENT	03/18/76-09/02/76	0	2	
OLYM0159	No	00932	SODIUM, PERCENT	03/18/76-03/18/76	0	1	
OLYM0161	No	00932	SODIUM, PERCENT	10/27/71-09/25/73	1	12	
OLYM0165	No	00932	SODIUM, PERCENT	10/19/59-11/22/85	26	98	T,S
OLYM0176	Yes	00932	SODIUM, PERCENT	07/29/66-11/14/85	19	147	T
OLYM0191	Yes	00932	SODIUM, PERCENT	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00932	SODIUM, PERCENT	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00932	SODIUM, PERCENT	01/27/68-01/27/68	0	1	
OLYM0213	No	00932	SODIUM, PERCENT	07/29/66-07/29/66	0	1	
OLYM0214	No	00932	SODIUM, PERCENT	09/13/47-04/30/80	32	48	S
OLYM0216	Yes	00932	SODIUM, PERCENT	09/20/67-09/20/67	0	1	
OLYM0221	No	00932	SODIUM, PERCENT	09/19/78-09/19/78	0	1	
OLYM0229	No	00932	SODIUM, PERCENT	07/18/60-06/09/70	9	33	
OLYM0234	No	00932	SODIUM, PERCENT	12/14/71-09/25/73	1	11	
OLYM0235	No	00932	SODIUM, PERCENT	09/19/78-09/19/78	0	1	
OLYM0238	No	00932	SODIUM, PERCENT	02/12/68-06/25/68	0	2	
OLYM0244	No	00932	SODIUM, PERCENT	11/01/61-06/04/80	18	43	
OLYM0246	No	00932	SODIUM, PERCENT	09/19/78-09/19/78	0	1	
OLYM0247	No	00932	SODIUM, PERCENT	02/12/68-06/25/68	0	2	
OLYM0249	No	00932	SODIUM, PERCENT	11/29/72-09/25/73	0	6	
OLYM0250	No	00932	SODIUM, PERCENT	09/20/78-09/20/78	0	1	
OLYM0254	No	00932	SODIUM, PERCENT	11/29/72-09/25/73	0	6	
OLYM0255	No	00932	SODIUM, PERCENT	11/29/72-09/25/73	0	6	
OLYM0257	No	00932	SODIUM, PERCENT	06/20/78-08/08/79	1	6	
OLYM0258	No	00932	SODIUM, PERCENT	11/15/77-11/13/85	7	40	
OLYM0263	No	00932	SODIUM, PERCENT	11/02/61-08/08/72	10	19	
OLYM0266	No	00932	SODIUM, PERCENT	09/20/78-09/20/78	0	1	
OLYM0269	No	00932	SODIUM, PERCENT	11/29/72-09/25/73	0	6	
OLYM0272	No	00932	SODIUM, PERCENT	02/12/68-08/08/72	4	7	
OLYM0277	No	00932	SODIUM, PERCENT	09/20/78-09/20/78	0	1	
OLYM0280	No	00932	SODIUM, PERCENT	10/27/71-09/25/73	1	12	
OLYM0288	No	00932	SODIUM, PERCENT	06/01/78-06/01/78	0	1	
OLYM0289	No	00932	SODIUM, PERCENT	03/29/78-05/22/79	1	4	
OLYM0293	No	00932	SODIUM, PERCENT	03/29/78-05/22/79	1	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0294	No	00932	SODIUM, PERCENT	09/20/78-09/20/78	0	1	
OLYM0299	No	00932	SODIUM, PERCENT	08/24/76-08/24/76	0	1	
OLYM0314	No	00932	SODIUM, PERCENT	08/25/76-08/25/76	0	1	
OLYM0327	No	00932	SODIUM, PERCENT	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00932	SODIUM, PERCENT	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00932	SODIUM, PERCENT	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00932	SODIUM, PERCENT	08/24/76-08/24/76	0	1	
OLYM0350	No	00932	SODIUM, PERCENT	04/21/76-08/25/76	0	2	
OLYM0360	No	00932	SODIUM, PERCENT	04/20/76-08/25/76	0	2	
OLYM0361	No	00932	SODIUM, PERCENT	04/20/76-11/02/77	1	3	
OLYM0362	No	00932	SODIUM, PERCENT	09/15/67-09/15/67	0	1	
OLYM0365	No	00932	SODIUM, PERCENT	04/20/76-11/03/77	1	3	
OLYM0368	No	00932	SODIUM, PERCENT	04/21/76-11/02/77	1	3	
OLYM0372	No	00932	SODIUM, PERCENT	04/20/76-11/02/77	1	3	
OLYM0400	Yes	00932	SODIUM, PERCENT	02/19/76-11/10/76	0	8	
OLYM0165	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/18/79-02/13/80	0	10	
OLYM0176	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/17/79-02/13/80	0	11	
OLYM0214	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/13/47-01/15/80	32	6	
OLYM0244	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/18/79-01/16/80	0	4	
OLYM0258	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/12/79-02/11/80	0	6	
OLYM0289	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	05/22/79-05/22/79	0	1	
OLYM0293	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	05/22/79-05/22/79	0	1	
OLYM0003	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/60-09/24/73	13	17	
OLYM0004	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/28/72-09/24/73	0	5	
OLYM0006	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/27/85-09/27/85	0	1	
OLYM0008	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/13/96-04/11/97	1	17	
OLYM0151	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/77-05/11/77	0	1	
OLYM0152	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/77-05/11/77	0	1	
OLYM0153	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/76-09/02/76	0	2	
OLYM0154	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/77-05/11/77	0	1	
OLYM0155	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/08/94-04/22/94	0	3	
OLYM0156	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/76-09/02/76	0	2	
OLYM0157	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/77-05/11/77	0	1	
OLYM0158	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/76-09/02/76	0	2	
OLYM0159	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/76-03/18/76	0	1	
OLYM0161	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/71-09/25/73	1	12	
OLYM0162	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/59-08/15/66	7	29	
OLYM0163	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/93-09/09/93	0	1	
OLYM0164	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/74-05/15/79	4	20	
OLYM0165	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	34	125	T,S
OLYM0166	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/17/94-04/21/94	0	2	
OLYM0168	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	20	165	T
OLYM0177	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/93-09/10/93	0	1	
OLYM0183	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/85-09/29/85	0	1	
OLYM0188	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/95-06/28/95	0	1	
OLYM0189	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/85-09/29/85	0	1	
OLYM0191	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/67-09/20/67	0	1	
OLYM0192	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/95-08/17/95	0	1	
OLYM0198	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/94-11/15/94	0	2	
OLYM0202	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/05/95-07/05/95	0	1	
OLYM0204	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/27/68-01/27/68	0	1	
OLYM0209	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/94-11/15/94	0	2	
OLYM0212	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/95-08/17/95	0	1	
OLYM0213	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/59-09/13/67	8	9	
OLYM0214	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/59-04/30/80	20	48	
OLYM0216	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/60-09/05/61	1	15	
OLYM0218	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	11	269	A
OLYM0219	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	12	262	A

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0221	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/78-09/19/78	0	1	
OLYM0229	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/60-06/09/70	9	33	
OLYM0232	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/95-03/18/97	1	4	
OLYM0234	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/14/71-09/25/73	1	11	
OLYM0235	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/78-09/19/78	0	1	
OLYM0237	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/95-10/18/96	1	2	
OLYM0238	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/12/68-06/25/68	0	2	
OLYM0243	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/95-06/27/95	0	1	
OLYM0244	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/61-06/04/80	18	48	
OLYM0245	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/60-09/05/61	1	15	
OLYM0246	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/60-09/19/78	18	2	
OLYM0247	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/12/68-06/25/68	0	2	
OLYM0249	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/29/72-09/25/73	0	6	
OLYM0250	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/78-09/20/78	0	1	
OLYM0254	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/29/72-09/25/73	0	6	
OLYM0255	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/29/72-09/25/73	0	6	
OLYM0257	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/78-12/11/80	2	7	
OLYM0258	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/15/77-07/20/93	15	79	
OLYM0263	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/60-08/08/72	12	38	
OLYM0266	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/78-09/20/78	0	1	
OLYM0269	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/29/72-09/25/73	0	6	
OLYM0272	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/12/68-08/08/72	4	7	
OLYM0275	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/25/95-10/12/97	2	2	
OLYM0276	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/26/95-10/12/97	2	3	
OLYM0277	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/78-09/20/78	0	1	
OLYM0280	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/71-09/25/73	1	12	
OLYM0285	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/95-10/12/97	2	3	
OLYM0288	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/01/78-06/01/78	0	1	
OLYM0289	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/78-05/22/79	1	4	
OLYM0293	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/78-05/22/79	1	4	
OLYM0294	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/78-09/20/78	0	1	
OLYM0299	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/76-08/24/76	0	1	
OLYM0309	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/95-03/19/97	1	2	
OLYM0314	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/76-08/25/76	0	1	
OLYM0319	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/95-07/12/95	0	1	
OLYM0327	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/76-08/24/76	0	1	
OLYM0350	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/76-08/25/76	0	2	
OLYM0360	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/76-08/25/76	0	2	
OLYM0361	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/76-11/02/77	1	3	
OLYM0362	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/67-09/15/67	0	1	
OLYM0365	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/76-11/03/77	1	3	
OLYM0367	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/95-10/11/96	1	2	
OLYM0368	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/76-11/02/77	1	3	
OLYM0372	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/76-11/02/77	1	3	
OLYM0387	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/21/95-03/17/97	1	2	
OLYM0398	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/95-06/01/97	1	4	
OLYM0399	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/19/76-11/10/76	0	8	
OLYM0404	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/95-01/06/97	1	2	
OLYM0003	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/60-09/24/73	13	17	
OLYM0004	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/72-09/24/73	0	5	
OLYM0007	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/80-06/17/80	0	1	
OLYM0008	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/13/96-04/11/97	1	17	
OLYM0151	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/77-05/11/77	0	1	
OLYM0152	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/77-05/11/77	0	1	
OLYM0153	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/76-09/02/76	0	2	
OLYM0154	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/77-05/11/77	0	1	
OLYM0155	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/94-04/22/94	0	3	
OLYM0156	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/76-09/02/76	0	2	
OLYM0157	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/77-05/11/77	0	1	
OLYM0158	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/76-09/02/76	0	2	
OLYM0159	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/76-03/18/76	0	1	
OLYM0161	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/27/71-09/25/73	1	12	
OLYM0162	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/59-08/15/66	7	29	
OLYM0163	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/93-09/09/93	0	1	
OLYM0164	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/25/74-05/15/79	4	20	
OLYM0165	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	34	125	T,S

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0166	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/17/94-04/21/94	0	2	
OLYM0168	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	20	164	T
OLYM0177	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/93-09/10/93	0	1	
OLYM0191	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/30/54-10/04/67	12	2	
OLYM0205	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/66-10/04/66	0	1	
OLYM0206	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/67-10/04/67	0	1	
OLYM0207	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/67-01/27/68	0	3	
OLYM0208	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/67-10/04/67	0	1	
OLYM0213	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/06/59-09/13/67	8	8	
OLYM0214	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/47-04/30/80	32	51	S
OLYM0216	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/60-09/05/61	1	15	
OLYM0221	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/78-09/19/78	0	1	
OLYM0229	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/60-06/09/70	9	33	
OLYM0234	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/14/71-09/25/73	1	11	
OLYM0235	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/78-09/19/78	0	1	
OLYM0238	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/12/68-06/25/68	0	2	
OLYM0244	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/01/61-06/04/80	18	48	
OLYM0245	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/60-09/05/61	1	15	
OLYM0246	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/60-09/19/78	18	2	
OLYM0247	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/12/68-06/25/68	0	2	
OLYM0249	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/29/72-09/25/73	0	6	
OLYM0250	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/78-09/20/78	0	1	
OLYM0254	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/29/72-09/25/73	0	6	
OLYM0255	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/29/72-09/25/73	0	6	
OLYM0257	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/20/78-12/11/80	2	7	
OLYM0258	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/77-07/20/93	15	79	
OLYM0263	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/60-08/08/72	12	38	
OLYM0266	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/78-09/20/78	0	1	
OLYM0269	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/29/72-09/25/73	0	6	
OLYM0272	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/12/68-08/08/72	4	7	
OLYM0277	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/78-09/20/78	0	1	
OLYM0280	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/27/71-09/25/73	1	12	
OLYM0288	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/78-06/01/78	0	1	
OLYM0289	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/78-05/22/79	1	4	
OLYM0293	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/78-05/22/79	1	4	
OLYM0294	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/78-09/20/78	0	1	
OLYM0299	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/76-08/24/76	0	1	
OLYM0314	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/25/76-08/25/76	0	1	
OLYM0327	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/17/67-09/19/67	0	2	
OLYM0342	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/21/68-05/21/68	0	1	
OLYM0343	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/76-08/24/76	0	1	
OLYM0350	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/76-08/25/76	0	2	
OLYM0360	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/76-08/25/76	0	2	
OLYM0361	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/76-11/02/77	1	3	
OLYM0362	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/67-09/15/67	0	2	
OLYM0365	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/76-11/03/77	1	3	
OLYM0368	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/76-11/02/77	1	3	
OLYM0372	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/76-11/02/77	1	3	
OLYM0399	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/76-11/10/76	0	8	
OLYM0006	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/27/85-09/27/85	0	1	
OLYM0183	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/29/85-09/29/85	0	1	
OLYM0188	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/28/95-06/28/95	0	1	
OLYM0189	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/29/85-09/29/85	0	1	
OLYM0192	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	0	1	
OLYM0198	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/94-11/15/94	0	2	
OLYM0202	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/05/95-07/05/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0209	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/94-11/15/94	0	2	
OLYM0212	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	0	1	
OLYM0218	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	11	273	A
OLYM0219	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	12	257	A
OLYM0232	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/27/95-03/18/97	1	3	
OLYM0237	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/27/95-10/18/96	1	2	
OLYM0243	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/27/95-06/27/95	0	1	
OLYM0275	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/25/95-10/12/97	2	2	
OLYM0276	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/26/95-10/12/97	2	3	
OLYM0285	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/95-10/12/97	2	3	
OLYM0309	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/11/95-03/19/97	1	2	
OLYM0319	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/12/95-07/12/95	0	1	
OLYM0367	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/95-10/11/96	1	2	
OLYM0387	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/21/95-03/17/97	1	2	
OLYM0398	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/95-06/01/97	1	3	
OLYM0404	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/95-01/06/97	1	2	
OLYM0003	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/60-09/24/73	13	14	
OLYM0004	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/72-09/24/73	0	5	
OLYM0008	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/13/96-04/11/97	1	17	
OLYM0151	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/77-05/11/77	0	1	
OLYM0152	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/77-05/11/77	0	1	
OLYM0153	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/76-09/02/76	0	2	
OLYM0154	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/77-05/11/77	0	1	
OLYM0155	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/94-04/22/94	0	3	
OLYM0156	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/76-09/02/76	0	2	
OLYM0157	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/77-05/11/77	0	1	
OLYM0158	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/76-09/02/76	0	2	
OLYM0159	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/76-03/18/76	0	1	
OLYM0161	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/72-09/25/73	0	6	
OLYM0162	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/59-08/15/66	7	29	
OLYM0163	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/93-09/09/93	0	1	
OLYM0164	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/25/74-05/15/79	4	20	
OLYM0165	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	34	125	T,S
OLYM0166	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/17/94-04/21/94	0	2	
OLYM0168	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	20	164	T
OLYM0177	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/93-09/10/93	0	1	
OLYM0191	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/27/68-01/27/68	0	1	
OLYM0213	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/06/59-09/13/67	8	8	
OLYM0214	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/47-04/30/80	32	45	S
OLYM0216	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/60-09/05/61	1	15	
OLYM0221	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/78-09/19/78	0	1	
OLYM0229	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/60-06/09/70	9	33	
OLYM0234	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	0	6	
OLYM0235	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/78-09/19/78	0	1	
OLYM0238	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/68-06/25/68	0	2	
OLYM0244	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/01/61-06/04/80	18	42	
OLYM0245	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/60-09/05/61	1	15	
OLYM0246	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/60-09/19/78	18	2	
OLYM0247	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/68-06/25/68	0	2	
OLYM0249	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	0	6	
OLYM0250	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/78-09/20/78	0	1	
OLYM0254	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	0	6	
OLYM0255	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	0	6	
OLYM0257	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/20/78-12/11/80	2	7	
OLYM0258	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/15/77-07/20/93	15	79	
OLYM0263	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/60-06/04/70	9	32	
OLYM0266	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/78-09/20/78	0	1	
OLYM0269	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	0	6	
OLYM0272	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/68-06/25/68	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0277	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/78-09/20/78	0	1	
OLYM0280	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	0	6	
OLYM0288	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/01/78-06/01/78	0	1	
OLYM0289	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/29/78-05/22/79	1	4	
OLYM0293	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/29/78-05/22/79	1	4	
OLYM0294	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/78-09/20/78	0	1	
OLYM0299	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/76-08/24/76	0	1	
OLYM0314	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/25/76-08/25/76	0	1	
OLYM0327	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/19/76-11/02/77	1	3	
OLYM0341	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/76-08/24/76	0	1	
OLYM0350	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/76-08/25/76	0	2	
OLYM0360	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/76-08/25/76	0	2	
OLYM0361	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/76-11/02/77	1	3	
OLYM0362	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/67-09/15/67	0	1	
OLYM0365	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/76-11/03/77	1	3	
OLYM0368	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/76-11/02/77	1	3	
OLYM0372	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/76-11/02/77	1	3	
OLYM0399	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/19/76-11/10/76	0	8	
OLYM0188	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/28/95-06/28/95	0	1	
OLYM0192	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/16/95-08/16/95	0	1	
OLYM0194	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/13/95-07/13/95	0	1	
OLYM0197	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	0	1	
OLYM0198	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/03/94-11/15/94	0	2	
OLYM0202	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/05/95-07/05/95	0	1	
OLYM0209	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/03/94-11/15/94	0	2	
OLYM0212	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	0	1	
OLYM0218	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	11	272	A
OLYM0219	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	12	259	A
OLYM0232	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/27/95-03/18/97	1	3	
OLYM0237	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/27/95-10/18/96	1	2	
OLYM0243	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/27/95-06/27/95	0	1	
OLYM0275	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/25/95-10/12/97	2	2	
OLYM0276	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/26/95-10/12/97	2	3	
OLYM0285	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/95-10/12/97	2	3	
OLYM0309	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/11/95-03/19/97	1	2	
OLYM0319	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/12/95-07/12/95	0	1	
OLYM0367	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/95-10/11/96	1	2	
OLYM0387	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/21/95-03/17/97	1	2	
OLYM0388	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/21/95-03/17/97	1	2	
OLYM0398	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/95-06/01/97	1	3	
OLYM0404	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/95-01/07/97	1	3	
OLYM0405	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/95-01/06/97	1	2	
OLYM0003	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/60-08/01/61	1	8	
OLYM0006	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/27/85-09/27/85	0	1	
OLYM0008	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/13/96-04/11/97	1	17	
OLYM0151	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/11/77-05/11/77	0	1	
OLYM0152	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/11/77-05/11/77	0	1	
OLYM0154	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/11/77-05/11/77	0	1	
OLYM0155	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/08/94-04/22/94	0	3	
OLYM0157	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/11/77-05/11/77	0	1	
OLYM0162	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/59-08/15/66	7	29	
OLYM0163	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/93-09/09/93	0	1	
OLYM0165	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	34	125	T,S
OLYM0166	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/17/94-04/21/94	0	2	
OLYM0168	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	20	164	T
OLYM0177	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/93-09/10/93	0	1	
OLYM0183	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/85-09/29/85	0	1	
OLYM0191	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/67-09/20/67	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0204	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/27/68-01/27/68	0	1	
OLYM0213	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/06/59-09/13/67	8	8	
OLYM0214	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/47-06/05/70	22	23	S
OLYM0216	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/60-09/05/61	1	15	
OLYM0229	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/60-06/09/70	9	33	
OLYM0238	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/12/68-06/25/68	0	2	
OLYM0244	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/61-06/04/80	18	19	
OLYM0245	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/60-09/05/61	1	15	
OLYM0246	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/60-07/19/60	0	1	
OLYM0247	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/12/68-06/25/68	0	2	
OLYM0257	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/20/78-08/08/79	1	6	
OLYM0258	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/31/78-07/20/93	15	78	
OLYM0263	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/60-06/04/70	9	32	
OLYM0272	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/12/68-06/25/68	0	2	
OLYM0288	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/01/78-06/01/78	0	1	
OLYM0299	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/76-08/24/76	0	1	
OLYM0314	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/25/76-08/25/76	0	1	
OLYM0341	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/76-08/24/76	0	1	
OLYM0362	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/67-09/15/67	0	1	
OLYM0399	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/59-07/17/61	2	9	
OLYM0003	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/60-08/01/61	1	8	
OLYM0006	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/27/85-09/27/85	0	1	
OLYM0008	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/13/96-04/11/97	1	17	
OLYM0038	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/67-05/07/67	0	53	
OLYM0151	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/11/77-05/11/77	0	1	
OLYM0152	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/11/77-05/11/77	0	1	
OLYM0154	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/11/77-05/11/77	0	1	
OLYM0157	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/11/77-05/11/77	0	1	
OLYM0162	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/59-06/12/70	10	36	
OLYM0163	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/93-09/09/93	0	1	
OLYM0165	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	26	122	T,S
OLYM0168	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	20	164	T
OLYM0177	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/93-09/10/93	0	1	
OLYM0183	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/85-09/29/85	0	1	
OLYM0191	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/30/54-10/04/67	12	2	
OLYM0205	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/66-10/04/66	0	1	
OLYM0206	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/67-10/04/67	0	1	
OLYM0207	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/67-01/27/68	0	3	
OLYM0208	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/67-10/04/67	0	1	
OLYM0213	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/59-09/13/67	8	9	
OLYM0214	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/47-06/05/70	22	23	S
OLYM0216	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/67-09/20/67	0	1	
OLYM0217	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/60-09/05/61	1	15	
OLYM0220	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/10/68-06/10/68	0	10	
OLYM0221	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/78-09/19/78	0	1	
OLYM0229	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/60-06/09/70	9	33	
OLYM0235	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/78-09/19/78	0	1	
OLYM0238	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/12/68-06/25/68	0	2	
OLYM0244	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/01/61-06/04/80	18	20	
OLYM0245	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/60-09/05/61	1	15	
OLYM0246	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/60-09/19/78	18	2	
OLYM0247	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/12/68-06/25/68	0	2	
OLYM0250	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/78-09/20/78	0	1	
OLYM0257	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/20/78-08/08/79	1	6	
OLYM0258	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/31/78-07/20/93	15	77	
OLYM0263	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/60-06/04/70	9	32	
OLYM0266	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/78-09/20/78	0	1	
OLYM0272	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/12/68-06/25/68	0	2	
OLYM0277	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/78-09/20/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0288	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/78-06/01/78	0	1	
OLYM0294	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/78-09/20/78	0	1	
OLYM0299	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/76-08/24/76	0	1	
OLYM0314	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/25/76-08/25/76	0	1	
OLYM0341	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/76-08/24/76	0	1	
OLYM0362	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/67-09/15/67	0	1	
OLYM0399	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/59-07/17/61	2	9	
OLYM0400	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/76-11/10/76	0	98	
OLYM0164	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/25/74-07/26/78	3	5	
OLYM0165	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/20/59-09/24/86	26	58	
OLYM0175	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/17/77-06/12/78	0	2	
OLYM0176	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/24/67-03/05/86	18	19	
OLYM0198	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/94-11/15/94	0	2	
OLYM0214	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/27/59-04/30/80	20	26	
OLYM0229	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/60-10/18/67	7	14	
OLYM0244	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/62-06/04/80	18	27	
OLYM0257	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/18/79-07/18/79	0	1	
OLYM0258	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/15/77-07/17/91	13	51	
OLYM0263	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/60-10/19/67	7	14	
OLYM0289	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/29/78-05/22/79	1	3	
OLYM0293	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/29/78-05/22/79	1	3	
OLYM0165	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	04/14/75-01/14/82	6	20	
OLYM0176	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	02/13/80-12/09/81	1	6	
OLYM0244	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/04/80-06/04/80	0	1	
OLYM0258	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	01/31/78-11/03/81	3	11	
OLYM0001	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/28/80-03/28/80	0	1	
OLYM0015	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/27/80-03/27/80	0	1	
OLYM0150	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/06/78-06/06/78	0	1	
OLYM0155	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/08/94-04/22/94	0	3	
OLYM0165	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/14/75-04/22/94	19	29	
OLYM0166	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	12/17/73-08/24/82	8	20	
OLYM0244	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/04/80-06/04/80	0	1	
OLYM0257	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/79-07/18/79	0	1	
OLYM0258	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/31/78-07/15/82	4	17	
OLYM0393	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/22/89-08/22/89	0	1	
OLYM0395	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/22/89-08/22/89	0	1	
OLYM0397	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/22/89-08/22/89	0	2	
OLYM0001	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0053	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/21/87-12/16/87	0	2	
OLYM0164	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/26/78-07/26/78	0	1	
OLYM0165	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/25/77-09/24/86	8	35	
OLYM0175	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/17/77-06/12/78	0	2	
OLYM0176	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/13/80-03/05/86	6	17	
OLYM0214	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/17/77-04/30/80	2	16	
OLYM0244	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/15/77-06/04/80	2	17	
OLYM0257	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/18/79-07/18/79	0	1	
OLYM0258	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/15/77-07/20/93	15	59	
OLYM0289	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/29/78-05/22/79	1	3	
OLYM0293	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/29/78-05/22/79	1	3	
OLYM0165	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	10/25/77-05/19/82	4	16	
OLYM0176	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	02/13/80-08/06/81	1	5	
OLYM0244	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	06/04/80-06/04/80	0	1	
OLYM0257	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	07/18/79-07/18/79	0	1	
OLYM0258	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	01/31/78-07/09/81	3	11	
OLYM0155	No	01007	BARIUM, TOTAL (UG/L AS BA)	04/08/94-04/22/94	0	3	
OLYM0165	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/25/77-04/22/94	16	21	
OLYM0166	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	12/17/73-08/24/82	8	20	
OLYM0244	No	01007	BARIUM, TOTAL (UG/L AS BA)	06/04/80-06/04/80	0	1	
OLYM0257	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/18/79-07/18/79	0	1	
OLYM0258	No	01007	BARIUM, TOTAL (UG/L AS BA)	01/31/78-07/15/82	4	16	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0165	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/29/82-09/24/86	3	16	
OLYM0176	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/13/80-03/05/86	6	16	
OLYM0258	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/18/82-07/17/91	8	33	
OLYM0001	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/28/80-03/28/80	0	1	
OLYM0015	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/27/80-03/27/80	0	1	
OLYM0150	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/06/78-06/06/78	0	1	
OLYM0393	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/22/89-08/22/89	0	1	
OLYM0395	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/22/89-08/22/89	0	1	
OLYM0397	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/22/89-08/22/89	0	2	
OLYM0001	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0162	No	01020	BORON, DISSOLVED (UG/L AS B)	04/11/60-11/12/68	8	11	
OLYM0165	No	01020	BORON, DISSOLVED (UG/L AS B)	04/11/60-06/03/80	20	16	
OLYM0176	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/24/67-06/05/80	12	4	
OLYM0198	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/03/94-11/15/94	0	2	
OLYM0213	No	01020	BORON, DISSOLVED (UG/L AS B)	05/20/48-05/20/48	0	1	
OLYM0214	No	01020	BORON, DISSOLVED (UG/L AS B)	04/15/60-11/14/68	8	10	
OLYM0229	No	01020	BORON, DISSOLVED (UG/L AS B)	09/07/60-11/13/68	8	15	
OLYM0244	No	01020	BORON, DISSOLVED (UG/L AS B)	11/01/61-06/04/80	18	13	
OLYM0245	No	01020	BORON, DISSOLVED (UG/L AS B)	09/07/60-06/03/65	4	3	
OLYM0258	No	01020	BORON, DISSOLVED (UG/L AS B)	06/04/80-06/04/80	0	1	
OLYM0263	No	01020	BORON, DISSOLVED (UG/L AS B)	09/07/60-11/14/68	8	15	
OLYM0399	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/11/60-01/05/61	0	2	
OLYM0165	No	01021	BORON, SUSPENDED (UG/L AS B)	06/03/80-06/03/80	0	1	
OLYM0176	Yes	01021	BORON, SUSPENDED (UG/L AS B)	06/05/80-06/05/80	0	1	
OLYM0244	No	01021	BORON, SUSPENDED (UG/L AS B)	06/04/80-06/04/80	0	1	
OLYM0258	No	01021	BORON, SUSPENDED (UG/L AS B)	06/04/80-06/04/80	0	1	
OLYM0165	No	01022	BORON, TOTAL (UG/L AS B)	06/03/80-06/03/80	0	1	
OLYM0176	Yes	01022	BORON, TOTAL (UG/L AS B)	06/05/80-06/05/80	0	1	
OLYM0214	No	01022	BORON, TOTAL (UG/L AS B)	05/20/48-05/20/48	0	1	
OLYM0244	No	01022	BORON, TOTAL (UG/L AS B)	06/04/80-06/04/80	0	1	
OLYM0258	No	01022	BORON, TOTAL (UG/L AS B)	06/04/80-06/04/80	0	1	
OLYM0164	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/25/74-07/26/78	3	5	
OLYM0165	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/75-09/24/86	11	43	
OLYM0175	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/17/77-06/12/78	0	2	
OLYM0176	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/13/80-03/05/86	6	17	
OLYM0198	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/94-11/15/94	0	2	
OLYM0214	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/17/77-04/30/80	2	16	
OLYM0244	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/15/77-06/04/80	2	17	
OLYM0257	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/18/79-07/18/79	0	1	
OLYM0258	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/15/77-07/17/91	13	51	
OLYM0289	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/29/78-05/22/79	1	3	
OLYM0293	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/29/78-05/22/79	1	3	
OLYM0165	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	04/14/75-10/06/81	6	20	
OLYM0176	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	02/13/80-06/05/80	0	2	
OLYM0257	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	07/18/79-07/18/79	0	1	
OLYM0258	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	01/31/78-06/04/80	2	9	
OLYM0001	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/28/80-03/28/80	0	1	
OLYM0015	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/27/80-03/27/80	0	1	
OLYM0150	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/06/78-06/06/78	0	1	
OLYM0155	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/08/94-04/22/94	0	3	
OLYM0165	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/14/75-04/22/94	19	29	
OLYM0166	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	12/17/73-08/24/82	8	20	
OLYM0244	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/04/80-06/04/80	0	1	
OLYM0257	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/18/79-07/18/79	0	1	
OLYM0258	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/31/78-07/15/82	4	17	
OLYM0393	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/22/89-08/22/89	0	1	
OLYM0395	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/22/89-08/22/89	0	1	
OLYM0397	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/22/89-08/22/89	0	2	
OLYM0001	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0001	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/28/80-03/28/80	0	1	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0015	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0153	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/76-09/02/76	0	1	
OLYM0156	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/76-09/02/76	0	1	
OLYM0158	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/76-09/02/76	0	1	
OLYM0164	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/25/74-07/26/78	3	5	
OLYM0165	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/20/59-09/24/86	26	58	
OLYM0175	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/17/77-06/12/78	0	2	
OLYM0176	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/21/72-03/05/86	13	17	
OLYM0198	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/94-11/15/94	0	2	
OLYM0214	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/27/59-04/30/80	20	25	
OLYM0229	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/07/60-09/09/69	9	16	
OLYM0244	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/14/62-06/04/80	18	27	
OLYM0257	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/18/79-07/18/79	0	1	
OLYM0258	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/15/77-07/17/91	13	51	
OLYM0263	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/07/60-05/18/67	6	13	
OLYM0289	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/29/78-05/22/79	1	3	
OLYM0293	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/29/78-05/22/79	1	3	
OLYM0350	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/25/76-08/25/76	0	1	
OLYM0360	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/25/76-08/25/76	0	1	
OLYM0365	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/25/76-08/25/76	0	1	
OLYM0165	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	04/14/75-10/06/81	6	23	
OLYM0176	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	02/13/80-08/06/81	1	5	
OLYM0244	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	06/04/80-06/04/80	0	1	
OLYM0257	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	07/18/79-07/18/79	0	1	
OLYM0258	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	01/31/78-07/09/81	3	12	
OLYM0229	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	11/01/61-09/09/69	7	14	
OLYM0001	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/28/80-03/28/80	0	1	
OLYM0015	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/27/80-03/27/80	0	1	
OLYM0150	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/06/78-06/06/78	0	1	
OLYM0155	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/08/94-04/22/94	0	3	
OLYM0162	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/12/68-11/12/68	0	1	
OLYM0165	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/17/67-04/22/94	26	32	S
OLYM0166	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/24/67-08/24/82	14	26	
OLYM0214	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/19/67-09/10/69	1	3	
OLYM0244	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/19/67-06/04/80	12	4	
OLYM0257	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/18/79-07/18/79	0	1	
OLYM0258	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/31/78-07/15/82	4	16	
OLYM0263	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/19/67-09/10/69	1	3	
OLYM0393	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/22/89-08/22/89	0	1	
OLYM0395	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/22/89-08/22/89	0	1	
OLYM0397	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/22/89-08/22/89	0	2	
OLYM0165	No	01035	COBALT, DISSOLVED (UG/L AS CO)	04/14/75-09/24/86	11	43	
OLYM0176	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	02/13/80-03/05/86	6	17	
OLYM0244	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/04/80-06/04/80	0	1	
OLYM0257	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/18/79-07/18/79	0	1	
OLYM0258	No	01035	COBALT, DISSOLVED (UG/L AS CO)	01/31/78-07/20/93	15	58	
OLYM0165	No	01036	COBALT, SUSPENDED (UG/L AS CO)	04/14/75-10/06/81	6	19	
OLYM0257	No	01036	COBALT, SUSPENDED (UG/L AS CO)	07/18/79-07/18/79	0	1	
OLYM0258	No	01036	COBALT, SUSPENDED (UG/L AS CO)	01/31/78-01/15/80	1	8	
OLYM0165	No	01037	COBALT, TOTAL (UG/L AS CO)	04/14/75-07/13/82	7	26	
OLYM0176	Yes	01037	COBALT, TOTAL (UG/L AS CO)	06/05/80-06/05/80	0	1	
OLYM0244	No	01037	COBALT, TOTAL (UG/L AS CO)	06/04/80-06/04/80	0	1	
OLYM0257	No	01037	COBALT, TOTAL (UG/L AS CO)	07/18/79-07/18/79	0	1	
OLYM0258	No	01037	COBALT, TOTAL (UG/L AS CO)	01/31/78-07/15/82	4	17	
OLYM0171	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0153	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/76-09/02/76	0	1	
OLYM0156	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/76-09/02/76	0	1	
OLYM0158	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/76-09/02/76	0	1	
OLYM0164	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/25/74-07/26/78	3	5	
OLYM0165	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/20/59-09/24/86	26	60	
OLYM0175	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/17/77-06/12/78	0	2	
OLYM0176	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/24/67-03/05/86	18	22	
OLYM0198	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/94-11/15/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0209	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/94-11/15/94	0	2	
OLYM0214	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/27/59-04/30/80	20	28	
OLYM0229	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/07/60-09/09/69	9	16	
OLYM0244	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/62-06/04/80	18	30	
OLYM0257	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/18/79-07/18/79	0	1	
OLYM0258	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/15/77-07/17/91	13	50	
OLYM0263	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/07/60-09/10/69	9	16	
OLYM0289	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/29/78-05/22/79	1	3	
OLYM0293	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/29/78-05/22/79	1	3	
OLYM0350	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/25/76-08/25/76	0	1	
OLYM0360	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/25/76-08/25/76	0	1	
OLYM0365	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/25/76-08/25/76	0	1	
OLYM0165	No	01041	COPPER, SUSPENDED (UG/L AS CU)	04/14/75-07/13/82	7	25	
OLYM0176	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	02/13/80-06/05/80	0	2	
OLYM0244	No	01041	COPPER, SUSPENDED (UG/L AS CU)	06/04/80-06/04/80	0	1	
OLYM0257	No	01041	COPPER, SUSPENDED (UG/L AS CU)	07/18/79-07/18/79	0	1	
OLYM0258	No	01041	COPPER, SUSPENDED (UG/L AS CU)	01/31/78-07/15/82	4	17	
OLYM0001	No	01042	COPPER, TOTAL (UG/L AS CU)	03/28/80-03/28/80	0	1	
OLYM0015	No	01042	COPPER, TOTAL (UG/L AS CU)	03/27/80-03/27/80	0	1	
OLYM0150	No	01042	COPPER, TOTAL (UG/L AS CU)	06/06/78-06/06/78	0	1	
OLYM0155	No	01042	COPPER, TOTAL (UG/L AS CU)	04/08/94-04/22/94	0	3	
OLYM0162	No	01042	COPPER, TOTAL (UG/L AS CU)	11/12/68-11/12/68	0	1	
OLYM0165	No	01042	COPPER, TOTAL (UG/L AS CU)	04/14/75-04/22/94	19	29	
OLYM0166	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/16/71-08/24/82	10	21	
OLYM0213	No	01042	COPPER, TOTAL (UG/L AS CU)	10/19/67-10/19/67	0	1	
OLYM0244	No	01042	COPPER, TOTAL (UG/L AS CU)	06/04/80-06/04/80	0	1	
OLYM0257	No	01042	COPPER, TOTAL (UG/L AS CU)	07/18/79-07/18/79	0	1	
OLYM0258	No	01042	COPPER, TOTAL (UG/L AS CU)	01/31/78-07/15/82	4	17	
OLYM0393	No	01042	COPPER, TOTAL (UG/L AS CU)	08/22/89-08/22/89	0	1	
OLYM0395	No	01042	COPPER, TOTAL (UG/L AS CU)	08/22/89-08/22/89	0	1	
OLYM0397	No	01042	COPPER, TOTAL (UG/L AS CU)	08/22/89-08/22/89	0	2	
OLYM0001	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0165	No	01044	IRON, SUSPENDED (UG/L AS FE)	10/25/78-07/13/82	3	13	
OLYM0176	Yes	01044	IRON, SUSPENDED (UG/L AS FE)	02/13/80-12/09/81	1	3	
OLYM0244	No	01044	IRON, SUSPENDED (UG/L AS FE)	06/04/80-06/04/80	0	1	
OLYM0257	No	01044	IRON, SUSPENDED (UG/L AS FE)	07/18/79-07/18/79	0	1	
OLYM0258	No	01044	IRON, SUSPENDED (UG/L AS FE)	07/25/78-07/15/82	3	14	
OLYM0003	No	01045	IRON, TOTAL (UG/L AS FE)	07/18/60-08/01/61	1	7	
OLYM0155	No	01045	IRON, TOTAL (UG/L AS FE)	04/08/94-04/22/94	0	3	
OLYM0162	No	01045	IRON, TOTAL (UG/L AS FE)	07/09/59-06/02/65	5	27	
OLYM0164	No	01045	IRON, TOTAL (UG/L AS FE)	10/25/74-07/26/78	3	5	
OLYM0165	No	01045	IRON, TOTAL (UG/L AS FE)	10/19/59-04/22/94	34	52	S
OLYM0166	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01045	IRON, TOTAL (UG/L AS FE)	12/12/67-08/24/82	14	22	
OLYM0191	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/04/67-10/04/67	0	1	
OLYM0205	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/04/66-10/04/66	0	1	
OLYM0206	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/04/67-10/04/67	0	1	
OLYM0207	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/04/67-01/27/68	0	3	
OLYM0208	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/04/67-10/04/67	0	1	
OLYM0213	No	01045	IRON, TOTAL (UG/L AS FE)	07/06/59-09/21/59	0	2	
OLYM0214	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/48-06/03/65	17	14	
OLYM0216	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/20/67-09/20/67	0	1	
OLYM0229	No	01045	IRON, TOTAL (UG/L AS FE)	07/18/60-06/02/65	4	25	
OLYM0244	No	01045	IRON, TOTAL (UG/L AS FE)	11/01/61-06/04/80	18	10	
OLYM0245	No	01045	IRON, TOTAL (UG/L AS FE)	07/19/60-12/15/64	4	16	
OLYM0257	No	01045	IRON, TOTAL (UG/L AS FE)	07/18/79-07/18/79	0	1	
OLYM0258	No	01045	IRON, TOTAL (UG/L AS FE)	01/31/78-07/15/82	4	17	
OLYM0263	No	01045	IRON, TOTAL (UG/L AS FE)	07/19/60-06/03/65	4	23	
OLYM0288	No	01045	IRON, TOTAL (UG/L AS FE)	06/01/78-06/01/78	0	1	
OLYM0341	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/19/67-09/19/67	0	1	
OLYM0362	No	01045	IRON, TOTAL (UG/L AS FE)	09/15/67-09/15/67	0	1	
OLYM0399	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/09/59-07/17/61	2	9	
OLYM0008	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/13/96-04/11/97	1	17	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0151	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/11/77-05/11/77	0	1	
OLYM0152	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/11/77-05/11/77	0	1	
OLYM0154	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/11/77-05/11/77	0	1	
OLYM0157	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/11/77-05/11/77	0	1	
OLYM0163	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/09/93-09/09/93	0	1	
OLYM0165	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/05/60-09/24/86	25	44	
OLYM0168	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/13/80-03/05/86	6	17	
OLYM0177	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/10/93-09/10/93	0	1	
OLYM0198	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/03/94-11/15/94	0	2	
OLYM0218	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/10/94-11/15/95	1	25	
OLYM0219	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/12/95-12/17/97	2	38	
OLYM0244	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/04/80-06/04/80	0	1	
OLYM0257	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/18/79-07/18/79	0	1	
OLYM0258	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/31/78-07/20/93	15	58	
OLYM0400	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/19/76-11/10/76	0	8	
OLYM0153	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/76-09/02/76	0	1	
OLYM0156	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/76-09/02/76	0	1	
OLYM0158	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/76-09/02/76	0	1	
OLYM0164	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/25/74-07/26/78	3	5	
OLYM0165	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/75-09/24/86	11	43	
OLYM0175	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/17/77-06/12/78	0	2	
OLYM0176	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/21/72-03/05/86	13	18	
OLYM0198	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/94-11/15/94	0	2	
OLYM0214	No	01049	LEAD, DISSOLVED (UG/L AS PB)	11/17/77-04/30/80	2	16	
OLYM0244	No	01049	LEAD, DISSOLVED (UG/L AS PB)	11/15/77-06/04/80	2	17	
OLYM0257	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/18/79-07/18/79	0	1	
OLYM0258	No	01049	LEAD, DISSOLVED (UG/L AS PB)	11/15/77-07/17/91	13	51	
OLYM0289	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/29/78-05/22/79	1	3	
OLYM0293	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/29/78-05/22/79	1	3	
OLYM0350	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/25/76-08/25/76	0	1	
OLYM0360	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/25/76-08/25/76	0	1	
OLYM0365	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/25/76-08/25/76	0	1	
OLYM0165	No	01050	LEAD, SUSPENDED (UG/L AS PB)	04/14/75-07/13/82	7	25	
OLYM0176	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	02/13/80-12/09/81	1	4	
OLYM0244	No	01050	LEAD, SUSPENDED (UG/L AS PB)	06/04/80-06/04/80	0	1	
OLYM0257	No	01050	LEAD, SUSPENDED (UG/L AS PB)	07/18/79-07/18/79	0	1	
OLYM0258	No	01050	LEAD, SUSPENDED (UG/L AS PB)	01/31/78-07/15/82	4	17	
OLYM0001	No	01051	LEAD, TOTAL (UG/L AS PB)	03/28/80-03/28/80	0	1	
OLYM0015	No	01051	LEAD, TOTAL (UG/L AS PB)	03/27/80-03/27/80	0	1	
OLYM0150	No	01051	LEAD, TOTAL (UG/L AS PB)	06/06/78-06/06/78	0	1	
OLYM0155	No	01051	LEAD, TOTAL (UG/L AS PB)	04/08/94-04/22/94	0	3	
OLYM0165	No	01051	LEAD, TOTAL (UG/L AS PB)	04/14/75-04/22/94	19	29	
OLYM0166	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/16/71-08/24/82	10	21	
OLYM0244	No	01051	LEAD, TOTAL (UG/L AS PB)	06/04/80-06/04/80	0	1	
OLYM0257	No	01051	LEAD, TOTAL (UG/L AS PB)	07/18/79-07/18/79	0	1	
OLYM0258	No	01051	LEAD, TOTAL (UG/L AS PB)	01/31/78-07/15/82	4	17	
OLYM0393	No	01051	LEAD, TOTAL (UG/L AS PB)	08/22/89-08/22/89	0	1	
OLYM0395	No	01051	LEAD, TOTAL (UG/L AS PB)	08/22/89-08/22/89	0	1	
OLYM0397	No	01051	LEAD, TOTAL (UG/L AS PB)	08/22/89-08/22/89	0	2	
OLYM0001	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0171	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0165	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/14/75-07/13/82	7	25	
OLYM0176	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	02/13/80-08/24/82	2	7	
OLYM0244	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/04/80-06/04/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0257	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	07/18/79-07/18/79	0	1	
OLYM0258	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	01/31/78-07/15/82	4	16	
OLYM0155	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/08/94-04/22/94	0	3	
OLYM0165	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/14/75-04/22/94	19	29	
OLYM0166	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	12/17/73-08/24/82	8	20	
OLYM0244	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/04/80-06/04/80	0	1	
OLYM0257	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/18/79-07/18/79	0	1	
OLYM0258	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/31/78-07/15/82	4	17	
OLYM0288	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/01/78-06/01/78	0	1	
OLYM0006	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/27/85-09/27/85	0	1	
OLYM0008	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/13/96-04/11/97	1	17	
OLYM0151	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/11/77-05/11/77	0	1	
OLYM0152	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/11/77-05/11/77	0	1	
OLYM0154	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/11/77-05/11/77	0	1	
OLYM0157	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/11/77-05/11/77	0	1	
OLYM0163	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/93-09/09/93	0	1	
OLYM0165	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/14/75-09/24/86	11	43	
OLYM0168	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/10/93-09/10/93	0	1	
OLYM0176	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/13/80-03/05/86	6	17	
OLYM0177	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/10/93-09/10/93	0	1	
OLYM0183	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/85-09/29/85	0	1	
OLYM0198	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/94-11/15/94	0	2	
OLYM0244	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/04/80-06/04/80	0	1	
OLYM0257	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/18/79-07/18/79	0	1	
OLYM0258	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/31/78-07/20/93	15	58	
OLYM0400	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/19/76-11/10/76	0	8	
OLYM0001	No	01059	THALLIUM, TOTAL (UG/L AS TL)	03/28/80-03/28/80	0	1	
OLYM0015	No	01059	THALLIUM, TOTAL (UG/L AS TL)	03/27/80-03/27/80	0	1	
OLYM0150	No	01059	THALLIUM, TOTAL (UG/L AS TL)	06/06/78-06/06/78	0	1	
OLYM0393	No	01059	THALLIUM, TOTAL (UG/L AS TL)	08/22/89-08/22/89	0	1	
OLYM0395	No	01059	THALLIUM, TOTAL (UG/L AS TL)	08/22/89-08/22/89	0	1	
OLYM0397	No	01059	THALLIUM, TOTAL (UG/L AS TL)	08/22/89-08/22/89	0	2	
OLYM0165	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/29/82-09/24/86	3	16	
OLYM0176	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/13/80-03/05/86	6	16	
OLYM0198	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/03/94-11/15/94	0	2	
OLYM0258	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/18/82-07/20/93	10	41	
OLYM0165	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/17/79-09/24/86	6	27	
OLYM0176	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/05/80-03/05/86	5	10	
OLYM0198	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/03/94-11/15/94	0	2	
OLYM0244	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/04/80-06/04/80	0	1	
OLYM0258	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/23/79-07/20/93	13	52	
OLYM0165	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	10/17/79-07/13/82	2	10	
OLYM0176	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	06/05/80-06/05/80	0	1	
OLYM0244	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	06/04/80-06/04/80	0	1	
OLYM0258	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	10/23/79-07/15/82	2	9	
OLYM0001	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/28/80-03/28/80	0	1	
OLYM0015	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/27/80-03/27/80	0	1	
OLYM0150	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/06/78-06/06/78	0	1	
OLYM0165	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/17/79-07/13/82	2	11	
OLYM0176	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/05/80-06/05/80	0	1	
OLYM0244	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/04/80-06/04/80	0	1	
OLYM0258	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/23/79-07/15/82	2	11	
OLYM0393	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/22/89-08/22/89	0	1	
OLYM0395	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/22/89-08/22/89	0	1	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0397	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/22/89-08/22/89	0	2	
OLYM0001	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0053	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	10/21/87-12/16/87	0	2	
OLYM0164	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/26/78-07/26/78	0	1	
OLYM0165	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/25/77-09/24/86	8	35	
OLYM0175	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/17/77-06/12/78	0	2	
OLYM0176	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	02/13/80-03/05/86	6	17	
OLYM0214	No	01075	SILVER, DISSOLVED (UG/L AS AG)	11/17/77-04/30/80	2	16	
OLYM0244	No	01075	SILVER, DISSOLVED (UG/L AS AG)	11/15/77-06/04/80	2	17	
OLYM0257	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/18/79-07/18/79	0	1	
OLYM0258	No	01075	SILVER, DISSOLVED (UG/L AS AG)	11/15/77-07/20/93	15	59	
OLYM0289	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/29/78-05/22/79	1	3	
OLYM0293	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/29/78-05/22/79	1	3	
OLYM0165	No	01076	SILVER, SUSPENDED (UG/L AS AG)	10/25/77-10/06/81	3	15	
OLYM0176	Yes	01076	SILVER, SUSPENDED (UG/L AS AG)	02/13/80-08/06/81	1	5	
OLYM0244	No	01076	SILVER, SUSPENDED (UG/L AS AG)	06/04/80-06/04/80	0	1	
OLYM0257	No	01076	SILVER, SUSPENDED (UG/L AS AG)	07/18/79-07/18/79	0	1	
OLYM0258	No	01076	SILVER, SUSPENDED (UG/L AS AG)	01/31/78-07/09/81	3	13	
OLYM0001	No	01077	SILVER, TOTAL (UG/L AS AG)	03/28/80-03/28/80	0	1	
OLYM0015	No	01077	SILVER, TOTAL (UG/L AS AG)	03/27/80-03/27/80	0	1	
OLYM0150	No	01077	SILVER, TOTAL (UG/L AS AG)	06/06/78-06/06/78	0	1	
OLYM0155	No	01077	SILVER, TOTAL (UG/L AS AG)	04/08/94-04/22/94	0	3	
OLYM0165	No	01077	SILVER, TOTAL (UG/L AS AG)	10/25/77-04/22/94	16	24	
OLYM0166	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01077	SILVER, TOTAL (UG/L AS AG)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01077	SILVER, TOTAL (UG/L AS AG)	12/17/73-08/24/82	8	20	
OLYM0244	No	01077	SILVER, TOTAL (UG/L AS AG)	06/04/80-06/04/80	0	1	
OLYM0257	No	01077	SILVER, TOTAL (UG/L AS AG)	07/18/79-07/18/79	0	1	
OLYM0258	No	01077	SILVER, TOTAL (UG/L AS AG)	01/31/78-07/15/82	4	21	
OLYM0393	No	01077	SILVER, TOTAL (UG/L AS AG)	08/22/89-08/22/89	0	1	
OLYM0395	No	01077	SILVER, TOTAL (UG/L AS AG)	08/22/89-08/22/89	0	1	
OLYM0397	No	01077	SILVER, TOTAL (UG/L AS AG)	08/22/89-08/22/89	0	2	
OLYM0001	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0165	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/29/82-09/24/86	3	16	
OLYM0176	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/07/68-03/05/86	18	17	
OLYM0198	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/03/94-11/15/94	0	2	
OLYM0238	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/12/68-06/25/68	0	2	
OLYM0247	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/12/68-06/25/68	0	2	
OLYM0258	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/18/82-07/20/93	10	41	
OLYM0272	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/12/68-06/25/68	0	2	
OLYM0176	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	09/16/71-09/16/71	0	1	
OLYM0165	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	11/29/82-09/24/86	3	16	
OLYM0176	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	02/13/80-03/05/86	6	16	
OLYM0258	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	11/18/82-07/20/93	10	41	
OLYM0153	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/76-09/02/76	0	1	
OLYM0156	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/76-09/02/76	0	1	
OLYM0158	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/76-09/02/76	0	1	
OLYM0164	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/25/74-07/26/78	3	5	
OLYM0165	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/61-09/24/86	24	57	
OLYM0175	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/17/77-06/12/78	0	2	
OLYM0176	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/24/67-03/05/86	18	23	
OLYM0198	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/94-11/15/94	0	2	
OLYM0214	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	12/23/63-04/30/80	16	26	
OLYM0229	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/61-09/09/69	7	14	
OLYM0244	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/62-06/04/80	18	30	
OLYM0257	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/18/79-07/18/79	0	1	
OLYM0258	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/15/77-07/17/91	13	51	
OLYM0263	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/02/61-09/10/69	7	14	
OLYM0289	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/29/78-05/22/79	1	3	
OLYM0293	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/29/78-05/22/79	1	3	
OLYM0350	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/25/76-08/25/76	0	1	
OLYM0360	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/25/76-08/25/76	0	1	
OLYM0365	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/25/76-08/25/76	0	1	
OLYM0165	No	01091	ZINC, SUSPENDED (UG/L ZN)	04/14/75-07/13/82	7	25	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0176	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	02/13/80-08/24/82	2	7	
OLYM0244	No	01091	ZINC, SUSPENDED (UG/L ZN)	06/04/80-06/04/80	0	1	
OLYM0257	No	01091	ZINC, SUSPENDED (UG/L ZN)	07/18/79-07/18/79	0	1	
OLYM0258	No	01091	ZINC, SUSPENDED (UG/L ZN)	01/31/78-07/15/82	4	16	
OLYM0001	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/28/80-03/28/80	0	1	
OLYM0015	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/27/80-03/27/80	0	1	
OLYM0150	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/06/78-06/06/78	0	1	
OLYM0155	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/08/94-04/22/94	0	3	
OLYM0162	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/12/68-11/12/68	0	1	
OLYM0165	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/14/75-04/22/94	19	29	
OLYM0166	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/16/71-08/24/82	10	21	
OLYM0213	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/19/67-10/19/67	0	1	
OLYM0244	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/04/80-06/04/80	0	1	
OLYM0257	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/18/79-07/18/79	0	1	
OLYM0258	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/31/78-07/15/82	4	17	
OLYM0393	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/22/89-08/22/89	0	1	
OLYM0395	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/22/89-08/22/89	0	1	
OLYM0397	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/22/89-08/22/89	0	2	
OLYM0001	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0198	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	10/03/94-11/15/94	0	2	
OLYM0001	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	03/28/80-03/28/80	0	1	
OLYM0015	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	03/27/80-03/27/80	0	1	
OLYM0150	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	06/06/78-06/06/78	0	1	
OLYM0393	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	08/22/89-08/22/89	0	1	
OLYM0395	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	08/22/89-08/22/89	0	1	
OLYM0397	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	08/22/89-08/22/89	0	2	
OLYM0001	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0053	No	01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0198	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	10/03/94-11/15/94	0	2	
OLYM0006	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/27/85-09/27/85	0	1	
OLYM0165	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/03/80-06/03/80	0	1	
OLYM0176	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/05/80-06/05/80	0	1	
OLYM0183	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/29/85-09/29/85	0	1	
OLYM0244	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/04/80-06/04/80	0	1	
OLYM0258	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/04/80-06/04/80	0	1	
OLYM0165	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/03/80-09/24/86	6	17	
OLYM0176	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/05/80-03/05/86	5	10	
OLYM0198	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/03/94-11/15/94	0	2	
OLYM0244	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/04/80-06/04/80	0	1	
OLYM0258	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/04/80-07/20/93	13	42	
OLYM0165	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/03/80-06/03/80	0	1	
OLYM0176	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/05/80-06/05/80	0	1	
OLYM0244	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/04/80-06/04/80	0	1	
OLYM0258	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/04/80-06/04/80	0	1	
OLYM0165	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/03/80-09/24/86	6	17	
OLYM0176	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/07/68-03/05/86	18	19	
OLYM0238	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/12/68-06/25/68	0	2	
OLYM0244	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/04/80-06/04/80	0	1	
OLYM0247	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/12/68-06/25/68	0	2	
OLYM0258	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/04/80-07/20/93	13	42	
OLYM0272	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/12/68-06/25/68	0	2	
OLYM0165	No	01131	LITHIUM, SUSPENDED (UG/L AS LI)	06/03/80-06/03/80	0	1	
OLYM0176	Yes	01131	LITHIUM, SUSPENDED (UG/L AS LI)	06/05/80-06/05/80	0	1	
OLYM0244	No	01131	LITHIUM, SUSPENDED (UG/L AS LI)	06/04/80-06/04/80	0	1	
OLYM0258	No	01131	LITHIUM, SUSPENDED (UG/L AS LI)	06/04/80-06/04/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0165	No	01132	LITHIUM, TOTAL (UG/L AS LI)	06/03/80-06/03/80	0	1	
OLYM0176	Yes	01132	LITHIUM, TOTAL (UG/L AS LI)	09/16/71-06/05/80	8	2	
OLYM0244	No	01132	LITHIUM, TOTAL (UG/L AS LI)	06/04/80-06/04/80	0	1	
OLYM0258	No	01132	LITHIUM, TOTAL (UG/L AS LI)	06/04/80-06/04/80	0	1	
OLYM0198	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	10/03/94-11/15/94	0	2	
OLYM0218	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	01/10/94-11/15/95	1	25	
OLYM0219	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	01/12/95-12/17/97	2	38	
OLYM0164	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/25/74-07/26/78	3	5	
OLYM0165	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/14/75-09/24/86	11	42	
OLYM0175	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/17/77-06/12/78	0	2	
OLYM0176	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/13/80-03/05/86	6	17	
OLYM0214	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/17/77-04/30/80	2	16	
OLYM0244	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/15/77-06/04/80	2	17	
OLYM0257	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/18/79-07/18/79	0	1	
OLYM0258	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/15/77-07/20/93	15	59	
OLYM0289	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/29/78-05/22/79	1	3	
OLYM0293	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/29/78-05/22/79	1	3	
OLYM0165	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	04/14/75-10/06/81	6	22	
OLYM0176	Yes	01146	SELENIUM, SUSPENDED (UG/L AS SE)	02/13/80-08/06/81	1	6	
OLYM0244	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	06/04/80-06/04/80	0	1	
OLYM0257	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	07/18/79-07/18/79	0	1	
OLYM0258	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	01/31/78-07/09/81	3	13	
OLYM0001	No	01147	SELENIUM, TOTAL (UG/L AS SE)	03/28/80-03/28/80	0	1	
OLYM0015	No	01147	SELENIUM, TOTAL (UG/L AS SE)	03/27/80-03/27/80	0	1	
OLYM0150	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/06/78-06/06/78	0	1	
OLYM0155	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/08/94-04/22/94	0	3	
OLYM0165	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/14/75-04/22/94	19	29	
OLYM0166	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	12/17/73-08/24/82	8	21	
OLYM0244	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/04/80-06/04/80	0	1	
OLYM0257	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/18/79-07/18/79	0	1	
OLYM0258	No	01147	SELENIUM, TOTAL (UG/L AS SE)	01/31/78-07/15/82	4	17	
OLYM0393	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/22/89-08/22/89	0	1	
OLYM0395	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/22/89-08/22/89	0	1	
OLYM0397	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/22/89-08/22/89	0	2	
OLYM0001	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0053	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/21/87-12/16/87	0	2	
OLYM0198	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/03/94-11/15/94	0	2	
OLYM0209	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/03/94-11/15/94	0	2	
OLYM0171	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0053	No	01360	SAMPLE LENGTH CM	10/21/87-12/16/87	0	3	
OLYM0053	No	01361	SAMPLE LENGTH-MAXIMUM CM	10/21/87-12/16/87	0	3	
OLYM0176	Yes	01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	09/13/67-02/13/80	12	9	
OLYM0213	No	01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	09/13/67-09/13/67	0	1	
OLYM0176	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	09/13/67-02/13/80	12	9	
OLYM0213	No	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	09/13/67-09/13/67	0	1	
OLYM0155	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/08/94-04/22/94	0	3	
OLYM0165	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/15/94-04/21/94	0	2	
OLYM0176	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	09/13/67-03/05/86	18	21	
OLYM0213	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	09/13/67-09/13/67	0	1	
OLYM0176	Yes	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	09/13/67-03/05/86	18	21	
OLYM0213	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	09/13/67-09/13/67	0	1	
OLYM0171	Yes	04106	RADIUM-228,2 SIG PRECISION,DRY WEIGHT,SED PCI/G	04/23/94-04/23/94	0	1	
OLYM0172	Yes	04106	RADIUM-228,2 SIG PRECISION,DRY WEIGHT,SED PCI/G	04/08/94-04/08/94	0	1	
OLYM0171	Yes	04107	RADIUM-226,2 SIG PRECISION,DRY WEIGHT,SED PCI/G	04/23/94-04/23/94	0	1	
OLYM0172	Yes	04107	RADIUM-226,2 SIG PRECISION,DRY WEIGHT,SED PCI/G	04/08/94-04/08/94	0	1	
OLYM0155	No	04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	04/08/94-04/22/94	0	3	
OLYM0165	No	04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	04/15/94-04/21/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0171	Yes	09507	RADIUM 226 IN SEDIMENT (PC/G OF DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	09507	RADIUM 226 IN SEDIMENT (PC/G OF DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	09/13/67-09/13/67	0	1	
OLYM0213	No	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	09/13/67-09/13/67	0	1	
OLYM0155	No	09511	RADIUM 226, DISSOLVED, RADON METHOD	04/08/94-04/22/94	0	3	
OLYM0165	No	09511	RADIUM 226, DISSOLVED, RADON METHOD	04/07/94-04/22/94	0	3	
OLYM0166	Yes	09511	RADIUM 226, DISSOLVED, RADON METHOD	04/07/94-04/21/94	0	3	
OLYM0167	Yes	09511	RADIUM 226, DISSOLVED, RADON METHOD	04/15/94-04/21/94	0	2	
OLYM0176	Yes	09511	RADIUM 226, DISSOLVED, RADON METHOD	02/07/68-03/05/86	18	20	
OLYM0176	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/13/67-09/13/67	0	1	
OLYM0213	No	22703	URANIUM, NATURAL, DISSOLVED	09/13/67-09/13/67	0	1	
OLYM0201	Yes	30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/13/94-08/17/94	0	2	
OLYM0073	No	30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	10/21/87-10/21/87	0	1	
OLYM0145	No	31201	INVALID PARAMETER	05/04/72-05/04/72	0	1	
OLYM0003	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/10/72-09/16/74	2	13	
OLYM0004	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/28/72-09/16/74	1	10	
OLYM0008	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/20/73-09/12/78	4	28	
OLYM0013	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-10/31/72	2	3	
OLYM0017	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-10/31/72	2	3	
OLYM0021	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-10/31/72	2	3	
OLYM0040	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	2	20	
OLYM0044	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0045	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0047	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0048	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0052	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	2	25	
OLYM0065	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0069	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	2	25	
OLYM0077	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0078	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0079	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0082	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0095	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	2	25	
OLYM0105	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	2	26	
OLYM0106	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0107	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0108	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0116	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0117	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0118	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0132	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	0	1	
OLYM0133	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	0	1	
OLYM0134	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	0	1	
OLYM0135	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	0	1	
OLYM0136	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	0	1	
OLYM0137	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	0	1	
OLYM0139	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0144	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	2	25	
OLYM0145	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	2	3	
OLYM0146	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	2	26	
OLYM0151	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/11/77-05/11/77	0	1	
OLYM0152	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/11/77-05/11/77	0	1	
OLYM0153	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/76-05/11/77	1	6	
OLYM0156	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/76-05/11/77	1	6	
OLYM0158	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/76-05/11/77	1	6	
OLYM0159	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/76-04/28/76	0	2	
OLYM0161	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/71-09/17/74	2	18	
OLYM0165	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/21/74-08/31/77	2	23	
OLYM0176	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	11	105	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0214	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/71-09/17/74	2	18	
OLYM0234	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/14/71-09/17/74	2	17	
OLYM0244	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/71-09/17/74	2	17	
OLYM0249	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/29/72-09/17/74	1	12	
OLYM0252	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/26/67-09/16/70	2	24	
OLYM0253	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0254	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/29/72-09/17/74	1	11	
OLYM0255	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/29/72-09/17/74	1	12	
OLYM0261	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0262	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0263	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/71-08/08/72	0	6	
OLYM0264	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0269	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/29/72-09/17/74	1	12	
OLYM0271	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0272	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/14/71-08/08/72	0	5	
OLYM0273	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0274	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0278	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0280	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/71-09/17/74	2	18	
OLYM0281	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0282	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0284	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	1	2	
OLYM0286	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0287	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0288	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/78-06/01/78	0	1	
OLYM0289	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/29/78-03/29/78	0	1	
OLYM0290	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0291	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	1	2	
OLYM0292	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	1	2	
OLYM0293	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/29/78-03/29/78	0	1	
OLYM0295	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0296	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	1	2	
OLYM0297	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0298	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0299	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	1	2	
OLYM0300	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	1	2	
OLYM0301	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0302	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	1	2	
OLYM0303	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0304	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	1	2	
OLYM0305	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	1	2	
OLYM0306	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0307	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	1	2	
OLYM0308	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0310	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0311	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	1	2	
OLYM0312	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0313	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0314	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-10/05/77	1	3	
OLYM0315	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/04/77-10/04/77	0	1	
OLYM0316	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0317	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0318	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0320	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0321	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0322	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0323	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0324	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0326	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0327	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/19/76-11/03/77	1	6	
OLYM0328	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0330	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0331	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/26/67-09/16/70	2	21	
OLYM0332	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0334	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0336	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	2	
OLYM0337	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	2	
OLYM0344	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/26/67-09/16/70	2	22	
OLYM0346	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-09/08/77	1	2	
OLYM0348	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	1	12	
OLYM0349	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	1	13	
OLYM0350	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/21/76-01/18/77	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0351	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/10/76-09/10/76	0	3	
OLYM0352	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-08/19/76	0	7	
OLYM0354	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/03/77-11/03/77	0	1	
OLYM0357	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/03/77-11/03/77	0	1	
OLYM0358	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/03/77-11/03/77	0	1	
OLYM0359	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/03/77-11/03/77	0	1	
OLYM0360	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/20/76-01/18/77	0	4	
OLYM0361	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/20/76-11/03/77	1	6	
OLYM0363	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-09/10/76	0	16	
OLYM0365	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/20/76-11/03/77	1	5	
OLYM0368	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/21/76-11/03/77	1	6	
OLYM0369	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/10/76-09/10/76	0	3	
OLYM0370	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-09/10/76	0	14	
OLYM0372	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/20/76-11/03/77	1	6	
OLYM0373	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-09/10/76	0	20	
OLYM0374	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-09/08/77	1	28	
OLYM0375	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/10/76-09/10/76	0	2	
OLYM0379	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-09/08/77	1	32	
OLYM0380	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-09/10/76	0	29	
OLYM0381	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-08/19/76	0	1	
OLYM0382	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-08/19/76	0	1	
OLYM0383	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-08/19/76	0	1	
OLYM0384	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-09/10/76	0	24	
OLYM0385	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-08/19/76	0	4	
OLYM0389	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-09/08/77	1	39	
OLYM0390	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-09/08/77	1	11	
OLYM0069	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/15/73-09/10/75	2	34	
OLYM0146	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/15/73-09/13/77	4	49	
OLYM0155	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	04/08/94-04/22/94	0	3	
OLYM0164	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/25/74-09/21/77	2	13	
OLYM0165	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	04/07/94-04/22/94	0	3	
OLYM0166	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	04/07/94-04/21/94	0	3	
OLYM0167	Yes	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	04/15/94-04/21/94	0	3	
OLYM0256	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	07/23/74-07/23/74	0	1	
OLYM0162	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/59-08/15/66	7	29	
OLYM0213	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/06/59-08/02/66	7	4	
OLYM0245	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/19/60-09/05/61	1	15	
OLYM0399	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/59-07/17/61	2	9	
OLYM0003	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/18/60-08/01/61	1	8	
OLYM0165	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10/19/59-08/01/66	6	26	
OLYM0176	Yes	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	06/04/70-06/04/70	0	1	
OLYM0214	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10/27/59-08/04/66	6	14	
OLYM0229	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/18/60-08/02/66	6	27	
OLYM0244	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	11/01/61-08/02/66	4	12	
OLYM0263	No	31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/19/60-08/02/66	6	26	
OLYM0002	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/25/93-09/30/97	3	46	
OLYM0005	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/25/93-09/26/94	0	12	
OLYM0069	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-09/10/75	2	34	
OLYM0146	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	14	126	
OLYM0153	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-09/02/76	0	5	
OLYM0156	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-09/02/76	0	5	
OLYM0158	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-09/02/76	0	5	
OLYM0159	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-04/28/76	0	2	
OLYM0162	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	3	48	
OLYM0165	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-10/26/76	1	17	
OLYM0176	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/73-09/27/76	2	32	
OLYM0213	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/27/94	0	12	
OLYM0245	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	3	48	
OLYM0265	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/27/94	0	12	
OLYM0279	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/27/94	0	12	
OLYM0327	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/19/76-08/26/76	0	3	
OLYM0349	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	0	2	
OLYM0350	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/76-08/25/76	0	2	
OLYM0351	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	0	2	
OLYM0352	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	0	1	
OLYM0360	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/25/76	0	2	
OLYM0361	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/26/76	0	3	
OLYM0365	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/25/76	0	2	
OLYM0368	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/76-08/26/76	0	3	
OLYM0369	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	0	1	
OLYM0372	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/26/76	0	3	
OLYM0374	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	0	7	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0375	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	0	2	
OLYM0379	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	0	9	
OLYM0381	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	0	1	
OLYM0382	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	0	1	
OLYM0383	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	0	1	
OLYM0384	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	0	10	
OLYM0385	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	0	4	
OLYM0389	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	0	3	
OLYM0390	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	0	5	
OLYM0008	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	7	69	
OLYM0151	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	0	1	
OLYM0152	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	0	1	
OLYM0153	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/18/76-05/11/77	0	2	
OLYM0154	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	0	1	
OLYM0155	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	04/08/94-04/22/94	0	3	
OLYM0156	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/18/76-05/11/77	0	2	
OLYM0157	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	0	1	
OLYM0158	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/18/76-05/11/77	0	2	
OLYM0164	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	12/01/76-05/15/79	2	12	
OLYM0165	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	17	75	
OLYM0166	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	04/07/94-04/21/94	0	3	
OLYM0167	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	04/15/94-04/21/94	0	2	
OLYM0176	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	9	80	
OLYM0214	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/77-04/30/80	2	16	
OLYM0239	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0240	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0241	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0242	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0244	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-05/01/80	2	17	
OLYM0250	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0251	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0253	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0257	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/20/78-08/08/79	1	6	
OLYM0258	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	15	75	
OLYM0259	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0260	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0261	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0262	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0264	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0266	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0267	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0271	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0273	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0274	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0277	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0278	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0281	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0282	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0283	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0284	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0286	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0287	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0288	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/01/78-06/01/78	0	1	
OLYM0289	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/29/78-05/22/79	1	7	
OLYM0290	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0291	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0292	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0293	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/29/78-05/22/79	1	7	
OLYM0294	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	0	1	
OLYM0295	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0296	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0297	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0298	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0299	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	0	1	
OLYM0300	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0301	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0302	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0303	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0304	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0305	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0306	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0307	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0308	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0310	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0311	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0312	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0313	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0314	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0315	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0316	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0317	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0318	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0320	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0321	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0322	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0323	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0324	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0326	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0327	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	0	3	
OLYM0328	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0330	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0332	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0334	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0336	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0337	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0348	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	0	1	
OLYM0349	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	0	1	
OLYM0350	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/18/77	0	2	
OLYM0360	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/18/77	0	2	
OLYM0361	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	0	3	
OLYM0365	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	0	3	
OLYM0368	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	0	3	
OLYM0372	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	0	3	
OLYM0164	No	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	12/01/76-09/21/77	0	5	
OLYM0257	No	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	06/20/78-06/20/78	0	1	
OLYM0165	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	9	71	
OLYM0176	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	9	78	
OLYM0257	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/20/78-08/08/79	1	6	
OLYM0258	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	15	75	
OLYM0165	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/74-10/26/76	1	17	
OLYM0176	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/13/73-10/20/76	2	34	
OLYM0349	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	0	2	
OLYM0351	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	0	2	
OLYM0369	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	0	1	
OLYM0374	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	0	4	
OLYM0375	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	0	2	
OLYM0379	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	0	3	
OLYM0389	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	0	2	
OLYM0390	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	0	4	
OLYM0176	Yes	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	10/08/80-10/08/80	0	1	
OLYM0001	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/08/78-06/08/78	0	1	
OLYM0155	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/08/78-06/08/78	0	1	
OLYM0155	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0155	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	32104	BROMOFORM,WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	32104	BROMOFORM,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	32104	BROMOFORM,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	32104	BROMOFORM,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0393	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	32106	CHLOROFORM,WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	32106	CHLOROFORM,WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	32106	CHLOROFORM,WHOLE WATER,UG/L	06/08/78-06/08/78	0	1	
OLYM0155	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	32106	CHLOROFORM,WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	32106	CHLOROFORM,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	32106	CHLOROFORM,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	32106	CHLOROFORM,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0184	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	0	60	
OLYM0185	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	0	6	
OLYM0187	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	0	6	
OLYM0190	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	0	6	
OLYM0193	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	0	6	
OLYM0196	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	0	57	
OLYM0210	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	0	6	
OLYM0215	Yes	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	0	6	
OLYM0146	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/13/77-06/13/77	0	1	
OLYM0364	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/31/75-10/29/75	0	2	
OLYM0386	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/31/75-10/29/75	0	3	
OLYM0392	Yes	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/31/75-10/29/75	0	3	
OLYM0165	No	32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	04/14/75-08/25/76	1	3	
OLYM0009	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	4	12	
OLYM0049	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	4	15	
OLYM0059	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	4	15	
OLYM0068	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	4	15	
OLYM0093	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	4	14	
OLYM0129	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	4	15	
OLYM0147	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/15/68-07/15/68	0	3	
OLYM0165	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	04/14/75-08/25/76	1	3	
OLYM0178	No	32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	4	15	
OLYM0001	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0150	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/08/78-06/08/78	0	1	
OLYM0001	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/27/80-03/27/80	0	1	
OLYM0149	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/08/78-06/08/78	0	1	
OLYM0155	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/17/94-04/21/94	0	2	
OLYM0393	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0397	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	0	1	
OLYM0001	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/27/80-03/27/80	0	1	
OLYM0149	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/08/78-06/08/78	0	1	
OLYM0155	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/17/94-04/21/94	0	2	
OLYM0393	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	0	1	
OLYM0001	No	34200	ACENAPHTHYLENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34200	ACENAPHTHYLENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34200	ACENAPHTHYLENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34200	ACENAPHTHYLENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34200	ACENAPHTHYLENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34205	ACENAPHTHENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34205	ACENAPHTHENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34205	ACENAPHTHENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34205	ACENAPHTHENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34205	ACENAPHTHENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34210	ACROLEIN TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34210	ACROLEIN TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0001	No	34213	ACROLEIN DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34213	ACROLEIN DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34215	ACRYLONITRILE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34215	ACRYLONITRILE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0001	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34220	ANTHRACENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34220	ANTHRACENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34220	ANTHRACENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34220	ANTHRACENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34220	ANTHRACENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34223	ANTHRACENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34223	ANTHRACENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34237	BENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34237	BENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34247	BENZO-A-PYRENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34247	BENZO-A-PYRENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34247	BENZO-A-PYRENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34247	BENZO-A-PYRENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34247	BENZO-A-PYRENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/06/78-06/06/78	0	1	
OLYM0393	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0015	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0001	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34290	BROMOFORM DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34290	BROMOFORM DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34301	CHLOROBENZENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34301	CHLOROBENZENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	34301	CHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34301	CHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34301	CHLOROBENZENE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34301	CHLOROBENZENE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34301	CHLOROBENZENE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34301	CHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34301	CHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34301	CHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0203	Yes	34306	CHLORODIBROMOMETHANE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0001	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34311	CHLOROETHANE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34311	CHLOROETHANE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0203	Yes	34311	CHLOROETHANE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34311	CHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34311	CHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34311	CHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34318	CHLOROFORM DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34318	CHLOROFORM DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34320	CHRYSENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34320	CHRYSENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34320	CHRYSENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34320	CHRYSENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34320	CHRYSENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34323	CHRYSENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34323	CHRYSENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0015	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34336	DIETHYL PHTHALATE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34336	DIETHYL PHTHALATE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34336	DIETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34336	DIETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34336	DIETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34341	DIMETHYL PHTHALATE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34341	DIMETHYL PHTHALATE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34341	DIMETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34341	DIMETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34341	DIMETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0001	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0393	No	34351	ENDOSULFAN SULFATE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34351	ENDOSULFAN SULFATE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34351	ENDOSULFAN SULFATE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34356	ENDOSULFAN, BETA TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34356	ENDOSULFAN, BETA TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34356	ENDOSULFAN, BETA TOTWUG/L	06/06/78-06/06/78	0	1	
OLYM0393	No	34356	ENDOSULFAN, BETA TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34356	ENDOSULFAN, BETA TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34356	ENDOSULFAN, BETA TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	06/06/78-06/06/78	0	1	
OLYM0393	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34366	ENDRIN ALDEHYDE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34366	ENDRIN ALDEHYDE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34366	ENDRIN ALDEHYDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34366	ENDRIN ALDEHYDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34366	ENDRIN ALDEHYDE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34371	ETHYLBENZENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34371	ETHYLBENZENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34371	ETHYLBENZENE TOTWUG/L	06/08/78-06/08/78	0	1	
OLYM0155	No	34371	ETHYLBENZENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34371	ETHYLBENZENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34371	ETHYLBENZENE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34371	ETHYLBENZENE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0393	No	34371	ETHYLBENZENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34371	ETHYLBENZENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34371	ETHYLBENZENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34376	FLUORANTHENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34376	FLUORANTHENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34376	FLUORANTHENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34376	FLUORANTHENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34376	FLUORANTHENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34381	FLUORENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34381	FLUORENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34381	FLUORENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34381	FLUORENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34381	FLUORENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34384	FLUORENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34384	FLUORENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/28/80-03/28/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0015	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0393	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0395	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0397	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	08/22/89-08/22/89	0	3	
OLYM0073	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	10/21/87-10/21/87	0	1	
OLYM0001	No	34396	HEXACHLOROETHANE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34396	HEXACHLOROETHANE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34396	HEXACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34396	HEXACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34396	HEXACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34408	ISOPHORONE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34408	ISOPHORONE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34408	ISOPHORONE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34408	ISOPHORONE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34408	ISOPHORONE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34411	ISOPHORONE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34411	ISOPHORONE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34413	METHYL BROMIDE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34413	METHYL BROMIDE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34413	METHYL BROMIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34413	METHYL BROMIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34413	METHYL BROMIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34418	METHYL CHLORIDE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34418	METHYL CHLORIDE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0203	Yes	34418	METHYL CHLORIDE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34418	METHYL CHLORIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34418	METHYL CHLORIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34418	METHYL CHLORIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34423	METHYLENE CHLORIDE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34423	METHYLENE CHLORIDE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34423	METHYLENE CHLORIDE TOTWUG/L	06/08/78-06/08/78	0	1	
OLYM0155	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34423	METHYLENE CHLORIDE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34423	METHYLENE CHLORIDE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34423	METHYLENE CHLORIDE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34423	METHYLENE CHLORIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34423	METHYLENE CHLORIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34423	METHYLENE CHLORIDE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0015	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0001	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34447	NITROBENZENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34447	NITROBENZENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34447	NITROBENZENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34447	NITROBENZENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34447	NITROBENZENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34450	NITROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34450	NITROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34461	PHENANTHRENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34461	PHENANTHRENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34461	PHENANTHRENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34461	PHENANTHRENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34461	PHENANTHRENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34469	PYRENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34469	PYRENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34469	PYRENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34469	PYRENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34469	PYRENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34472	PYRENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34472	PYRENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34475	TETRACHLOROETHYLENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34475	TETRACHLOROETHYLENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34475	TETRACHLOROETHYLENE TOTWUG/L	06/08/78-06/08/78	0	1	
OLYM0155	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34475	TETRACHLOROETHYLENE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34475	TETRACHLOROETHYLENE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34475	TETRACHLOROETHYLENE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34475	TETRACHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34475	TETRACHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34475	TETRACHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34480	THALLIUM DRY WGTBOTMG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34480	THALLIUM DRY WGTBOTMG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34483	TOLUENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34483	TOLUENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0393	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34496	1,1-DICHLOROETHANE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34496	1,1-DICHLOROETHANE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34496	1,1-DICHLOROETHANE TOTWUG/L	06/08/78-06/08/78	0	1	
OLYM0155	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/22/94-04/22/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0166	Yes	34496	1,1-DICHLOROETHANE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34496	1,1-DICHLOROETHANE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34496	1,1-DICHLOROETHANE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34496	1,1-DICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34496	1,1-DICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34496	1,1-DICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/08/78-06/08/78	0	1	
OLYM0155	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0203	Yes	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0203	Yes	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34536	1,2-DICHLOROBENZENE TOTWUG/L	06/26/91-06/26/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0393	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0395	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0397	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	3	
OLYM0001	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34541	1,2-DICHLOROPROPANE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0395	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0397	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	3	
OLYM0001	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0073	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	10/21/87-10/21/87	0	1	
OLYM0001	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34566	1,3-DICHLOROBENZENE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0395	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0397	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	3	
OLYM0001	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	34571	1,4-DICHLOROBENZENE TOTWUG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0395	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0397	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	0	3	
OLYM0001	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0001	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0001	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34586	2-CHLOROPHENOL TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34586	2-CHLOROPHENOL TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34586	2-CHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34586	2-CHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34586	2-CHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34591	2-NITROPHENOL TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34591	2-NITROPHENOL TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34591	2-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34591	2-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34591	2-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	06/06/78-06/06/78	0	1	
OLYM0393	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0171	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	04/23/94-04/23/94	0	1	
OLYM0172	Yes	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	04/08/94-04/08/94	0	1	
OLYM0001	No	34611	2,4-DINITROTOLUENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34611	2,4-DINITROTOLUENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34611	2,4-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34611	2,4-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34611	2,4-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34616	2,4-DINITROPHENOL TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34616	2,4-DINITROPHENOL TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34616	2,4-DINITROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34616	2,4-DINITROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34616	2,4-DINITROPHENOL TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/06/78-06/06/78	0	1	
OLYM0393	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34626	2,6-DINITROTOLUENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34626	2,6-DINITROTOLUENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34626	2,6-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34626	2,6-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34626	2,6-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0001	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34646	4-NITROPHENOL TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34646	4-NITROPHENOL TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34646	4-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34646	4-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34646	4-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/17/94-04/21/94	0	2	
OLYM0393	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0053	No	34670	PCB - 1260 WET WGTTISMG/KG	10/21/87-10/21/87	0	2	
OLYM0001	No	34671	PCB - 1016 TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34671	PCB - 1016 TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34671	PCB - 1016 TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34671	PCB - 1016 TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34671	PCB - 1016 TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0001	No	34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	03/27/80-03/27/80	0	1	
OLYM0073	No	34685	ENDRIN WET WGTTISMG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	34687	HEPTACHLOR WET WGTTISMG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/21/87-10/21/87	0	1	
OLYM0001	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/06/78-06/06/78	0	1	
OLYM0393	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34696	NAPHTHALENE TOTWUG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34696	NAPHTHALENE TOTWUG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34696	NAPHTHALENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0395	No	34696	NAPHTHALENE TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0397	No	34696	NAPHTHALENE TOTWUG/L	08/22/89-08/22/89	0	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0001	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0073	No	34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	10/21/87-10/21/87	0	1	
OLYM0008	Yes	34790	SURFACTANTS, AS CTAS, WATER MG/L	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34795	ANTIMONY,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34800	ARSENIC,SED,BOT,WET SIEVE,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34805	BARIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34810	BERYLLIUM,SED,BOT,WET SIEVE,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34816	BISMUTH,SED,BOT,WET SIEVE,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34825	CADMIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34830	CALCIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34835	CERIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34840	CHROMIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34845	COBALT,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34850	COPPER,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34855	EUROPIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34860	GALLIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34870	GOLD,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34875	HOLMIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34880	IRON,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34885	LANTHANUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34890	LEAD,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34895	LITHIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34900	MAGNESIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34905	MANGANESE,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34910	MERCURY,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34915	MOLYBDENUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34920	NEODYMIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34925	NICKEL,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34930	NIOBIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34935	PHOSPHORUS,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34940	POTASSIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34945	SCANDIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34950	SELENIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34955	SILVER,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34960	SODIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34965	STRONTIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34970	SULFUR,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34975	TANTALUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34980	THORIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	34985	TIN,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	35000	URANIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	35005	VANADIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	35010	YTTRIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	35015	YTTERBIUM,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0008	Yes	35020	ZINC,SED,BOT,	09/28/95-09/28/95	0	1	
OLYM0393	No	38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	08/22/89-08/22/89	0	1	
OLYM0203	Yes	38680	CHLOROTOLUENE,2-, TOTAL, WATER UG/L	06/26/91-06/26/91	0	1	
OLYM0073	No	38824	ISOPROPALIN TISWETWGTMG/KG	10/21/87-10/21/87	0	1	
OLYM0165	No	39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	08/25/76-02/21/78	1	4	
OLYM0001	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/06/78-06/06/78	0	1	
OLYM0393	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	2	
OLYM0155	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	03/17/82-04/22/94	12	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0166	Yes	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	02/14/79-12/09/81	2	3	
OLYM0001	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	03/27/80-03/27/80	0	1	
OLYM0073	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/21/87-10/21/87	0	1	
OLYM0073	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/21/87-10/21/87	0	1	
OLYM0073	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/21/87-10/21/87	0	1	
OLYM0001	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	03/28/80-03/28/80	0	1	
OLYM0015	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	03/27/80-03/27/80	0	1	
OLYM0008	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/28/95-04/11/97	1	19	
OLYM0155	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/08/94-04/22/94	0	3	
OLYM0165	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/15/94-04/21/94	0	2	
OLYM0258	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/17/87-07/20/93	5	21	
OLYM0001	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	06/06/78-06/06/78	0	1	
OLYM0393	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	06/06/78-06/06/78	0	1	
OLYM0393	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0001	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	03/28/80-03/28/80	0	1	
OLYM0015	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	03/27/80-03/27/80	0	1	
OLYM0001	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	0	1	
OLYM0001	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/08/78-06/08/78	0	1	
OLYM0155	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	0	1	
OLYM0155	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	03/17/82-04/22/94	12	2	
OLYM0166	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	05/26/76-12/09/81	5	5	
OLYM0171	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/05/80-08/05/80	0	1	
OLYM0001	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0393	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	2	
OLYM0001	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/28/80-03/28/80	0	1	
OLYM0015	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/27/80-03/27/80	0	1	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0053	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	0	2	
OLYM0001	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0393	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	2	
OLYM0001	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/28/80-03/28/80	0	1	
OLYM0015	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/27/80-03/27/80	0	1	
OLYM0053	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	0	2	
OLYM0073	No	39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0001	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0393	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	2	
OLYM0001	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/28/80-03/28/80	0	1	
OLYM0015	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/27/80-03/27/80	0	1	
OLYM0053	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/21/87-10/21/87	0	2	
OLYM0073	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/21/87-10/21/87	0	1	
OLYM0001	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0155	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0393	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	2	
OLYM0001	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/28/80-03/28/80	0	1	
OLYM0015	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	9	
OLYM0073	No	39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0001	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/28/80-03/28/80	0	1	
OLYM0015	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/27/80-03/27/80	0	1	
OLYM0149	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/06/78-06/06/78	0	1	
OLYM0393	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	0	1	
OLYM0395	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	0	1	
OLYM0397	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	0	2	
OLYM0001	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/28/80-03/28/80	0	1	
OLYM0015	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/27/80-03/27/80	0	1	
OLYM0393	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	0	1	
OLYM0395	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	0	1	
OLYM0397	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	0	2	
OLYM0073	No	39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0001	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0149	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/06/78-06/06/78	0	1	
OLYM0155	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/17/73-12/09/81	7	8	
OLYM0393	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	03/27/80-03/27/80	0	1	
OLYM0171	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/02/70-08/05/80	9	9	
OLYM0073	No	39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0001	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/27/80-03/27/80	0	1	
OLYM0155	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	12/17/73-12/09/81	7	8	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0393	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	03/27/80-03/27/80	0	1	
OLYM0171	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/02/70-08/05/80	9	9	
OLYM0073	No	39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0155	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0171	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	9	
OLYM0155	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0171	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	9	
OLYM0155	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0171	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	9	
OLYM0149	No	39377	DDT TOTAL IN TISSUE, FAT BASIS (UG/G)	06/06/78-06/06/78	0	1	
OLYM0001	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0155	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0393	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	2	
OLYM0001	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/28/80-03/28/80	0	1	
OLYM0015	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/02/70-08/05/80	9	9	
OLYM0155	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/17/82-04/22/94	12	2	
OLYM0166	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/14/77-12/09/81	4	5	
OLYM0171	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/05/80-08/05/80	0	1	
OLYM0001	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0155	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0393	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	2	
OLYM0001	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/28/80-03/28/80	0	1	
OLYM0015	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0176	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	9	
OLYM0165	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	6	16	
OLYM0176	Yes	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/26/76-12/09/81	5	5	
OLYM0001	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0155	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/03/75-12/09/81	6	7	
OLYM0393	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	2	
OLYM0001	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/28/80-03/28/80	0	1	
OLYM0015	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/03/75-08/05/80	5	7	
OLYM0073	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	0	1	
OLYM0073	No	39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0001	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0149	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/06/78-06/06/78	0	1	
OLYM0155	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0393	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	2	
OLYM0001	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	03/28/80-03/28/80	0	1	
OLYM0015	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	9	
OLYM0001	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0155	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0393	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	2	
OLYM0001	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	03/28/80-03/28/80	0	1	
OLYM0015	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/02/70-08/05/80	9	9	
OLYM0155	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	18	16	
OLYM0166	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/05/80-12/09/81	1	2	
OLYM0171	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/05/80-08/05/80	0	1	
OLYM0001	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0001	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	0	1	
OLYM0165	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/80-08/13/80	0	2	
OLYM0393	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	0	1	
OLYM0015	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	0	1	
OLYM0393	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	2	
OLYM0001	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/27/80-03/27/80	0	1	
OLYM0001	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	03/28/80-03/28/80	0	1	
OLYM0015	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	03/27/80-03/27/80	0	1	
OLYM0155	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/21/78-04/22/94	16	7	
OLYM0166	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0171	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/17/73-08/05/80	6	8	
OLYM0165	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	6	16	
OLYM0176	Yes	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	7	
OLYM0176	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-09/02/70	0	1	
OLYM0165	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	6	16	
OLYM0176	Yes	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	7	
OLYM0176	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-09/02/70	0	1	
OLYM0165	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	6	16	
OLYM0176	Yes	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	7	
OLYM0176	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-09/02/70	0	1	
OLYM0165	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	6	16	
OLYM0176	Yes	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	7	
OLYM0176	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	09/02/70-09/02/70	0	1	
OLYM0165	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	12/22/75-02/21/78	2	6	
OLYM0001	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	0	1	
OLYM0393	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0395	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	1	
OLYM0397	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	0	2	
OLYM0001	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	03/28/80-03/28/80	0	1	
OLYM0015	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	03/27/80-03/27/80	0	1	
OLYM0001	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	03/28/80-03/28/80	0	1	
OLYM0015	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	03/27/80-03/27/80	0	1	
OLYM0001	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0155	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/22/75-04/22/94	18	10	
OLYM0166	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0171	Yes	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0155	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/22/75-04/22/94	18	10	
OLYM0166	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0171	Yes	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0155	No	39755	MIREX, TOTAL (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39755	MIREX, TOTAL (UG/L)	03/17/82-04/22/94	12	2	
OLYM0166	Yes	39755	MIREX, TOTAL (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39755	MIREX, TOTAL (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39755	MIREX, TOTAL (UG/L)	06/12/78-12/09/81	3	4	
OLYM0171	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0176	Yes	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/05/80-08/05/80	0	1	
OLYM0155	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	0	1	
OLYM0165	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	12/22/75-04/22/94	18	10	
OLYM0166	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	0	1	
OLYM0167	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	0	2	
OLYM0176	Yes	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	8	
OLYM0171	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	0	1	
OLYM0073	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0165	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	6	16	
OLYM0176	Yes	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/26/76-12/09/81	5	5	
OLYM0165	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	6	16	
OLYM0176	Yes	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/26/76-12/09/81	5	5	
OLYM0073	No	46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	10/21/87-10/21/87	0	1	
OLYM0333	No	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	02/02/94-11/30/94	0	14	
OLYM0335	No	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	02/01/94-10/18/94	0	11	
OLYM0339	No	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	12/16/93-11/30/94	0	15	
OLYM0345	No	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	12/15/93-10/18/94	0	12	
OLYM0356	No	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	12/16/93-11/30/94	0	15	
OLYM0396	No	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	12/16/93-11/30/94	0	14	
OLYM0402	Yes	46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	12/16/93-11/30/94	0	15	
OLYM0008	Yes	49237	ALUMINUM, DRY WEIGHT, TISSUE/BIOTA,RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49238	BARIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49239	BORON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49240	CHROMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49241	COPPER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49242	IRON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49243	MANGANESE, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49244	STRONTIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49245	ZINC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49246	ANTIMONY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49247	ARSENIC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49248	BERYLLIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49249	CADMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49250	COBALT, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49251	LEAD, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49252	MOLYBDENUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49253	NICKEL, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49254	SELENIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49255	SILVER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49257	URANIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49258	MERCURY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49261	ALPHA-BHC,D6, WET WT.,TISSUE,WHOLE ORG,RECV %	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49264	BIPHENYL,3,5-DICHLORO-,WET WT,TISS,WHL ORG,RECV %	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49270	CARBON,INORGANIC, DRY WT,SEDIMENT,RECV,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49271	CARBON,ORGANIC,DRY WT,SEDIMENT,RECV,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49272	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49273	WATER PRESENT,DRY WT,TISSUE/BIOTA,LIVER,RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49274	TITANIUM, DRY WT, SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49275	ALPHA-BHC,D6, DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49276	OCTACHLOROBIPHENYL,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49277	BIPHENYL,3,5-DICHLORO-,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49278	TERPHENYL,D14-,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49279	BIPHENYL, 2-FLUORO,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49280	BENZENE,NITRO-,D5,DRY WT,SIEVE	09/28/95-09/28/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0008	Yes	49289	LIPIDS, WET WEIGHT, TISSUE, WHOLE ORGANISM,RECV %	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49316	NONACHLOR,CIS-,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49317	NONACHLOR,TRANS-,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49318	OXYCHLORDANE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49319	ALDRIN,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49320	CHLORDANE, CIS-,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49321	CHLORDANE,TRANS-,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49322	CHLORONEB,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49324	DCPA,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49325	DDD,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49326	DDD,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49327	DDE,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49328	DDE,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49329	DDT,O,P'-,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49330	DDT,P,P'-,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49331	DIELDRIN,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49332	ENDOSULFAN I,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49335	ENDRIN,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49338	ALPHA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49339	BETA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49341	HEPTACHLOR,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49342	HEPTACHLOR EPOXIDE,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49343	HEXACHLOROBENZENE,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49344	ISODRIN,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49345	LINDANE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49346	METHOXYCHLOR,P,P'-,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49347	METHOXYCHLOR,O,P'-,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49348	MIREX,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49349	PERMETHRIN,CIS-,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49350	PERMETHRIN,TRANS-,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49351	TOXAPHENE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49353	ALDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49354	PCB, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49355	TOXAPHENE, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49356	PENTACHLOROANISOLE,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49357	OXYCHLORDANE,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49358	NONACHLOR,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49359	NONACHLOR,CIS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49360	MIREX,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49361	METHOXYCHLOR,P,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49362	METHOXYCHLOR,O,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49363	LINDANE,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49364	DELTA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49365	BETA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49366	ALPHA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49367	HEXACHLOROBENZENE,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49368	HEPTACHLOR EPOXIDE,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49369	HEPTACHLOR,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49370	ENDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49371	DIELDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49372	DDE,P,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49373	DDE,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49374	DDD,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49375	DDD,P,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49376	DDT,P,P',WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49377	DDT,O,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49378	DCPA,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49379	CHLORDANE,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49380	CHLORDANE,CIS-,WET WEIGHT,TISS,WHOLE ORG,RECVUG/KG	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49381	DIBUTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49382	DIOCTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49383	DIETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49384	DIMETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49387	PYRENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49388	METHYLPYRENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49389	METHYLBENZO(A)PYRENE,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49390	METHYLINDENO(1,2,3-CD)PYRENE,DRY WT,SEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49391	BIQUINOLINE,2,2'-,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49392	QUINOLINE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49393	PHENANTHRIDINE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49394	ISOQUINOLINE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49395	TOLUENE, 2,4-DINITRO-,DRY WEIGHT,SIEVE	09/28/95-09/28/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0008	Yes	49396	TOLUENE, 2,6-DINITRO-,DRY WEIGHT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49397	BENZO(K)FLUORANTHENE,DRY WEIGHT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49398	METHYL-9H-FLUORENE,DRY WEIGHT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49399	FLUORENE,9H-,DRY WEIGHT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49400	ISOPHORONE,DRY WEIGHT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49401	METHANE, BIS(2-CHLOROETHOXY),DRY WT,SEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49402	NAPHTHALENE, DRY WEIGHT, SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49403	NAPHTHALENE, 1,2-DIMETHYL-,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49404	NAPHTHALENE, 1,6-DIMETHYL-,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49405	NAPHTHALENE, 2,3,6-TRIMETHYL-,DRY WT,SEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49406	NAPHTHALENE, 2,6-DIMETHYL-,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49407	NAPHTHALENE, 2-CHLORO-,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49408	BENZO(G,H,I)PERYLENE,DRY WEIGHT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49409	PHENANTHRENE,DRY WEIGHT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49410	METHYLPHENANTHRENE,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49411	CYCLOPENTA(DEF)PHENANTHRENE, 4H-,DRY WT,SEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49413	PHENOL,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49419	PHENOL, 2-METHYL-4,6-DINITRO-,DRY WT,SEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49421	XYLENOL, 3,5-,DRY WEIGHT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49422	M-CRESOL, 4-CHLORO-,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49424	PHENOL, C8-ALKYL-,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49426	PHTHALATE, BIS(2-ETHYLHEXYL)-,DRY WT,SEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49427	PHTHALATE, BUTYL BENZYL, DRY WT,SED,SEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49428	ACENAPHTHYLENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49429	ACENAPHTHENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49430	ACRIDINE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49431	N-NITROSO-DIPROPYLAMINE,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49433	N-NITROSO-DIPHENYLAMINE,DRY WT,SED,SEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49434	ANTHRACENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49435	ANTHRACENE, 2-METHYL-,DRY WEIGHT,SED,SEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49436	BENZ(A)ANTHRACENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49437	ANTHRAQUINONE, 9, 10-,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49438	BENZENE, 1,2,4-TRICHLORO-,DRY WT,SED,SEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49439	BENZENE, O-DICHLORO-,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49441	BENZENE, M-DICHLORO-,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49442	BENZENE, P-DICHLORO-,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49443	AZOBENZENE,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49444	BENZENE, NITRO-,DRY WT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49446	BENZENE,PENTACHLORONITRO-,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49449	CARBAZOLE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49450	CHRYSENE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49451	P-CRESOL,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49452	DIBENZOTHIOPHENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49454	BROMOPHENYL, 4-PHENYL ETHER,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49455	CHLOROPHENYL,4-PHENYL ETHER,SED,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49458	BENZO(B)FLUORANTHENE,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49459	PCB,DRY WEIGHT,BED MATERIAL,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49460	PENTACHLOROANISOLE,DRY WT,BED MAT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49461	DIBENZ(A,H)ANTHRACENE,DRY WT,SIEVE	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49465	VANADIUM,BIOTA,TISSUE,LIVER,DRY WEIGHT,RECV UG/G	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49466	FLUORANTHENE,SED,BED MAT,WET SIEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49467	PHENOL, O-CHLORO,SED,BED MAT,WETSEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49468	BENZO(C)CINNOLINE,SED,BED MAT,WETSEV	09/28/95-09/28/95	0	1	
OLYM0008	Yes	49490	VISUAL OBSERVATION, SUSPENDED, WATER CODE	09/28/95-09/28/95	0	1	
OLYM0203	Yes	49547	BROMOMETHANE, TOTAL, WATER UG/L	06/26/91-06/26/91	0	1	
OLYM0028	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	10/02/72-10/31/72	0	7	
OLYM0060	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	10/30/72-11/05/72	0	7	
OLYM0198	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/13/94-08/17/94	0	3	
OLYM0199	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/13/94-08/17/94	0	3	
OLYM0200	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/13/94-08/17/94	0	3	
OLYM0201	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/13/94-08/17/94	0	3	
OLYM0211	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/13/94-08/17/94	0	3	
OLYM0198	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	07/13/94-08/17/94	0	3	
OLYM0199	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	07/13/94-08/17/94	0	3	
OLYM0200	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	07/13/94-08/17/94	0	3	
OLYM0201	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	07/13/94-08/17/94	0	3	
OLYM0211	Yes	50064	CHLORINE, FREE AVAILABLE (MG/L)	07/13/94-08/17/94	0	3	
OLYM0188	Yes	50938	ANION - CATION RATIO	06/28/95-06/28/95	0	1	
OLYM0192	Yes	50938	ANION - CATION RATIO	08/16/95-08/16/95	0	1	
OLYM0194	Yes	50938	ANION - CATION RATIO	07/13/95-07/13/95	0	1	
OLYM0197	Yes	50938	ANION - CATION RATIO	08/17/95-08/17/95	0	1	
OLYM0202	Yes	50938	ANION - CATION RATIO	07/05/95-07/05/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0212	Yes	50938	ANION - CATION RATIO	08/17/95-08/17/95	0	1	
OLYM0232	Yes	50938	ANION - CATION RATIO	07/27/95-03/18/97	1	3	
OLYM0237	Yes	50938	ANION - CATION RATIO	06/27/95-10/18/96	1	2	
OLYM0243	Yes	50938	ANION - CATION RATIO	06/27/95-06/27/95	0	1	
OLYM0275	Yes	50938	ANION - CATION RATIO	07/25/95-10/12/97	2	2	
OLYM0276	Yes	50938	ANION - CATION RATIO	07/26/95-10/12/97	2	3	
OLYM0285	Yes	50938	ANION - CATION RATIO	07/24/95-10/12/97	2	3	
OLYM0309	Yes	50938	ANION - CATION RATIO	07/11/95-03/19/97	1	2	
OLYM0319	Yes	50938	ANION - CATION RATIO	07/12/95-07/12/95	0	1	
OLYM0367	Yes	50938	ANION - CATION RATIO	08/09/95-10/11/96	1	2	
OLYM0387	Yes	50938	ANION - CATION RATIO	06/21/95-03/17/97	1	2	
OLYM0388	Yes	50938	ANION - CATION RATIO	06/21/95-03/17/97	1	2	
OLYM0398	Yes	50938	ANION - CATION RATIO	08/07/95-06/01/97	1	3	
OLYM0404	Yes	50938	ANION - CATION RATIO	08/07/95-01/07/97	1	3	
OLYM0405	Yes	50938	ANION - CATION RATIO	08/07/95-01/06/97	1	2	
OLYM0165	No	60050	ALGAE, TOTAL (CELLS/ML)	11/21/74-09/09/81	6	35	
OLYM0258	No	60050	ALGAE, TOTAL (CELLS/ML)	03/23/78-09/11/81	3	14	
OLYM0006	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/27/85-09/27/85	0	1	
OLYM0183	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/25/85-09/25/85	0	1	
OLYM0186	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/29/85-09/29/85	0	1	
OLYM0189	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/29/85-09/29/85	0	1	
OLYM0165	No	70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	07/22/76-07/22/76	0	1	
OLYM0003	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/60-08/01/61	1	8	
OLYM0008	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/13/96-04/11/97	1	17	
OLYM0151	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/77-05/11/77	0	1	
OLYM0152	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/77-05/11/77	0	1	
OLYM0154	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/77-05/11/77	0	1	
OLYM0157	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/77-05/11/77	0	1	
OLYM0162	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/09/59-11/12/68	9	30	
OLYM0164	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/74-09/12/79	4	21	
OLYM0165	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	26	121	T,S
OLYM0176	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	20	161	T
OLYM0188	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/28/95-06/28/95	0	1	
OLYM0191	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/67-09/20/67	0	1	
OLYM0192	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/95-08/16/95	0	1	
OLYM0194	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/13/95-07/13/95	0	1	
OLYM0197	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/95-08/17/95	0	1	
OLYM0202	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/05/95-07/05/95	0	1	
OLYM0204	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/30/54-11/30/54	0	1	
OLYM0207	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/68-01/27/68	0	1	
OLYM0212	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/95-08/17/95	0	1	
OLYM0213	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/06/59-09/17/69	10	9	
OLYM0214	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/47-06/05/70	22	23	S
OLYM0216	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/67-09/20/67	0	1	
OLYM0217	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/60-09/05/61	1	15	
OLYM0229	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/60-06/09/70	9	33	
OLYM0232	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/95-03/18/97	1	3	
OLYM0237	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/27/95-10/18/96	1	2	
OLYM0238	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/12/68-06/25/68	0	2	
OLYM0243	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/27/95-06/27/95	0	1	
OLYM0244	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/01/61-06/04/80	18	19	
OLYM0245	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/19/60-09/05/61	1	15	
OLYM0246	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/19/60-07/19/60	0	1	
OLYM0247	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/12/68-06/25/68	0	2	
OLYM0257	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/20/78-12/11/80	2	7	
OLYM0258	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/31/78-07/20/93	15	78	
OLYM0263	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/19/60-06/04/70	9	32	
OLYM0272	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/12/68-06/25/68	0	2	
OLYM0275	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/25/95-10/12/97	2	2	
OLYM0276	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/26/95-10/12/97	2	3	
OLYM0285	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/95-10/12/97	2	3	
OLYM0288	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/01/78-06/01/78	0	1	
OLYM0309	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/11/95-03/19/97	1	2	
OLYM0319	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/95-07/12/95	0	1	
OLYM0341	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/67-09/19/67	0	1	
OLYM0343	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/67-09/19/67	0	1	
OLYM0362	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/67-09/15/67	0	1	
OLYM0367	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/95-10/11/96	1	2	
OLYM0387	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/95-03/17/97	1	2	
OLYM0388	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/95-03/17/97	1	2	
OLYM0398	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/95-06/01/97	1	3	
OLYM0399	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/09/59-07/17/61	2	9	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0404	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/95-01/07/97	1	3	
OLYM0405	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/95-01/06/97	1	2	
OLYM0151	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/11/77-05/11/77	0	1	
OLYM0152	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/11/77-05/11/77	0	1	
OLYM0154	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/11/77-05/11/77	0	1	
OLYM0157	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/11/77-05/11/77	0	1	
OLYM0165	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	16	73	
OLYM0176	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	17	130	T
OLYM0191	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/27/68-01/27/68	0	1	
OLYM0214	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/14/68-07/17/79	10	4	
OLYM0216	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/67-09/20/67	0	1	
OLYM0221	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/78-09/19/78	0	1	
OLYM0229	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/60-06/09/70	9	33	
OLYM0235	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/78-09/19/78	0	1	
OLYM0238	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/25/68-06/25/68	0	1	
OLYM0244	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/19/67-06/04/80	12	6	
OLYM0246	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/78-09/19/78	0	1	
OLYM0247	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/25/68-06/25/68	0	1	
OLYM0250	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/78-09/20/78	0	1	
OLYM0257	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/20/78-08/08/79	1	6	
OLYM0258	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/31/78-11/13/85	7	34	
OLYM0263	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/19/67-06/04/70	2	3	
OLYM0266	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/78-09/20/78	0	1	
OLYM0277	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/78-09/20/78	0	1	
OLYM0288	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/01/78-06/01/78	0	1	
OLYM0289	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/79-05/22/79	0	1	
OLYM0293	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/79-05/22/79	0	1	
OLYM0294	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/78-09/20/78	0	1	
OLYM0299	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/24/76-08/24/76	0	1	
OLYM0314	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/25/76-08/25/76	0	1	
OLYM0341	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/67-09/19/67	0	1	
OLYM0348	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/24/76-08/24/76	0	1	
OLYM0362	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/15/67-09/15/67	0	1	
OLYM0400	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/19/76-02/20/76	0	4	
OLYM0165	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	21	88	T
OLYM0176	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	13	131	
OLYM0214	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	09/13/47-07/17/79	31	21	S
OLYM0229	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/18/60-06/15/64	3	23	
OLYM0244	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	11/01/61-07/18/79	17	15	
OLYM0257	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	06/20/78-06/20/78	0	1	
OLYM0258	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	01/31/78-09/11/81	3	30	
OLYM0289	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/79-05/22/79	0	1	
OLYM0293	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/79-05/22/79	0	1	
OLYM0151	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/11/77-05/11/77	0	1	
OLYM0152	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/11/77-05/11/77	0	1	
OLYM0154	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/11/77-05/11/77	0	1	
OLYM0157	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/11/77-05/11/77	0	1	
OLYM0165	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	23	97	T,S
OLYM0176	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	16	146	T
OLYM0213	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-07/29/66	0	1	
OLYM0214	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/13/47-07/17/79	31	22	S
OLYM0221	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/78-09/19/78	0	1	
OLYM0229	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/60-06/09/70	9	33	
OLYM0235	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/78-09/19/78	0	1	
OLYM0238	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/12/68-06/25/68	0	2	
OLYM0244	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/01/61-06/04/80	18	16	
OLYM0246	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/78-09/19/78	0	1	
OLYM0247	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/12/68-06/25/68	0	2	
OLYM0250	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/78-09/20/78	0	1	
OLYM0257	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/20/78-08/08/79	1	6	
OLYM0258	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/31/78-02/15/83	5	38	
OLYM0263	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/02/61-06/04/70	8	13	
OLYM0266	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/78-09/20/78	0	1	
OLYM0272	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/12/68-06/25/68	0	2	
OLYM0277	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/78-09/20/78	0	1	
OLYM0288	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/01/78-06/01/78	0	1	
OLYM0289	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/79-05/22/79	0	1	
OLYM0293	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/79-05/22/79	0	1	
OLYM0294	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/78-09/20/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0299	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/24/76-08/24/76	0	1	
OLYM0314	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/25/76-08/25/76	0	1	
OLYM0348	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/24/76-08/24/76	0	1	
OLYM0400	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/19/76-02/20/76	0	4	
OLYM0013	No	70305	SALINITY BASED ON CONDUCTIVITY	05/03/72-10/31/72	0	6	
OLYM0017	No	70305	SALINITY BASED ON CONDUCTIVITY	05/03/72-10/31/72	0	6	
OLYM0021	No	70305	SALINITY BASED ON CONDUCTIVITY	05/03/72-10/31/72	0	14	
OLYM0044	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	8	
OLYM0045	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	12	
OLYM0047	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	14	
OLYM0048	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	10	
OLYM0065	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	6	
OLYM0069	No	70305	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/10/75	1	32	
OLYM0077	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	12	
OLYM0078	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	14	
OLYM0079	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	8	
OLYM0082	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	6	
OLYM0106	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	10	
OLYM0107	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	12	
OLYM0108	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	8	
OLYM0116	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	10	
OLYM0117	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	12	
OLYM0118	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	8	
OLYM0139	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	8	
OLYM0145	No	70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	0	8	
OLYM0146	No	70305	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	12	192	A
OLYM0053	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/21/87-12/16/87	0	2	
OLYM0008	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/17/96-04/17/96	0	1	
OLYM0165	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/21/74-03/09/83	8	52	
OLYM0176	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/09/81-12/09/81	0	2	
OLYM0257	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	06/20/78-08/08/79	1	6	
OLYM0258	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/31/78-11/16/83	5	20	
OLYM0302	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/09/79-12/14/79	0	2	
OLYM0316	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	12/14/79-12/14/79	0	1	
OLYM0347	Yes	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/09/79-02/09/79	0	1	
OLYM0302	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/09/79-12/14/79	0	2	
OLYM0316	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/09/79-02/09/79	0	1	
OLYM0302	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/09/79-12/14/79	0	2	
OLYM0316	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/09/79-12/14/79	0	2	
OLYM0302	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/09/79-12/14/79	0	2	
OLYM0316	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/09/79-02/09/79	0	1	
OLYM0302	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	12/14/79-12/14/79	0	1	
OLYM0316	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/09/79-02/09/79	0	1	
OLYM0302	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	02/09/79-12/14/79	0	2	
OLYM0316	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	02/09/79-02/09/79	0	1	
OLYM0302	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	12/14/79-12/14/79	0	1	
OLYM0316	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	02/09/79-02/09/79	0	1	
OLYM0302	No	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	02/09/79-12/14/79	0	2	
OLYM0316	No	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	02/09/79-02/09/79	0	1	
OLYM0302	No	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	02/09/79-12/14/79	0	2	
OLYM0316	No	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	02/09/79-02/09/79	0	1	
OLYM0302	No	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	02/09/79-12/14/79	0	2	
OLYM0316	No	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	02/09/79-02/09/79	0	1	
OLYM0347	Yes	70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	02/09/79-02/09/79	0	1	
OLYM0146	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/13/86-11/09/87	1	12	
OLYM0229	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/14/64-06/02/65	0	2	
OLYM0253	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0258	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/06/90-11/18/92	1	9	
OLYM0261	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0262	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0264	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0271	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0273	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0274	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0278	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0281	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0282	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0284	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0286	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0287	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0290	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0291	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0292	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0295	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0296	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0297	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0298	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-08/25/76	0	1	
OLYM0299	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	1	2	
OLYM0300	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0301	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0302	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0303	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0304	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0305	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0306	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0307	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0308	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0310	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0311	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	1	2	
OLYM0312	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0313	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0314	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0315	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/04/77-10/04/77	0	1	
OLYM0316	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0317	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0318	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0320	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0321	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0322	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0323	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0324	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0326	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0328	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0330	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0332	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0334	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0336	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0337	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0346	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-08/25/76	0	1	
OLYM0348	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	1	2	
OLYM0349	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	1	2	
OLYM0165	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	06/30/77-04/16/80	2	6	
OLYM0258	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	04/17/79-10/23/79	0	2	
OLYM0165	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	06/30/77-04/16/80	2	11	
OLYM0257	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	11/15/78-07/18/79	0	2	
OLYM0258	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	05/19/78-10/23/79	1	6	
OLYM0165	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	06/30/77-04/16/80	2	11	
OLYM0257	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	11/15/78-07/18/79	0	2	
OLYM0258	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	05/19/78-10/23/79	1	6	
OLYM0073	No	70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	10/21/87-10/21/87	0	1	
OLYM0009	No	71090	BIVALVE SPECIES CODE	06/21/62-07/15/74	12	64	
OLYM0010	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	33	
OLYM0011	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	22	
OLYM0012	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	51	
OLYM0016	No	71090	BIVALVE SPECIES CODE	08/27/74-08/27/74	0	2	
OLYM0019	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	52	
OLYM0022	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	45	
OLYM0023	No	71090	BIVALVE SPECIES CODE	06/14/72-06/14/72	0	5	
OLYM0024	No	71090	BIVALVE SPECIES CODE	06/14/72-06/14/72	0	6	
OLYM0025	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	43	
OLYM0026	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	87	
OLYM0029	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	53	
OLYM0030	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	67	
OLYM0032	No	71090	BIVALVE SPECIES CODE	06/14/72-06/14/72	0	6	
OLYM0035	No	71090	BIVALVE SPECIES CODE	07/24/73-08/18/76	3	18	
OLYM0049	No	71090	BIVALVE SPECIES CODE	06/21/62-08/18/76	14	129	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0051	No	71090	BIVALVE SPECIES CODE	06/14/72-06/14/72	0	6	
OLYM0057	No	71090	BIVALVE SPECIES CODE	06/21/62-08/18/76	14	51	
OLYM0059	No	71090	BIVALVE SPECIES CODE	06/21/62-08/18/76	14	66	
OLYM0064	No	71090	BIVALVE SPECIES CODE	06/14/72-06/14/72	0	6	
OLYM0066	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	44	
OLYM0068	No	71090	BIVALVE SPECIES CODE	06/21/62-08/18/76	14	65	
OLYM0093	No	71090	BIVALVE SPECIES CODE	06/21/62-08/18/76	14	91	
OLYM0096	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	100	
OLYM0098	No	71090	BIVALVE SPECIES CODE	05/10/72-08/18/76	4	82	
OLYM0129	No	71090	BIVALVE SPECIES CODE	06/21/62-08/18/76	14	82	
OLYM0142	No	71090	BIVALVE SPECIES CODE	08/27/74-08/27/74	0	8	
OLYM0147	No	71090	BIVALVE SPECIES CODE	06/21/62-08/18/76	14	41	
OLYM0148	No	71090	BIVALVE SPECIES CODE	08/25/75-08/18/76	0	11	
OLYM0160	No	71090	BIVALVE SPECIES CODE	06/21/62-08/18/76	14	10	
OLYM0178	No	71090	BIVALVE SPECIES CODE	06/21/62-08/18/76	14	39	
OLYM0009	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-07/15/74	12	64	
OLYM0010	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	33	
OLYM0011	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	22	
OLYM0012	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	51	
OLYM0016	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	08/27/74-08/27/74	0	2	
OLYM0019	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	52	
OLYM0022	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	45	
OLYM0023	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/14/72-06/14/72	0	5	
OLYM0024	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/14/72-06/14/72	0	6	
OLYM0025	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	43	
OLYM0026	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	87	
OLYM0029	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	53	
OLYM0030	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	67	
OLYM0032	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/14/72-06/14/72	0	6	
OLYM0035	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	07/24/73-08/18/76	3	18	
OLYM0049	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	14	129	
OLYM0051	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/14/72-06/14/72	0	6	
OLYM0057	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	14	51	
OLYM0059	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	14	66	
OLYM0064	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/14/72-06/14/72	0	6	
OLYM0066	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	44	
OLYM0068	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	14	65	
OLYM0093	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	14	91	
OLYM0096	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	100	
OLYM0098	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	82	
OLYM0129	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	14	82	
OLYM0142	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	08/27/74-08/27/74	0	8	
OLYM0147	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	14	41	
OLYM0148	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	08/25/75-08/18/76	0	11	
OLYM0160	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	14	10	
OLYM0178	No	71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	14	39	
OLYM0009	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-07/15/74	12	64	
OLYM0010	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	33	
OLYM0011	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	22	
OLYM0012	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	51	
OLYM0016	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	08/27/74-08/27/74	0	2	
OLYM0019	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	52	
OLYM0022	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	45	
OLYM0023	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/14/72-06/14/72	0	5	
OLYM0024	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/14/72-06/14/72	0	6	
OLYM0025	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	43	
OLYM0026	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	87	
OLYM0029	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	53	
OLYM0030	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	67	
OLYM0032	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/14/72-06/14/72	0	6	
OLYM0035	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	07/24/73-08/18/76	3	18	
OLYM0049	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	14	129	
OLYM0051	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/14/72-06/14/72	0	6	
OLYM0057	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	14	51	
OLYM0059	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	14	66	
OLYM0064	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/14/72-06/14/72	0	6	
OLYM0066	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	44	
OLYM0068	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	14	65	
OLYM0093	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	14	91	
OLYM0096	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	100	
OLYM0098	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	82	
OLYM0129	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	14	82	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0142	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	08/27/74-08/27/74	0	8	
OLYM0147	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	14	41	
OLYM0148	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	08/25/75-08/18/76	0	11	
OLYM0160	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	14	10	
OLYM0178	No	71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	14	39	
OLYM0009	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/13/72-04/04/74	1	33	
OLYM0010	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	30	
OLYM0011	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	20	
OLYM0012	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	48	
OLYM0016	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	08/27/74-08/27/74	0	2	
OLYM0019	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	48	
OLYM0022	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	40	
OLYM0023	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/14/72-06/14/72	0	5	
OLYM0024	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/14/72-06/14/72	0	6	
OLYM0025	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	39	
OLYM0026	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	86	
OLYM0029	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	48	
OLYM0030	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	64	
OLYM0032	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/14/72-06/14/72	0	6	
OLYM0035	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	07/24/73-08/25/75	2	16	
OLYM0049	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	92	
OLYM0051	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/14/72-06/14/72	0	6	
OLYM0057	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	04/09/73-04/04/74	0	40	
OLYM0059	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	30	
OLYM0064	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/14/72-06/14/72	0	6	
OLYM0066	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	40	
OLYM0068	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	28	
OLYM0093	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	57	
OLYM0096	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	96	
OLYM0098	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	78	
OLYM0129	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	44	
OLYM0142	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	08/27/74-08/27/74	0	8	
OLYM0147	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	28	
OLYM0148	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	08/25/75-08/25/75	0	8	
OLYM0160	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	08/25/75-08/25/75	0	2	
OLYM0178	No	71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	3	4	
OLYM0010	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	3	
OLYM0011	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	2	
OLYM0012	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	3	
OLYM0019	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	4	
OLYM0022	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	5	
OLYM0025	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	4	
OLYM0026	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	1	
OLYM0029	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	5	
OLYM0030	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	3	
OLYM0035	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	2	
OLYM0049	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	3	
OLYM0057	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	4	
OLYM0059	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	2	
OLYM0066	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	4	
OLYM0068	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	3	
OLYM0093	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	3	
OLYM0096	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	4	
OLYM0098	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	4	
OLYM0129	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	4	
OLYM0147	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	3	
OLYM0148	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	3	
OLYM0160	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	1	
OLYM0178	No	71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	0	1	
OLYM0009	No	71095	NORMAL DEVELOPED LARVAE	06/21/62-07/15/74	12	64	
OLYM0010	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	33	
OLYM0011	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	22	
OLYM0012	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	51	
OLYM0016	No	71095	NORMAL DEVELOPED LARVAE	08/27/74-08/27/74	0	2	
OLYM0019	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	52	
OLYM0022	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	45	
OLYM0023	No	71095	NORMAL DEVELOPED LARVAE	06/14/72-06/14/72	0	5	
OLYM0024	No	71095	NORMAL DEVELOPED LARVAE	06/14/72-06/14/72	0	6	
OLYM0025	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	43	
OLYM0026	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	87	
OLYM0029	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	53	
OLYM0030	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	67	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0032	No	71095	NORMAL DEVELOPED LARVAE	06/14/72-06/14/72	0	6	
OLYM0035	No	71095	NORMAL DEVELOPED LARVAE	07/24/73-08/18/76	3	18	
OLYM0049	No	71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	14	129	
OLYM0051	No	71095	NORMAL DEVELOPED LARVAE	06/14/72-06/14/72	0	6	
OLYM0057	No	71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	14	51	
OLYM0059	No	71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	14	66	
OLYM0064	No	71095	NORMAL DEVELOPED LARVAE	06/14/72-06/14/72	0	6	
OLYM0066	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	44	
OLYM0068	No	71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	14	65	
OLYM0093	No	71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	14	91	
OLYM0096	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	100	
OLYM0098	No	71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	82	
OLYM0129	No	71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	14	82	
OLYM0142	No	71095	NORMAL DEVELOPED LARVAE	08/27/74-08/27/74	0	8	
OLYM0147	No	71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	14	41	
OLYM0148	No	71095	NORMAL DEVELOPED LARVAE	08/25/75-08/18/76	0	11	
OLYM0160	No	71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	14	10	
OLYM0178	No	71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	14	39	
OLYM0009	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-07/15/74	12	64	
OLYM0010	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	33	
OLYM0011	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	22	
OLYM0012	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	51	
OLYM0016	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	08/27/74-08/27/74	0	2	
OLYM0019	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	52	
OLYM0022	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	45	
OLYM0023	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/14/72-06/14/72	0	5	
OLYM0024	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/14/72-06/14/72	0	6	
OLYM0025	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	43	
OLYM0026	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	87	
OLYM0029	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	53	
OLYM0030	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	67	
OLYM0032	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/14/72-06/14/72	0	6	
OLYM0035	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	07/24/73-08/18/76	3	18	
OLYM0049	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	14	129	
OLYM0051	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/14/72-06/14/72	0	6	
OLYM0057	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	14	51	
OLYM0059	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	14	66	
OLYM0064	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/14/72-06/14/72	0	6	
OLYM0066	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	44	
OLYM0068	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	14	65	
OLYM0093	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	14	91	
OLYM0096	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	100	
OLYM0098	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	82	
OLYM0129	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	14	82	
OLYM0142	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	08/27/74-08/27/74	0	8	
OLYM0147	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	14	41	
OLYM0148	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	08/25/75-08/18/76	0	11	
OLYM0160	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	14	10	
OLYM0178	No	71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	14	39	
OLYM0165	No	71825	ACIDITY, TOTAL (MG/L AS H)	06/03/80-06/03/80	0	1	
OLYM0176	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	06/05/80-06/05/80	0	1	
OLYM0244	No	71825	ACIDITY, TOTAL (MG/L AS H)	06/04/80-06/04/80	0	1	
OLYM0258	No	71825	ACIDITY, TOTAL (MG/L AS H)	06/04/80-06/04/80	0	1	
OLYM0007	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/17/80-06/17/80	0	1	
OLYM0008	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/10/79-09/18/80	1	17	
OLYM0011	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/18/76	0	3	
OLYM0019	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/18/76-08/18/76	0	2	
OLYM0022	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/18/76-08/18/76	0	1	
OLYM0026	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/18/76	0	3	
OLYM0049	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/25/75	0	2	
OLYM0059	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/18/76-08/18/76	0	2	
OLYM0068	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/25/75	0	2	
OLYM0098	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/25/75	0	2	
OLYM0129	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/18/76	0	4	
OLYM0165	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/18/79-01/13/81	1	18	
OLYM0176	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/05/80-01/15/81	0	4	
OLYM0214	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/14/79-04/30/80	0	7	
OLYM0244	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/15/79-06/04/80	1	8	
OLYM0258	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/17/79-01/14/81	1	13	
OLYM0289	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/22/79-05/22/79	0	1	
OLYM0293	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/22/79-05/22/79	0	1	
OLYM0165	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/17/79-01/08/86	6	30	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0176	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/05/80-03/02/83	2	24	
OLYM0244	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/04/80-06/04/80	0	1	
OLYM0258	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/23/79-02/15/83	3	23	
OLYM0165	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/01/66-08/01/66	0	1	
OLYM0191	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/20/67-09/20/67	0	1	
OLYM0204	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/30/54-11/30/54	0	1	
OLYM0207	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/22/67-01/27/68	0	2	
OLYM0214	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/13/47-05/20/48	0	2	
OLYM0216	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/20/67-09/20/67	0	1	
OLYM0341	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/19/67-09/19/67	0	1	
OLYM0343	Yes	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/19/67-09/19/67	0	1	
OLYM0362	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/15/67-09/15/67	0	1	
OLYM0003	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/18/60-08/07/72	12	9	
OLYM0006	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/27/85-09/27/85	0	1	
OLYM0161	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/71-08/08/72	0	6	
OLYM0165	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/19/59-07/07/81	21	32	
OLYM0176	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/14/65-01/21/71	5	28	
OLYM0183	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/29/85-09/29/85	0	1	
OLYM0213	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/14/65-09/13/67	1	5	
OLYM0214	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/59-06/05/70	10	21	
OLYM0217	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/18/60-09/05/61	1	15	
OLYM0238	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/12/68-06/25/68	0	2	
OLYM0244	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/61-06/09/70	8	18	
OLYM0246	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/60-07/19/60	0	1	
OLYM0247	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/12/68-06/25/68	0	2	
OLYM0263	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/60-06/04/70	9	32	
OLYM0272	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/12/68-06/25/68	0	2	
OLYM0003	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/07/72-08/07/72	0	1	
OLYM0161	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/27/71-08/08/72	0	6	
OLYM0165	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/07/81-07/07/81	0	1	
OLYM0163	Yes	71870	BROMIDE (MG/L AS BR)	09/09/93-09/09/93	0	1	
OLYM0168	Yes	71870	BROMIDE (MG/L AS BR)	09/09/93-09/09/93	0	1	
OLYM0169	Yes	71870	BROMIDE (MG/L AS BR)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	71870	BROMIDE (MG/L AS BR)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	71870	BROMIDE (MG/L AS BR)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	71870	BROMIDE (MG/L AS BR)	09/10/93-09/10/93	0	1	
OLYM0177	Yes	71870	BROMIDE (MG/L AS BR)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	71870	BROMIDE (MG/L AS BR)	09/10/93-09/10/93	0	1	
OLYM0006	No	71885	IRON (UG/L AS FE)	09/27/85-09/27/85	0	1	
OLYM0183	Yes	71885	IRON (UG/L AS FE)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	71885	IRON (UG/L AS FE)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	71885	IRON (UG/L AS FE)	09/29/85-09/29/85	0	1	
OLYM0244	No	71885	IRON (UG/L AS FE)	12/15/64-12/15/64	0	1	
OLYM0008	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/10/79-03/21/84	4	29	
OLYM0165	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-01/08/86	6	42	
OLYM0176	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/17/79-05/22/85	6	43	
OLYM0214	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/14/79-04/30/80	0	7	
OLYM0244	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/15/79-06/04/80	1	8	
OLYM0258	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/17/79-11/13/85	6	32	
OLYM0289	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/22/79-05/22/79	0	1	
OLYM0293	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/22/79-05/22/79	0	1	
OLYM0008	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	12/20/73-07/16/81	7	40	
OLYM0165	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	6	59	
OLYM0176	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/20/77-10/07/81	4	19	
OLYM0221	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	
OLYM0222	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	
OLYM0223	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	
OLYM0224	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	
OLYM0225	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	
OLYM0226	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	
OLYM0227	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	
OLYM0231	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	
OLYM0235	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	
OLYM0236	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	
OLYM0239	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0240	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0241	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0242	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0244	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-06/04/80	1	2	
OLYM0246	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0250	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0251	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0257	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/78-08/08/79	1	6	
OLYM0258	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/31/78-09/11/81	3	30	
OLYM0259	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0260	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0266	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0267	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0277	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0283	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0289	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/29/78-05/22/79	1	3	
OLYM0293	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/29/78-05/22/79	1	3	
OLYM0294	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	0	1	
OLYM0327	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/02/77-11/02/77	0	1	
OLYM0354	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/03/77-11/03/77	0	1	
OLYM0357	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/03/77-11/03/77	0	1	
OLYM0358	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/03/77-11/03/77	0	1	
OLYM0359	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/03/77-11/03/77	0	1	
OLYM0361	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/02/77-11/02/77	0	1	
OLYM0365	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/03/77-11/03/77	0	1	
OLYM0368	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/02/77-11/02/77	0	1	
OLYM0372	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/02/77-11/02/77	0	1	
OLYM0165	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	04/14/75-09/24/86	11	43	
OLYM0176	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	02/13/80-03/05/86	6	17	
OLYM0244	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/04/80-06/04/80	0	1	
OLYM0257	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/18/79-07/18/79	0	1	
OLYM0258	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	01/31/78-07/17/91	13	50	
OLYM0289	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/27/79-03/27/79	0	1	
OLYM0293	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	03/27/79-03/27/79	0	1	
OLYM0165	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	04/14/75-10/06/81	6	22	
OLYM0176	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	02/13/80-08/06/81	1	5	
OLYM0244	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	06/04/80-06/04/80	0	1	
OLYM0257	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	07/18/79-07/18/79	0	1	
OLYM0258	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	01/31/78-11/03/81	3	14	
OLYM0001	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/28/80-03/28/80	0	1	
OLYM0015	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/27/80-03/27/80	0	1	
OLYM0150	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/06/78-06/06/78	0	1	
OLYM0155	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/08/94-04/22/94	0	3	
OLYM0164	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/25/74-07/26/78	3	5	
OLYM0165	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/14/75-04/22/94	19	28	
OLYM0166	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	11/21/72-08/24/82	9	19	
OLYM0214	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/17/77-04/30/80	2	16	
OLYM0244	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/15/77-06/04/80	2	17	
OLYM0257	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/18/79-07/18/79	0	1	
OLYM0258	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/15/77-07/15/82	4	17	
OLYM0289	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/29/78-05/22/79	1	2	
OLYM0293	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/29/78-05/22/79	1	2	
OLYM0350	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/25/76-08/25/76	0	1	
OLYM0360	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/25/76-08/25/76	0	1	
OLYM0365	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/25/76-08/25/76	0	1	
OLYM0393	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/22/89-08/22/89	0	1	
OLYM0395	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/22/89-08/22/89	0	1	
OLYM0397	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/22/89-08/22/89	0	2	
OLYM0001	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/28/80-03/28/80	0	1	
OLYM0015	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/27/80-03/27/80	0	1	
OLYM0171	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/23/94-04/23/94	0	1	
OLYM0172	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/94-04/08/94	0	1	
OLYM0053	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/21/87-10/21/87	0	1	
OLYM0073	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/21/87-10/21/87	0	1	
OLYM0053	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-12/16/87	0	2	
OLYM0053	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-12/16/87	0	2	
OLYM0053	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-10/21/87	0	1	
OLYM0053	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-12/16/87	0	2	
OLYM0053	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/21/87-10/21/87	0	1	
OLYM0151	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/11/77-05/11/77	0	1	
OLYM0152	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/11/77-05/11/77	0	1	
OLYM0154	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/11/77-05/11/77	0	1	
OLYM0157	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/11/77-05/11/77	0	1	
OLYM0214	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	09/13/47-05/20/48	0	2	
OLYM0244	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	11/15/79-06/04/80	0	5	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0255	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	11/29/72-09/17/74	1	12	
OLYM0151	No	72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)	05/11/77-05/11/77	0	1	
OLYM0152	No	72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)	05/11/77-05/11/77	0	1	
OLYM0154	No	72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)	05/11/77-05/11/77	0	1	
OLYM0157	No	72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)	05/11/77-05/11/77	0	1	
OLYM0151	No	72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)	05/11/77-05/11/77	0	1	
OLYM0152	No	72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)	05/11/77-05/11/77	0	1	
OLYM0154	No	72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)	05/11/77-05/11/77	0	1	
OLYM0157	No	72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)	05/11/77-05/11/77	0	1	
OLYM0151	No	72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES	05/11/77-05/11/77	0	1	
OLYM0152	No	72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES	05/11/77-05/11/77	0	1	
OLYM0154	No	72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES	05/11/77-05/11/77	0	1	
OLYM0157	No	72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES	05/11/77-05/11/77	0	1	
OLYM0362	No	72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	09/15/67-09/15/67	0	1	
OLYM0151	No	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	0	1	
OLYM0152	No	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	0	1	
OLYM0154	No	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	0	1	
OLYM0157	No	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	0	1	
OLYM0151	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	0	1	
OLYM0152	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	0	1	
OLYM0154	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	0	1	
OLYM0157	No	72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	0	1	
OLYM0006	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/27/85-09/27/85	0	1	
OLYM0183	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/25/85-09/25/85	0	1	
OLYM0186	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/29/85-09/29/85	0	1	
OLYM0189	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/29/85-09/29/85	0	1	
OLYM0364	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/31/75-10/29/75	0	3	
OLYM0386	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/31/75-10/29/75	0	3	
OLYM0392	Yes	72025	DEPTH OF POND OR RESERVOIR IN FEET	03/31/75-10/29/75	0	3	
OLYM0393	No	73076	RETENE, TOTAL, WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	73076	RETENE, TOTAL, WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	73076	RETENE, TOTAL, WATER UG/L	08/22/89-08/22/89	0	2	
OLYM0393	No	73085	CHLOROBROMOMETHANE, TOTAL, WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	73085	CHLOROBROMOMETHANE, TOTAL, WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	73085	CHLOROBROMOMETHANE, TOTAL, WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0393	No	73605	BENZENAMINE, 4-NITRO- TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	73605	BENZENAMINE, 4-NITRO- TOTWUG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	73605	BENZENAMINE, 4-NITRO- TOTWUG/L	08/22/89-08/22/89	0	2	
OLYM0171	Yes	75977	RADIUM 228,DRY WEIGHT,SEDIMENT PC/G	04/23/94-04/23/94	0	1	
OLYM0172	Yes	75977	RADIUM 228,DRY WEIGHT,SEDIMENT PC/G	04/08/94-04/08/94	0	1	
OLYM0155	No	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	04/08/94-04/22/94	0	3	
OLYM0165	No	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	04/15/94-04/21/94	0	2	
OLYM0155	No	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	04/08/94-04/22/94	0	3	
OLYM0165	No	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	04/15/94-04/21/94	0	2	
OLYM0155	No	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	04/08/94-04/22/94	0	3	
OLYM0165	No	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	04/15/94-04/21/94	0	2	
OLYM0155	No	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	04/08/94-04/22/94	0	3	
OLYM0165	No	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	04/15/94-04/21/94	0	2	
OLYM0155	No	76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/08/94-04/22/94	0	3	
OLYM0165	No	76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/15/94-04/21/94	0	2	
OLYM0155	No	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/08/94-04/22/94	0	3	
OLYM0165	No	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/15/94-04/21/94	0	2	
OLYM0073	No	76530	BIPHENYL TISSUE ,WET WGT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0393	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77041	CARBON DISULFIDE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77057	VINYL ACETATE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0395	No	77057	VINYL ACETATE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77057	VINYL ACETATE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0155	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77103	2-HEXANONE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77103	2-HEXANONE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77103	2-HEXANONE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0155	No	77128	STYRENE WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	77128	STYRENE WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	77128	STYRENE WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	77128	STYRENE WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0203	Yes	77128	STYRENE WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	77128	STYRENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77128	STYRENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77128	STYRENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0203	Yes	77135	O-XYLENE WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	77146	P-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77146	P-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77146	P-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0393	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0393	No	77152	O-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77152	O-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77152	O-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0203	Yes	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0203	Yes	77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0203	Yes	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77224	N-PROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77247	BENZOIC ACID WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77247	BENZOIC ACID WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77247	BENZOIC ACID WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0393	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0203	Yes	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77342	N-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0395	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0393	No	77418	1-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77418	1-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77418	1-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0203	Yes	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0203	Yes	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77571	CARBAZOLE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77571	CARBAZOLE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77571	CARBAZOLE WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0203	Yes	77596	METHYLENE BROMIDE WHOLE WATER,UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	77596	METHYLENE BROMIDE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77596	METHYLENE BROMIDE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77596	METHYLENE BROMIDE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0155	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	04/17/94-04/21/94	0	2	
OLYM0393	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	08/22/89-08/22/89	0	2	
OLYM0165	No	78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	04/22/94-04/22/94	0	1	
OLYM0203	Yes	78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	06/26/91-06/26/91	0	1	
OLYM0203	Yes	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	06/26/91-06/26/91	0	1	
OLYM0203	Yes	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	78133	4-METHYL-2-PENTANONE IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	08/22/89-08/22/89	0	2	
OLYM0393	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	0	2	
OLYM0073	No	78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	10/21/87-10/21/87	0	1	
OLYM0176	Yes	80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	02/07/68-03/05/86	18	20	
OLYM0155	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/08/94-04/22/94	0	3	
OLYM0165	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/15/94-04/21/94	0	2	
OLYM0176	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	09/13/67-03/05/86	18	21	
OLYM0213	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	09/13/67-09/13/67	0	1	
OLYM0176	Yes	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	09/13/67-03/05/86	18	21	
OLYM0213	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	09/13/67-09/13/67	0	1	
OLYM0155	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/08/94-04/22/94	0	3	
OLYM0165	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/07/94-04/22/94	0	3	
OLYM0166	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/07/94-04/21/94	0	3	
OLYM0167	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/15/94-04/21/94	0	2	
OLYM0176	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	09/13/67-03/05/86	18	21	
OLYM0213	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	09/13/67-09/13/67	0	1	
OLYM0176	Yes	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	09/13/67-03/05/86	18	21	
OLYM0213	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	09/13/67-09/13/67	0	1	
OLYM0198	Yes	80107	SULFUR, TOTAL (MG/L)	10/03/94-11/15/94	0	2	
OLYM0200	Yes	80107	SULFUR, TOTAL (MG/L)	10/03/94-11/15/94	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0209	Yes	80107	SULFUR, TOTAL (MG/L)	10/03/94-11/15/94	0	2	
OLYM0211	Yes	80107	SULFUR, TOTAL (MG/L)	10/03/94-11/15/94	0	2	
OLYM0008	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/96-04/11/97	1	17	
OLYM0165	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	11	90	
OLYM0176	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	21	170	T,A
OLYM0213	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-09/13/67	2	17	
OLYM0257	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/20/78-08/08/79	1	6	
OLYM0258	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/31/78-07/20/93	15	77	
OLYM0282	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12/24/75-09/28/78	2	138	
OLYM0302	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/09/79-12/14/79	0	2	
OLYM0315	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12/18/75-09/29/78	2	174	
OLYM0316	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12/24/75-12/14/79	3	98	
OLYM0325	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12/24/75-09/13/78	2	75	
OLYM0347	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/09/79-12/14/79	0	2	
OLYM0165	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/21/74-09/09/81	6	60	
OLYM0176	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	16	143	T
OLYM0213	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/13/67	2	17	
OLYM0257	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	06/20/78-06/20/78	0	1	
OLYM0258	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/31/78-09/11/81	3	29	
OLYM0282	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	12/24/75-09/28/78	2	138	
OLYM0302	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/09/79-12/14/79	0	2	
OLYM0315	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/06/76-09/29/78	2	105	
OLYM0316	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	12/24/75-12/14/79	3	98	
OLYM0325	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	12/24/75-09/13/78	2	75	
OLYM0347	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/09/79-12/14/79	0	2	
OLYM0302	No	80156	TOTAL SED DISCHARGE(SUSP PLUS BED LOAD)(TONS/DAY)	02/09/79-12/14/79	0	2	
OLYM0316	No	80156	TOTAL SED DISCHARGE(SUSP PLUS BED LOAD)(TONS/DAY)	02/09/79-12/14/79	0	2	
OLYM0347	Yes	80156	TOTAL SED DISCHARGE(SUSP PLUS BED LOAD)(TONS/DAY)	02/09/79-12/14/79	0	2	
OLYM0347	Yes	80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	02/09/79-02/09/79	0	1	
OLYM0347	Yes	80158	BED MATERIAL FALL DIAMETER, % FINER THAN .062MM	02/09/79-02/09/79	0	1	
OLYM0302	No	80159	BED MATERIAL FALL DIAMETER, % FINER THAN .125MM	02/09/79-02/09/79	0	1	
OLYM0316	No	80159	BED MATERIAL FALL DIAMETER, % FINER THAN .125MM	02/09/79-02/09/79	0	1	
OLYM0347	Yes	80159	BED MATERIAL FALL DIAMETER, % FINER THAN .125MM	02/09/79-02/09/79	0	1	
OLYM0302	No	80160	BED MATERIAL FALL DIAMETER, % FINER THAN .250MM	02/09/79-02/09/79	0	1	
OLYM0316	No	80160	BED MATERIAL FALL DIAMETER, % FINER THAN .250MM	02/09/79-02/09/79	0	1	
OLYM0347	Yes	80160	BED MATERIAL FALL DIAMETER, % FINER THAN .250MM	02/09/79-02/09/79	0	1	
OLYM0302	No	80161	BED MATERIAL FALL DIAMETER, % FINER THAN .500MM	02/09/79-02/09/79	0	1	
OLYM0316	No	80161	BED MATERIAL FALL DIAMETER, % FINER THAN .500MM	02/09/79-02/09/79	0	1	
OLYM0347	Yes	80161	BED MATERIAL FALL DIAMETER, % FINER THAN .500MM	02/09/79-02/09/79	0	1	
OLYM0302	No	80162	BED MATERIAL FALL DIAMETER, % FINER THAN 1.00MM	02/09/79-02/09/79	0	1	
OLYM0316	No	80162	BED MATERIAL FALL DIAMETER, % FINER THAN 1.00MM	02/09/79-02/09/79	0	1	
OLYM0347	Yes	80162	BED MATERIAL FALL DIAMETER, % FINER THAN 1.00MM	02/09/79-02/09/79	0	1	
OLYM0258	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	02/29/84-02/29/84	0	1	
OLYM0316	No	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	12/14/79-12/14/79	0	1	
OLYM0347	Yes	80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	12/14/79-12/14/79	0	1	
OLYM0302	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	12/14/79-12/14/79	0	1	
OLYM0316	No	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	12/14/79-12/14/79	0	1	
OLYM0347	Yes	80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	12/14/79-12/14/79	0	1	
OLYM0302	No	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	12/14/79-12/14/79	0	1	
OLYM0316	No	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	12/14/79-12/14/79	0	1	
OLYM0347	Yes	80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	12/14/79-12/14/79	0	1	
OLYM0302	No	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	12/14/79-12/14/79	0	1	
OLYM0316	No	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	12/14/79-12/14/79	0	1	
OLYM0347	Yes	80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	12/14/79-12/14/79	0	1	
OLYM0302	No	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	02/09/79-12/14/79	0	2	
OLYM0316	No	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	12/14/79-12/14/79	0	1	
OLYM0302	No	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	02/09/79-12/14/79	0	2	
OLYM0316	No	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	12/14/79-12/14/79	0	1	
OLYM0302	No	80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	02/09/79-12/14/79	0	2	
OLYM0316	No	80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	12/14/79-12/14/79	0	1	
OLYM0302	No	80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	02/09/79-12/14/79	0	2	
OLYM0316	No	80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	02/09/79-12/14/79	0	2	
OLYM0347	Yes	80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	12/14/79-12/14/79	0	1	
OLYM0302	No	80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	02/09/79-12/14/79	0	2	
OLYM0316	No	80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	02/09/79-12/14/79	0	2	
OLYM0302	No	80173	BED MATERIAL SIEVE DIAMETER,% FINER THAN 32.0MM	12/14/79-12/14/79	0	1	
OLYM0316	No	80173	BED MATERIAL SIEVE DIAMETER,% FINER THAN 32.0MM	02/09/79-12/14/79	0	2	
OLYM0006	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/27/85-09/27/85	0	1	
OLYM0183	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/25/85-09/25/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0186	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/29/85-09/29/85	0	1	
OLYM0393	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	0	2	
OLYM0073	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	10/21/87-10/21/87	0	1	
OLYM0155	No	81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/08/94-04/22/94	0	3	
OLYM0165	No	81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/07/94-04/22/94	0	3	
OLYM0166	Yes	81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/15/94-04/21/94	0	2	
OLYM0155	No	81551	XYLENE WHL WATER SMPL UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	81551	XYLENE WHL WATER SMPL UG/L	04/22/94-04/22/94	0	1	
OLYM0166	Yes	81551	XYLENE WHL WATER SMPL UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	81551	XYLENE WHL WATER SMPL UG/L	04/17/94-04/21/94	0	2	
OLYM0393	No	81551	XYLENE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	81551	XYLENE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	81551	XYLENE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	81552	ACETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	81552	ACETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	81552	ACETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0203	Yes	81555	BROMOBENZENE WHL WATER SMPL UG/L	06/26/91-06/26/91	0	1	
OLYM0393	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	81555	BROMOBENZENE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0393	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0395	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0397	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	0	1	
OLYM0053	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/21/87-12/16/87	0	3	
OLYM0406	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	08/10/76-08/10/76	0	1	
OLYM0406	No	81624	TOTAL PCBS IN SHELLFISH TISSUE DRY WEIGHT UG/KG	08/10/76-08/10/76	0	1	
OLYM0406	No	81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	08/10/76-08/10/76	0	1	
OLYM0406	No	81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	08/10/76-08/10/76	0	1	
OLYM0406	No	81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	08/10/76-08/10/76	0	1	
OLYM0406	No	81628	NICKEL IN SHELLFISH TISSUE DRY WEIGHT MG/KG	08/10/76-08/10/76	0	1	
OLYM0406	No	81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	08/10/76-08/10/76	0	1	
OLYM0406	No	81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	08/10/76-08/10/76	0	1	
OLYM0406	No	81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	08/10/76-08/10/76	0	1	
OLYM0406	No	81637	SHELLFISH SPECIES NUMERIC CODE	08/10/76-08/10/76	0	1	
OLYM0073	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	10/21/87-10/21/87	0	1	
OLYM0073	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/21/87-10/21/87	0	1	
OLYM0073	No	81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-10/21/87	0	1	
OLYM0053	No	81655	CALCIUM IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-12/16/87	0	2	
OLYM0053	No	81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-12/16/87	0	2	
OLYM0053	No	81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-10/21/87	0	1	
OLYM0053	No	81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-12/16/87	0	2	
OLYM0053	No	81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	10/21/87-10/21/87	0	1	
OLYM0073	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	10/21/87-10/21/87	0	1	
OLYM0171	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	04/23/94-04/23/94	0	1	
OLYM0172	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	04/08/94-04/08/94	0	1	
OLYM0176	Yes	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/05/80-08/05/80	0	1	
OLYM0073	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/21/87-10/21/87	0	1	
OLYM0006	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/27/85-09/27/85	0	1	
OLYM0183	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/25/85-09/25/85	0	1	
OLYM0186	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/29/85-09/29/85	0	1	
OLYM0189	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/29/85-09/29/85	0	1	
OLYM0165	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/13/80-07/07/81	0	11	
OLYM0176	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/05/80-07/08/81	0	11	
OLYM0244	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	06/04/80-06/04/80	0	1	
OLYM0258	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	10/09/80-07/09/81	0	5	
OLYM0333	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/20/93-11/30/94	1	15	
OLYM0335	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/22/93-10/18/94	1	13	
OLYM0339	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/21/93-11/30/94	1	15	
OLYM0345	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/22/93-10/18/94	1	13	
OLYM0356	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/21/93-11/30/94	1	20	
OLYM0396	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/02/94-11/30/94	0	10	
OLYM0402	Yes	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/25/93-11/30/94	1	15	
OLYM0002	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/25/93-09/30/97	3	46	
OLYM0005	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/25/93-09/26/94	0	12	
OLYM0006	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/27/85-09/27/85	0	1	
OLYM0146	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/11/86-11/09/87	1	18	
OLYM0162	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	3	48	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0183	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/25/85-09/25/85	0	1	
OLYM0186	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/29/85-09/29/85	0	1	
OLYM0189	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/29/85-09/29/85	0	1	
OLYM0213	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/27/94	0	12	
OLYM0245	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	3	48	
OLYM0265	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/27/94	0	12	
OLYM0279	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/27/94	0	12	
OLYM0355	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/01/93-03/29/94	0	70	
OLYM0366	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/01/93-03/29/94	0	82	
OLYM0378	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/01/93-02/22/94	0	55	
OLYM0394	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/01/93-03/29/94	0	46	
OLYM0155	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	04/22/94-04/22/94	0	1	
OLYM0165	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	03/17/82-04/22/94	12	3	
OLYM0166	Yes	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	04/21/94-04/21/94	0	1	
OLYM0167	Yes	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	04/17/94-04/21/94	0	2	
OLYM0176	Yes	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	08/05/80-12/09/81	1	2	
OLYM0008	Yes	82398	SAMPLING METHOD (CODES)	03/13/96-04/11/97	1	18	
OLYM0155	No	82398	SAMPLING METHOD (CODES)	04/08/94-04/17/94	0	2	
OLYM0165	No	82398	SAMPLING METHOD (CODES)	10/25/74-04/22/94	19	41	
OLYM0166	Yes	82398	SAMPLING METHOD (CODES)	04/07/94-04/21/94	0	3	
OLYM0167	Yes	82398	SAMPLING METHOD (CODES)	04/15/94-04/21/94	0	3	
OLYM0176	Yes	82398	SAMPLING METHOD (CODES)	08/10/83-11/14/85	2	3	
OLYM0258	No	82398	SAMPLING METHOD (CODES)	06/20/78-07/20/93	15	17	
OLYM0007	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/17/80-06/17/80	0	1	
OLYM0151	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/11/77-05/11/77	0	1	
OLYM0152	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/11/77-05/11/77	0	1	
OLYM0154	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/11/77-05/11/77	0	1	
OLYM0157	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/11/77-05/11/77	0	1	
OLYM0168	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/10/93-09/10/93	0	1	
OLYM0204	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/30/54-11/30/54	0	1	
OLYM0216	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/20/67-09/20/67	0	1	
OLYM0253	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0261	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0273	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/06/77-10/06/77	0	1	
OLYM0274	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/06/77-10/06/77	0	1	
OLYM0278	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/06/77-10/06/77	0	1	
OLYM0281	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0286	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/06/77-10/06/77	0	1	
OLYM0288	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/01/78-06/01/78	0	1	
OLYM0292	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0295	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/06/77-10/06/77	0	1	
OLYM0296	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0301	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0303	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0307	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0320	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0321	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0323	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0324	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0326	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0337	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0341	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	01/17/67-01/17/67	0	1	
OLYM0343	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/19/67-09/19/67	0	1	
OLYM0346	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/08/77-09/08/77	0	1	
OLYM0348	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0349	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0352	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/19/76-08/19/76	0	1	
OLYM0357	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/03/77-11/03/77	0	1	
OLYM0362	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/15/67-09/15/67	0	1	
OLYM0363	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/10/76-09/10/76	0	1	
OLYM0369	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/10/76-09/10/76	0	1	
OLYM0375	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/10/76-09/10/76	0	1	
OLYM0389	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/08/77-09/08/77	0	1	
OLYM0390	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/08/77-09/08/77	0	1	
OLYM0007	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/17/80-06/17/80	0	1	
OLYM0151	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/11/77-05/11/77	0	1	
OLYM0152	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/11/77-05/11/77	0	1	
OLYM0154	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/11/77-05/11/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 12/17/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
OLYM0157	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/11/77-05/11/77	0	1	
OLYM0168	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/09/93-09/09/93	0	1	
OLYM0170	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/09/93-09/09/93	0	1	
OLYM0173	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/10/93-09/10/93	0	1	
OLYM0174	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/10/93-09/10/93	0	1	
OLYM0180	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/10/93-09/10/93	0	1	
OLYM0204	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/30/54-11/30/54	0	1	
OLYM0216	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/20/67-09/20/67	0	1	
OLYM0253	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0261	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0273	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/06/77-10/06/77	0	1	
OLYM0274	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/06/77-10/06/77	0	1	
OLYM0278	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/06/77-10/06/77	0	1	
OLYM0281	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0286	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/06/77-10/06/77	0	1	
OLYM0288	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/01/78-06/01/78	0	1	
OLYM0292	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0295	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/06/77-10/06/77	0	1	
OLYM0296	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0301	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0303	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0307	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0320	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0321	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0323	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0324	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0326	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0337	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0341	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	01/17/67-01/17/67	0	1	
OLYM0343	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/19/67-09/19/67	0	1	
OLYM0346	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/08/77-09/08/77	0	1	
OLYM0348	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/04/77-10/04/77	0	1	
OLYM0349	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/05/77-10/05/77	0	1	
OLYM0352	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/19/76-08/19/76	0	1	
OLYM0357	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/03/77-11/03/77	0	1	
OLYM0362	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/15/67-09/15/67	0	1	
OLYM0363	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/10/76-09/10/76	0	1	
OLYM0369	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/10/76-09/10/76	0	1	
OLYM0375	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/10/76-09/10/76	0	1	
OLYM0389	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/08/77-09/08/77	0	1	
OLYM0390	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/08/77-09/08/77	0	1	
OLYM0053	No	84007	ANATOMY ALPHA CODE	10/21/87-12/16/87	0	3	
OLYM0073	No	84007	ANATOMY ALPHA CODE	10/21/87-10/21/87	0	1	
OLYM0406	No	84007	ANATOMY ALPHA CODE	08/10/76-08/10/76	0	1	
OLYM0406	No	84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	08/10/76-08/10/76	0	1	
OLYM0406	No	84009	SHELLFISH SPECIES ALPHANUMERIC CODE	08/10/76-08/10/76	0	1	
OLYM0400	Yes	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	08/26/76-11/10/76	0	7	
OLYM0073	No	85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	85682	NITROFEN TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	85683	PERTHANE TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0073	No	85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	0	1	
OLYM0203	Yes	85795	XYLENE, META & PARA, WATER, WHOLE UG/L	06/26/91-06/26/91	0	1	

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

Station-By-Station Results

Station Inventory for Station: OLYM0001

NPS Station ID: OLYM0001 LAT/LON: 47.785004/-122.978059 Agency: 10EPATOX Date Created: 04/19/80
Location: BIG QUILCENE RIVER AT PORT TOWNSEND INTAKE
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/MUN/INTAKE/AMBNT/STREAM
STORET Station ID(s): 11P001 /MDSPTT1W*S /RISKPTT001 /WA5369000
RMI-Indexes: 1311211 000600 00150 0050
Within Park Boundary: No
RMI-Miles: 0026.00 0007.00 004.20 009.40
HUC: 17110018 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PUGET SOUND ECO Region:
RF1 Index: 17110018011 RF1 Mile Point: 8.500 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/28/80-03/28/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	03/28/80-03/28/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/28/80-03/28/80	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/28/80-03/28/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/28/80-03/28/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/28/80-03/28/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	03/28/80-03/28/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/28/80-03/28/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/28/80-03/28/80	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/28/80-03/28/80	1	281.	281.	281.	281.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/28/80-03/28/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/28/80-03/28/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/28/80-03/28/80	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/28/80-03/28/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/28/80-03/28/80	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	03/28/80-03/28/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/28/80-03/28/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/28/80-03/28/80	1	76.	76.	76.	76.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	03/28/80-03/28/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	03/28/80-03/28/80	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/28/80-03/28/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/28/80-03/28/80	1	86.	86.	86.	86.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/28/80-03/28/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	03/28/80-03/28/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	03/28/80-03/28/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	03/28/80-03/28/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	03/28/80-03/28/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34208	ACENAPHTHENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	03/28/80-03/28/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	03/28/80-03/28/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	03/28/80-03/28/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34408	ISOPHORONE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	03/28/80-03/28/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	03/28/80-03/28/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	03/28/80-03/28/80	1	74.	74.	74.	74.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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Parameter Inventory for Station: OLYM0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	03/28/80-03/28/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	50000.	50000.	50000.	50000.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	03/28/80-03/28/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	50000.	50000.	50000.	50000.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	03/28/80-03/28/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	03/28/80-03/28/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/28/80-03/28/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/28/80-03/28/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/28/80-03/28/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/28/80-03/28/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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Parameter Inventory for Station: OLYM0001

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39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/28/80-03/28/80	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	03/28/80-03/28/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/28/80-03/28/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	03/28/80-03/28/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	03/28/80-03/28/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	03/28/80-03/28/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/28/80-03/28/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/28/80-03/28/80	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						

& - 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: OLYM0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	0 &	0	0.00												
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
		Drinking Water	1000.	1	0	0.00				1	0	0.00						
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00				1	0	0.00						
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00				1	0	0.00						
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00				1	0	0.00						
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00				1	0	0.00						
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00				1	0	0.00						
		Drinking Water	700.	1	0	0.00				1	0	0.00						
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00				1	0	0.00						
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00				1	0	0.00						
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00				1	0	0.00						
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00				1	0	0.00						
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	0	0.00						
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00				1	0	0.00						
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00				1	0	0.00						
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00				1	0	0.00						
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00				1	0	0.00						
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00				1	0	0.00						
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN, TOT	Fresh Acute	0.01	0 &	0	0.00												
		Drinking Water	0.000	03								0&	0	0.00				
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00				1	0	0.00						
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00				1	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: OLYM0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00				1	0	0.00						
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00				1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00				1	0	0.00						
		Drinking Water	3.	1	0	0.00				1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
		Drinking Water	0.4	1	0	0.00				1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00				1	0	0.00						
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: OLYM0002

NPS Station ID: OLYM0002 LAT/LON: 47.684170/-123.010282 Agency: 21540000 Date Created: / /
Location: DUCKABUSH RIVER NEAR BRINNON FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 16C090 /3116C090 /12054000
RMI-Indexes: 1311211 000700 Within Park Boundary: No
RMI-Miles: 0029.40 0004.50
HUC: 17110018 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PUGET SOUND (SKOKOMISH DOSEWALLIPS-16) ECO Region:
RF1 Index: 17110018025 RF1 Mile Point: 4.890 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED AT THE GS RECORDER IN THE SOUTHWEST QUARTER OF SECTION ONE, IN TOWNSHIP 25 NORTH, RANGE THREE WEST, 4.5 MILES UPSTREAM FROM THE MOUTH OF THE DUCKABUSH RIVER AND FIVE MILES WEST OF BRINNON, JEFFERSON COUNTY TO REACH STATION, DRIVE FROM SHELTON TOWARD QUILCENE ON HIGHWAY 101 AND TURN LEFT ON DUCKABUSH RIVER ROAD .2 MILES AFTER CROSSING DUCKABUSH RIVER
SOUTHWEST REGION 15 QUAD- THE BROTHERS
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 300

Parameter Inventory for Station: OLYM0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/93-09/30/97	46	6.15	6.891	13.1	3.1	7.092	2.663	4.04	4.55	8.7	10.96
00025	BAROMETRIC PRESSURE (MM OF HG)	10/25/93-09/30/97	46	760.	760.152	775.	749.	36.754	6.063	752.7	757.	763.5	767.9
00060	FLOW, STREAM, MEAN DAILY CFS	10/25/93-09/30/97	31	341.	336.806	962.	59.	41701.495	204.209	104.6	175.	431.	655.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/93-09/30/97	46	71.	70.109	92.	46.	111.61	10.565	56.1	63.	78.	82.3
00300	OXYGEN, DISSOLVED MG/L	10/25/93-09/30/97	46	12.1	12.039	13.2	10.7	0.543	0.737	10.8	11.3	12.7	12.93
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/25/93-09/30/97	46	98.6	98.346	103.4	92.3	8.011	2.83	94.16	96.1	100.925	101.53
00400	PH (STANDARD UNITS)	10/25/93-09/30/97	46	7.7	7.546	8.	6.3	0.133	0.364	6.9	7.3	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	10/25/93-09/30/97	46	7.7	7.332	8.	6.3	0.179	0.424	6.9	7.3	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/93-09/30/97	46	0.02	0.047	0.501	0.01	0.006	0.077	0.013	0.016	0.05	0.126
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/93-09/30/97	46	1.	3.587	41.	0.5	60.992	7.81	0.5	0.5	2.	9.9
00600	NITROGEN, TOTAL (MG/L AS N)	10/25/93-09/30/97	44	0.04	0.045	0.14	0.005	0.001	0.03	0.005	0.03	0.06	0.08
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/93-09/30/97	44 ##	0.005	0.007	0.028	0.005	0.	0.005	0.005	0.005	0.005	0.012
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/93-09/30/97	45	0.02	0.025	0.08	0.005	0.001	0.023	0.005	0.005	0.03	0.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/93-09/30/97	44 ##	0.005	0.013	0.118	0.005	0.	0.02	0.005	0.005	0.013	0.028
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/93-09/30/97	46 ##	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.005	0.005
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/25/93-09/30/97	46	1.5	4.457	96.	0.5	198.131	14.076	0.5	0.5	3.	7.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/25/93-09/30/97	46	0.151	0.211	1.982	-0.301	0.245	0.495	-0.301	-0.301	0.477	0.845
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.625								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/25/93-09/30/97	46	0.85	3.454	65.	0.25	103.939	10.195	0.25	0.6	1.75	7.09

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

EPA Water Quality Criteria Analysis for Station: OLYM0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	46	0	0.00	8	0	0.00	14	0	0.00	16	0	0.00	8	0	0.00
00400	PH	Fresh Chronic	9.	46	0	0.00	8	0	0.00	14	0	0.00	16	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	46	1	0.02	8	0	0.00	14	0	0.00	16	1	0.06	8	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	45	0	0.00	8	0	0.00	14	0	0.00	16	0	0.00	7	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	46	0	0.00	8	0	0.00	14	0	0.00	16	0	0.00	8	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	46	1	0.02	8	0	0.00	14	0	0.00	16	0	0.00	8	1	0.13

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

Station Inventory for Station: OLYM0003

NPS Station ID: OLYM0003
LAT/LON: 47.684170/-123.010282
Agency: 112WRD
Date Created: / /
Location: DUCKABUSH RIVER NEAR BRINNON, WASH.
FIPS State/County: 53013 WASHINGTON/COLUMBIA
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12054000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110018
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110018025
RF1 Mile Point: 4.890
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/60-09/16/74	23	7.2	8.143	15.1	4.	12.362	3.516	4.24	5.2	10.4	14.22
00060	FLOW, STREAM, MEAN DAILY CFS	07/18/60-08/01/61	8	587.	655.5	1140.	225.	114622.571	338.56	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/10/72-09/16/74	15	376.	567.267	2100.	143.	262652.352	512.496	184.4	254.	620.	1590.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/10/72-09/16/74	15	1.	2.233	6.	0.5	2.888	1.699	0.8	1.	3.	5.4
00080	COLOR (PLATINUM-COBALT UNITS)	07/18/60-09/16/74	23	5.	6.783	17.	0.	18.814	4.338	2.4	5.	8.	15.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/60-09/16/74	23	65.	66.043	120.	29.	262.589	16.205	51.8	60.	73.	80.6
00300	OXYGEN, DISSOLVED MG/L	02/02/61-09/16/74	22	12.3	12.082	13.6	10.3	1.113	1.055	10.46	11.225	13.	13.47
00400	PH (STANDARD UNITS)	07/18/60-09/16/74	23	7.5	7.552	7.9	7.2	0.026	0.162	7.34	7.5	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/18/60-09/16/74	23	7.5	7.524	7.9	7.2	0.027	0.165	7.34	7.5	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/60-09/16/74	23	0.032	0.03	0.063	0.013	0.	0.011	0.016	0.025	0.032	0.046
00405	CARBON DIOXIDE (MG/L AS CO2)	04/10/72-09/24/73	9	1.6	1.633	2.4	0.9	0.17	0.412	0.9	1.4	1.85	2.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/10/72-09/24/73	9	29.	28.444	34.	20.	20.278	4.503	20.	25.	32.5	34.
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/60-09/24/73	17	33.	32.765	41.	24.	24.941	4.994	25.6	29.	37.	40.2
00445	CARBONATE ION (MG/L AS CO3)	07/18/60-08/01/61	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/07/72-08/07/72	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/10/72-09/16/74	15	0.03	0.029	0.07	0.01	0.	0.016	0.01	0.02	0.04	0.052
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/10/72-08/07/72	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/28/72-05/29/73	4	0.002	0.002	0.003	0.002	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/10/72-08/07/72	3	0.03	0.03	0.05	0.01	0.	0.02	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/72-09/24/73	6	0.05	0.045	0.07	0.02	0.	0.022	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/10/72-08/07/72	3	0.14	0.17	0.24	0.13	0.004	0.061	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/73-09/16/74	6	0.035	0.035	0.06	0.01	0.	0.021	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/18/60-08/01/61	8	0.01	0.016	0.07	0.	0.001	0.023	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/07/72-09/16/74	12	0.005	0.008	0.03	0.	0.	0.01	0.	0.	0.01	0.027
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/10/72-09/16/74	15	0.01	0.013	0.06	0.003	0.	0.014	0.003	0.005	0.016	0.036
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/10/72-09/16/74	15	0.005	0.004	0.01	0.001	0.	0.002	0.002	0.002	0.005	0.007
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/60-09/24/73	17	28.	27.529	40.	20.	22.39	4.732	21.6	23.5	30.	33.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/60-09/24/73	17	0.	1.	7.	0.	3.125	1.768	0.	0.	2.	3.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/60-09/24/73	17	9.5	9.5	14.	6.9	2.888	1.699	6.98	8.3	10.5	11.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/60-09/24/73	17	0.9	0.947	1.3	0.7	0.041	0.203	0.7	0.75	1.1	1.22
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/60-09/24/73	17	1.3	1.3	1.9	0.4	0.15	0.387	0.8	1.05	1.55	1.9
00931	SODIUM ADSORPTION RATIO	04/10/72-09/24/73	9	0.1	0.1	0.2	0.	0.003	0.05	0.	0.1	0.1	0.2
00932	SODIUM, PERCENT	04/10/72-09/24/73	9	9.	8.889	12.	3.	6.611	2.571	3.	8.	10.5	12.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/60-09/24/73	17	0.1	0.153	0.5	0.	0.016	0.128	0.	0.1	0.2	0.34
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/60-09/24/73	17	0.8	0.806	2.	0.2	0.169	0.412	0.2	0.5	1.	1.2
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/60-09/24/73	14	4.	3.857	5.	2.	0.901	0.949	2.5	3.	5.	5.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/60-08/01/61	8	0.1	0.063	0.1	0.	0.003	0.052	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/60-08/01/61	8	5.95	5.9	7.1	4.6	0.749	0.865	**	**	**	**

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

Parameter Inventory for Station: OLYM0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	07/18/60-08/01/61	7	40.	48.571	100.	20.	947.619	30.783	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/10/72-09/16/74	13	60.	99.308	400.	20.	11886.231	109.024	20.	35.	135.	324.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/10/72-09/16/74	13	1.778	1.817	2.602	1.301	0.153	0.391	1.301	1.54	2.073	2.49
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			65.639								
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/18/60-08/01/61	8	0.	118.875	430.	0.	37861.554	194.58	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/18/60-08/01/61	8	0.	0.903	2.633	0.	1.597	1.264	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			8.003								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/60-08/01/61	8	38.	39.5	47.	34.	20.286	4.504	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/18/60-08/07/72	9	0.1	0.111	0.3	0.	0.009	0.093	0.	0.05	0.15	0.3
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/07/72-08/07/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0003

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-7/31----------			----------8/01-9/30----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	15	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00	3	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	0	0.00	2	0	0.00	6	0	0.00	10	0	0.00	4	0	0.00
00400	PH	Fresh Chronic	9.	23	0	0.00	2	0	0.00	6	0	0.00	11	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	23	0	0.00	2	0	0.00	6	0	0.00	11	0	0.00	4	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00							2	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00							2	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	0	0.00	1	0	0.00	4	0	0.00	9	0	0.00	3	0	0.00
		Drinking Water	250.	17	0	0.00	1	0	0.00	4	0	0.00	9	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	14	0	0.00	1	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	8	0	0.00				2	0	0.00	5	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	8	0	0.00				2	0	0.00	5	0	0.00	1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00				2	0	0.00	5	0	0.00	2	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0004

NPS Station ID: OLYM0004
LAT/LON: 47.588337/-123.115838
Agency: 112WRD
Date Created: / /
Location: HAMMA HAMMA RIVER NEAR ELDON, WASH.
FIPS State/County: 53045 WASHINGTON/MASON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12054500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110018
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110018029
RF1 Mile Point: 5.890
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/28/72-09/16/74	11	7.8	7.555	11.4	3.8	5.361	2.315	4.02	5.8	9.6	11.14
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/28/72-09/16/74	11	1.	2.545	8.	1.	4.873	2.207	1.	1.	4.	7.2
00080	COLOR (PLATINUM-COBALT UNITS)	11/28/72-09/16/74	11	5.	4.818	7.	0.	5.164	2.272	0.4	3.	7.	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/28/72-09/16/74	11	61.	62.545	75.	40.	95.873	9.791	43.	59.	71.	74.2
00300	OXYGEN, DISSOLVED MG/L	11/28/72-09/16/74	11	12.	12.236	14.	11.	1.031	1.015	11.	11.2	13.2	13.86
00400	PH (STANDARD UNITS)	11/28/72-09/16/74	11	7.5	7.518	7.8	7.4	0.014	0.117	7.4	7.4	7.6	7.76
00400	CONVERTED PH (STANDARD UNITS)	11/28/72-09/16/74	11	7.5	7.505	7.8	7.4	0.014	0.118	7.4	7.4	7.6	7.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/28/72-09/16/74	11	0.032	0.031	0.04	0.016	0.	0.007	0.018	0.025	0.04	0.04
00405	CARBON DIOXIDE (MG/L AS CO2)	11/28/72-09/24/73	5	1.6	1.7	2.4	1.	0.28	0.529	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/28/72-09/24/73	5	30.	29.2	34.	25.	13.7	3.701	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/28/72-09/24/73	5	37.	35.8	41.	31.	17.7	4.207	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/28/72-09/16/74	11	0.04	0.69	7.2	0.01	4.662	2.159	0.01	0.01	0.06	5.776
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/28/72-05/29/73	3	0.002	0.003	0.004	0.002	0.	0.001	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/72-09/24/73	5	0.06	0.08	0.15	0.04	0.002	0.045	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/73-09/16/74	6	0.065	0.132	0.35	0.03	0.017	0.132	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/12/73-09/16/74	10	0.005	0.008	0.03	0.	0.	0.01	0.	0.	0.013	0.029
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/28/72-09/16/74	11	0.01	0.014	0.07	0.002	0.	0.019	0.002	0.005	0.011	0.059
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/28/72-09/16/74	11	0.005	0.005	0.01	0.001	0.	0.002	0.001	0.004	0.005	0.009
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/28/72-09/24/73	5	29.	27.6	30.	24.	6.3	2.51	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/28/72-09/24/73	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/28/72-09/24/73	5	9.8	9.26	10.	7.6	1.068	1.033	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/28/72-09/24/73	5	1.1	1.1	1.2	0.9	0.015	0.122	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/28/72-09/24/73	5	1.3	1.34	1.6	1.	0.053	0.23	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/28/72-09/24/73	5	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/28/72-09/24/73	5	10.	9.6	11.	8.	1.3	1.14	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/28/72-09/24/73	5	0.2	0.18	0.3	0.1	0.007	0.084	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/28/72-09/24/73	5	2.	1.76	3.	0.8	0.788	0.888	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/72-09/24/73	5	3.	2.8	3.	2.	0.2	0.447	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/28/72-09/16/74	10	65.	105.	400.	30.	13005.556	114.042	31.	47.5	110.	380.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/28/72-09/16/74	10	1.812	1.875	2.602	1.477	0.113	0.336	1.49	1.675	2.003	2.572
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			75.018								

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00
00400	PH	Fresh Chronic	9.	11	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	250.	5	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00

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

Station Inventory for Station: OLYM0005

NPS Station ID: OLYM0005 LAT/LON: 47.588337/-123.115838 Agency: 21540000 Date Created: / /
Location: HAMMA HAMMA RIVER NEAR ELDON FIPS State/County: 53045 WASHINGTON/MASON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 16B110 /4516B110 /12054500
RMI-Indexes: 1311211 000900 Within Park Boundary: No
RMI-Miles: 0037.30 0006.20
HUC: 17110018 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PUGET SOUND (SKOKOMISH DOSEWALLIPS-16) ECO Region:
RF1 Index: 17110018029 RF1 Mile Point: 5.890 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
STATION LOCATED APPROX 5 MILES UPSTREAM FROM HOOD CANAL ON THE HAMMA HAMMA RIVER NEAR THE HAMMA HAMMA RIVER GUARD STATION
SOUTHWEST REGION 15 QUAD- THE BROTHERS
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 650

Parameter Inventory for Station: OLYM0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/93-09/26/94	12	7.8	7.333	10.3	4.5	4.292	2.072	4.59	5.375	9.4	10.09
00025	BAROMETRIC PRESSURE (MM OF HG)	10/25/93-09/26/94	12	751.	750.75	766.	741.	53.295	7.3	741.3	744.25	753.75	764.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/93-09/26/94	12	62.5	62.833	74.	52.	58.697	7.661	52.3	55.25	70.25	73.7
00300	OXYGEN, DISSOLVED MG/L	10/25/93-09/26/94	12	11.85	11.833	12.6	10.4	0.402	0.634	10.7	11.425	12.475	12.57
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/25/93-09/26/94	12	99.35	99.075	102.9	93.4	6.462	2.542	94.45	97.625	100.725	102.66
00400	PH (STANDARD UNITS)	10/25/93-09/26/94	12	7.4	7.4	7.8	7.	0.053	0.23	7.03	7.3	7.575	7.77
00400	CONVERTED PH (STANDARD UNITS)	10/25/93-09/26/94	12	7.4	7.345	7.8	7.	0.056	0.237	7.03	7.3	7.575	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/93-09/26/94	12	0.04	0.045	0.1	0.016	0.001	0.024	0.017	0.027	0.05	0.094
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/93-09/26/94	12 ##	0.75	2.	15.	0.5	16.955	4.118	0.5	0.5	1.	11.1
00600	NITROGEN, TOTAL (MG/L AS N)	10/25/93-08/22/94	10	0.09	0.107	0.17	0.06	0.002	0.042	0.061	0.07	0.155	0.17
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/93-08/22/94	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/93-09/26/94	11	0.07	0.076	0.14	0.03	0.001	0.038	0.032	0.04	0.1	0.14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/93-08/22/94	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/25/93-09/26/94	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/25/93-09/26/94	12	1.	1.292	4.	0.5	1.112	1.054	0.5	0.5	2.	3.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/25/93-09/26/94	12	0.	0.	0.602	-0.301	0.099	0.314	-0.301	-0.301	0.301	0.512
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/25/93-09/26/94	12	0.5	0.958	6.6	0.25	3.182	1.784	0.25	0.25	0.6	4.83

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

EPA Water Quality Criteria Analysis for Station: OLYM0005

Parameter				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00400	PH	Fresh Chronic	9.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00

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

Station Inventory for Station: OLYM0006

NPS Station ID: OLYM0006 | LAT/LON: 47.839726/-123.188337 | Agency: 12WLS1 | Date Created: 09/03/88
Location: (NO NAME) | | FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/LAKE | | STORET Station ID(s): 4B3-032
RMI-Indexes: | | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 36 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | | ECO Region:
RF1 Index: 17110020 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: OLYM0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/85-09/27/85	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/27/85-09/27/85	1	3.25	3.25	3.25	3.25	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/27/85-09/27/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/85-09/27/85	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/27/85-09/27/85	1	6.246	6.246	6.246	6.246	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/27/85-09/27/85	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/27/85-09/27/85	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/85-09/27/85	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/27/85-09/27/85	1	455.8	455.8	455.8	455.8	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/27/85-09/27/85	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/27/85-09/27/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/27/85-09/27/85	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/27/85-09/27/85	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/27/85-09/27/85	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/27/85-09/27/85	1	1.32	1.32	1.32	1.32	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/27/85-09/27/85	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/27/85-09/27/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/27/85-09/27/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/27/85-09/27/85	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/27/85-09/27/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/27/85-09/27/85	1	47.	47.	47.	47.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/27/85-09/27/85	1	0.029	0.029	0.029	0.029	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/27/85-09/27/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/27/85-09/27/85	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/27/85-09/27/85	1	5928.61	5928.61	5928.61	5928.61	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/27/85-09/27/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/27/85-09/27/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: OLYM0006

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00										1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0007

NPS Station ID: OLYM0007
LAT/LON: 48.086393/-123.273893
Agency: 112WRD
Date Created: 12/02/81
Location: AGNEW DITCH AT BLUE MOUNTAIN RD
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480511123162601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/80-06/17/80	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/17/80-06/17/80	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/17/80-06/17/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/17/80-06/17/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/17/80-06/17/80	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0007

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OLYM0008

NPS Station ID: OLYM0008 LAT/LON: 47.514448/-123.328616 Agency: 112WRD Date Created: 01/25/77
Location: NF SKOKOMISH R BLW STRCSE RPDS NR HDSPRT, WASH. FIPS State/County: 53045 WASHINGTON/MASON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12056500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17110017 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110017006 RF1 Mile Point: 1.160 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	108	5.6	6.434	12.3	2.3	7.765	2.787	3.39	4.2	8.675	10.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/16/85-04/11/97	17	7.4	9.224	23.3	0.1	42.308	6.504	0.82	5.4	13.25	22.02
00025	BAROMETRIC PRESSURE (MM OF HG)	01/17/85-04/11/97	29	744.	745.793	765.	735.	43.956	6.63	740.	742.	750.	752.
00060	FLOW, STREAM, MEAN DAILY CFS	12/12/74-12/12/74	1	700.	700.	700.	700.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/73-07/16/81	44	402.	642.159	3300.	75.	544680.649	738.025	108.	213.25	670.	1750.
00065	STAGE, STREAM (FEET)	03/13/96-04/11/97	14	2.82	3.116	7.03	1.71	2.022	1.422	1.715	2.188	3.353	6.065
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/73-09/12/78	29	0.	0.759	6.	0.	2.404	1.55	0.	0.	1.	4.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/19/78-09/15/83	35	0.5	0.771	7.	0.	1.623	1.274	0.	0.	1.	1.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	107	77.	77.374	104.	34.	180.783	13.446	59.8	70.	86.	96.
00300p	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	108	12.4	12.219	14.9	9.3	1.061	1.03	10.8	11.5	13.	13.4
00400p	PH (STANDARD UNITS)	09/20/73-04/11/97	105	7.5	7.478	8.2	6.	0.174	0.417	6.9	7.3	7.8	7.9
00400p	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	105	7.5	7.203	8.2	6.	0.25	0.5	6.9	7.3	7.8	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	105	0.032	0.063	1.	0.006	0.014	0.12	0.013	0.016	0.05	0.126
00403	PH, LAB, STANDARD UNITS SU	03/13/96-04/11/97	17	7.4	7.418	7.6	7.2	0.014	0.119	7.2	7.35	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	03/13/96-04/11/97	17	7.4	7.402	7.6	7.2	0.014	0.12	7.2	7.35	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/13/96-04/11/97	17	0.04	0.04	0.063	0.025	0.	0.011	0.025	0.032	0.045	0.063
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	09/28/95-04/11/97	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	09/28/95-04/11/97	19	36.	35.421	49.	17.	72.924	8.54	20.	32.	41.	48.
00600	NITROGEN, TOTAL (MG/L AS N)	12/20/73-07/16/81	40	0.175	0.254	0.85	0.03	0.051	0.226	0.04	0.07	0.365	0.618
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/20/73-04/16/81	38	0.09	0.191	0.82	0.	0.047	0.217	0.	0.02	0.258	0.561
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/96-04/11/97	18 ##	0.008	0.014	0.04	0.008	0.	0.01	0.008	0.008	0.02	0.031
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/20/73-02/11/82	39	0.01	0.017	0.05	0.005	0.	0.014	0.005	0.01	0.02	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	03/13/96-04/11/97	18 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.006	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/20/73-09/18/80	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/20/73-09/18/80	3	0.02	0.027	0.05	0.01	0.	0.021	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	03/13/96-04/11/97	18 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	91	0.1	0.212	0.83	0.02	0.036	0.188	0.05	0.1	0.3	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	88	0.05	0.049	0.76	0.01	0.006	0.08	0.01	0.02	0.05	0.051
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/13/96-04/11/97	18	0.06	0.059	0.1	0.025	0.001	0.03	0.025	0.025	0.09	0.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/07/79-06/07/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/20/73-09/18/80	37	0.	0.024	0.25	0.	0.003	0.052	0.	0.	0.03	0.066
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	105 ##	0.005	0.013	0.4	0.005	0.002	0.039	0.005	0.005	0.01	0.02
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/13/96-04/11/97	18 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.006
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	55 ##	0.005	0.009	0.08	0.005	0.	0.013	0.005	0.005	0.01	0.014
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/13/96-04/11/97	17	0.6	1.041	3.7	0.4	0.703	0.838	0.48	0.55	1.45	2.34
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	03/13/96-03/18/97	15	0.1	0.277	1.4	0.05	0.193	0.439	0.05	0.1	0.2	1.34
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/13/96-04/11/97	17	12.	11.141	16.	4.9	9.18	3.03	6.02	9.6	13.	15.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/13/96-04/11/97	17	0.8	0.847	1.1	0.4	0.044	0.21	0.48	0.75	1.	1.1

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

Parameter Inventory for Station: OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/13/96-04/11/97	17	1.4	1.388	1.9	0.7	0.125	0.353	0.86	1.15	1.6	1.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/13/96-04/11/97	17	0.1	0.124	0.2	0.05	0.003	0.056	0.05	0.1	0.2	0.2
00940	CHLORIDE,TOTAL IN WATER MG/L	03/13/96-04/11/97	17	0.7	0.665	0.9	0.5	0.014	0.117	0.5	0.6	0.75	0.82
00945	SULFATE, TOTAL (MG/L AS SO4)	03/13/96-04/11/97	17	5.	4.941	7.	2.	2.059	1.435	2.8	4.	6.	7.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/13/96-04/11/97	17 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/13/96-04/11/97	17	5.2	4.806	5.9	2.6	0.996	0.998	3.16	4.1	5.6	5.82
01046	IRON, DISSOLVED (UG/L AS FE)	03/13/96-04/11/97	17 ##	1.5	5.294	22.	1.5	39.439	6.28	1.5	1.5	8.5	18.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/13/96-04/11/97	17 ##	0.5	0.618	2.	0.5	0.142	0.376	0.5	0.5	0.5	1.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/20/73-09/12/78	27	10.	785.852	20000.	2.	14750640.977	3840.656	2.	4.	92.	224.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/20/73-09/12/78	27	1.	1.274	4.301	0.301	0.825	0.908	0.301	0.602	1.964	2.347
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.789								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	69	1.	2.688	56.	0.5	48.699	6.978	0.5	0.5	2.	5.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	69	0.	0.084	1.748	-0.301	0.2	0.447	-0.301	-0.301	0.301	0.699
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.212								
34790	SURFACTANTS, AS CTAS, WATER MG/L	09/28/95-09/28/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
34795	ANTIMONY,SED,BOT,	09/28/95-09/28/95	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
34800	ARSENIC,SED,BOT,WET SIEVE,	09/28/95-09/28/95	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
34805	BARIUM,SED,BOT,	09/28/95-09/28/95	1	670.	670.	670.	670.	0.	0.	**	**	**	**
34810	BERYLLIUM,SED,BOT,WET SIEVE,	09/28/95-09/28/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34816	BISMUTH,SED,BOT,WET SIEVE,	09/28/95-09/28/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34825	CADMIUM,SED,BOT,	09/28/95-09/28/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34830	CALCIUM,SED,BOT,	09/28/95-09/28/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34835	CERIUM,SED,BOT,	09/28/95-09/28/95	1	88.	88.	88.	88.	0.	0.	**	**	**	**
34840	CHROMIUM,SED,BOT,	09/28/95-09/28/95	1	110.	110.	110.	110.	0.	0.	**	**	**	**
34845	COBALT,SED,BOT,	09/28/95-09/28/95	1	22.	22.	22.	22.	0.	0.	**	**	**	**
34850	COPPER,SED,BOT,	09/28/95-09/28/95	1	48.	48.	48.	48.	0.	0.	**	**	**	**
34855	EUROPIUM,SED,BOT,	09/28/95-09/28/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34860	GALLIUM,SED,BOT,	09/28/95-09/28/95	1	19.	19.	19.	19.	0.	0.	**	**	**	**
34870	GOLD,SED,BOT,	09/28/95-09/28/95	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34875	HOLMIUM,SED,BOT,	09/28/95-09/28/95	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34880	IRON,SED,BOT,	09/28/95-09/28/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
34885	LANTHANUM,SED,BOT,	09/28/95-09/28/95	1	40.	40.	40.	40.	0.	0.	**	**	**	**
34890	LEAD,SED,BOT,	09/28/95-09/28/95	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34895	LITHIUM,SED,BOT,	09/28/95-09/28/95	1	50.	50.	50.	50.	0.	0.	**	**	**	**
34900	MAGNESIUM,SED,BOT,	09/28/95-09/28/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34905	MANGANESE,SED,BOT,	09/28/95-09/28/95	1	940.	940.	940.	940.	0.	0.	**	**	**	**
34910	MERCURY,SED,BOT,	09/28/95-09/28/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
34915	MOLYBDENUM,SED,BOT,	09/28/95-09/28/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34920	NEODYMIUM,SED,BOT,	09/28/95-09/28/95	1	40.	40.	40.	40.	0.	0.	**	**	**	**
34925	NICKEL,SED,BOT,	09/28/95-09/28/95	1	54.	54.	54.	54.	0.	0.	**	**	**	**
34930	NIOBIUM,SED,BOT,	09/28/95-09/28/95	1	15.	15.	15.	15.	0.	0.	**	**	**	**
34935	PHOSPHORUS,SED,BOT,	09/28/95-09/28/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34940	POTASSIUM,SED,BOT,	09/28/95-09/28/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34945	SCANDIUM,SED,BOT,	09/28/95-09/28/95	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34950	SELENIUM,SED,BOT,	09/28/95-09/28/95	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
34955	SILVER,SED,BOT,	09/28/95-09/28/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34960	SODIUM,SED,BOT,	09/28/95-09/28/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34965	STRONTIUM,SED,BOT,	09/28/95-09/28/95	1	190.	190.	190.	190.	0.	0.	**	**	**	**
34970	SULFUR,SED,BOT,	09/28/95-09/28/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34975	TANTALUM,SED,BOT,	09/28/95-09/28/95	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34980	THORIUM,SED,BOT,	09/28/95-09/28/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
34985	TIN,SED,BOT,	09/28/95-09/28/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
35000	URANIUM,SED,BOT,	09/28/95-09/28/95	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
35005	VANADIUM,SED,BOT,	09/28/95-09/28/95	1	130.	130.	130.	130.	0.	0.	**	**	**	**
35010	YTTRIUM,SED,BOT,	09/28/95-09/28/95	1	26.	26.	26.	26.	0.	0.	**	**	**	**
35015	YTTERBIUM,SED,BOT,	09/28/95-09/28/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
35020	ZINC,SED,BOT,	09/28/95-09/28/95	1	110.	110.	110.	110.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	09/28/95-04/11/97	19	30.	29.158	40.	14.	50.474	7.104	16.	26.	34.	40.
49237	ALUMINUM, DRY WEIGHT, TISSUE/BIOTA,RECV UG/G	09/28/95-09/28/95	1	89.2	89.2	89.2	89.2	0.	0.	**	**	**	**
49238	BARIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
49239	BORON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
49240	CHROMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
49241	COPPER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49242	IRON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	156.	156.	156.	156.	0.	0.	**	**	**	**
49243	MANGANESE, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
49244	STRONTIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	105.	105.	105.	105.	0.	0.	**	**	**	**
49245	ZINC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	55.9	55.9	55.9	55.9	0.	0.	**	**	**	**
49246	ANTIMONY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49247	ARSENIC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49248	BERYLLIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49249	CADMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49250	COBALT, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
49251	LEAD, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49252	MOLYBDENUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49253	NICKEL, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
49254	SELENIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
49255	SILVER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49257	URANIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49258	MERCURY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	09/28/95-09/28/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
49261	ALPHA-BHC,D6, WET WT.,TISSUE,WHOLE ORG,RECV %	09/28/95-09/28/95	1	78.	78.	78.	78.	0.	0.	**	**	**	**
49264	BIPHENYL,3,5-DICHLORO-,WET WT,TISS,WHL ORG,RECV %	09/28/95-09/28/95	1	71.	71.	71.	71.	0.	0.	**	**	**	**
49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	09/28/95-09/28/95	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	09/28/95-09/28/95	1	3.91	3.91	3.91	3.91	0.	0.	**	**	**	**
49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	09/28/95-09/28/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
49270	CARBON,INORGANIC, DRY WT,SEDIMENT,RECV,SIEVE	09/28/95-09/28/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
49271	CARBON,ORGANIC,DRY WT,SEDIMENT,RECV,SIEVE	09/28/95-09/28/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
49272	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	09/28/95-09/28/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
49273	WATER PRESENT,DRY WT,TISSUE/BIOTA,LIVER,RECV UG/G	09/28/95-09/28/95	1	75.	75.	75.	75.	0.	0.	**	**	**	**
49274	TITANIUM, DRY WT, SIEVE	09/28/95-09/28/95	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
49275	ALPHA-BHC,D6, DRY WT,SIEVE	09/28/95-09/28/95	1	82.	82.	82.	82.	0.	0.	**	**	**	**
49276	OCTACHLOROBIPHENYL,DRY WT,SIEVE	09/28/95-09/28/95	1	100.	100.	100.	100.	0.	0.	**	**	**	**
49277	BIPHENYL,3,5-DICHLORO-,DRY WT,SIEVE	09/28/95-09/28/95	1	89.	89.	89.	89.	0.	0.	**	**	**	**
49278	TERPHENYL,D14-,DRY WT,SIEVE	09/28/95-09/28/95	1	81.	81.	81.	81.	0.	0.	**	**	**	**
49279	BIPHENYL, 2-FLUORO,DRY WT,SIEVE	09/28/95-09/28/95	1	70.	70.	70.	70.	0.	0.	**	**	**	**
49280	BENZENE,NITRO-,D5,DRY WT,SIEVE	09/28/95-09/28/95	1	84.	84.	84.	84.	0.	0.	**	**	**	**
49289	LIPIDS, WET WEIGHT, TISSUE, WHOLE ORGANISM,RECV %	09/28/95-09/28/95	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
49316	NONACHLOR,CIS-,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49317	NONACHLOR,TRANS-,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49318	OXYCHLORDANE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49319	ALDRIN,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49320	CHLORDANE, CIS-,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49321	CHLORDANE,TRANS-,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49322	CHLORONEB,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49324	DCPA,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49325	DDD,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49326	DDD,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49327	DDE,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49328	DDE,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49329	DDT,O,P'-,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49330	DDT,P,P'-,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49331	DIELDRIN,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49332	ENDOSULFAN I,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49335	ENDRIN,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49338	ALPHA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49339	BETA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49341	HEPTACHLOR,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49342	HEPTACHLOR EPOXIDE,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49343	HEXACHLOROBENZENE,DRY WT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49344	ISODRIN,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49345	LINDANE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49346	METHOXYCHLOR,P,P'-,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49347	METHOXYCHLOR,O,P'-,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49348	MIREX,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49349	PERMETHRIN,CIS-,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49350	PERMETHRIN,TRANS-,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49351	TOXAPHENE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49353	ALDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49354	PCB, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49355	TOXAPHENE, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
49356	PENTACHLOROANISOLE,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49357	OXYCHLORDANE,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49358	NONACHLOR,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49359	NONACHLOR,CIS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49360	MIREX,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49361	METHOXYCHLOR,P,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49362	METHOXYCHLOR,O,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49363	LINDANE,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49364	DELTA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49365	BETA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49366	ALPHA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49367	HEXACHLOROBENZENE,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49368	HEPTACHLOR EPOXIDE,WET WT,TISS,WHOLE ORG,RECVUG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49369	HEPTACHLOR,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49370	ENDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49371	DIELDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49372	DDE,P,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49373	DDE,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49374	DDD,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49375	DDD,P,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49376	DDT,P,P',WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49377	DDT,O,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49378	DCPA,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49379	CHLORDANE,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49380	CHLORDANE,CIS-,WET WEIGHT,TISS,WHOLE ORG,RECVUG/KG	09/28/95-09/28/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49381	DIBUTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1	53.	53.	53.	53.	0.	0.	**	**	**	**
49382	DIOCTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49384	DIMETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49387	PYRENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49388	METHYLPYRENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49389	METHYLBENZO(A)PYRENE,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49390	METHYLINDENO(1,2,3-CD)PYRENE,DRY WT,SEV	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49392	QUINOLINE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49393	PHENANTHRIDINE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49394	ISOQUINOLINE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49395	TOLUENE, 2,4-DINITRO-,DRY WEIGHT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49396	TOLUENE, 2,6-DINITRO-,DRY WEIGHT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49397	BENZO(K)FLUORANTHENE,DRY WEIGHT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49398	METHYL-9H-FLUORENE,DRY WEIGHT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49399	FLUORENE,9H-,DRY WEIGHT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49400	ISOPHORONE,DRY WEIGHT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49401	METHANE, BIS(2-CHLOROETHOXY),DRY WT,SEV	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49402	NAPHTHALENE, DRY WEIGHT, SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49403	NAPHTHALENE, 1,2-DIMETHYL-,DRY WT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49404	NAPHTHALENE, 1,6-DIMETHYL-,DRY WT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49405	NAPHTHALENE, 2,3,6-TRIMETHYL-,DRY WT,SEV	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49406	NAPHTHALENE, 2,6-DIMETHYL-,DRY WT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49407	NAPHTHALENE, 2-CHLORO-,DRY WT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49408	BENZO(G,H,I)PERYLENE,DRY WEIGHT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49409	PHENANTHRENE,DRY WEIGHT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49410	METHYLPHENANTHRENE,DRY WT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49411	CYCLOPENTA(DEF)PHENANTHRENE, 4H-,DRY WT,SEV	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49421	XYLENOL, 3,5-,DRY WEIGHT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49422	M-CRESOL, 4-CHLORO-,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49424	PHENOL, C8-ALKYL-,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49426	PHTHALATE, BIS(2-ETHYLHEXYL)-,DRY WT,SEV	09/28/95-09/28/95	1	84.	84.	84.	84.	0.	0.	**	**	**	**
49428	ACENAPHTHYLENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49429	ACENAPHTHENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49430	ACRIDINE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49431	N-NITROSO-DIPROPYLAMINE,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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Parameter Inventory for Station: OLYM0008

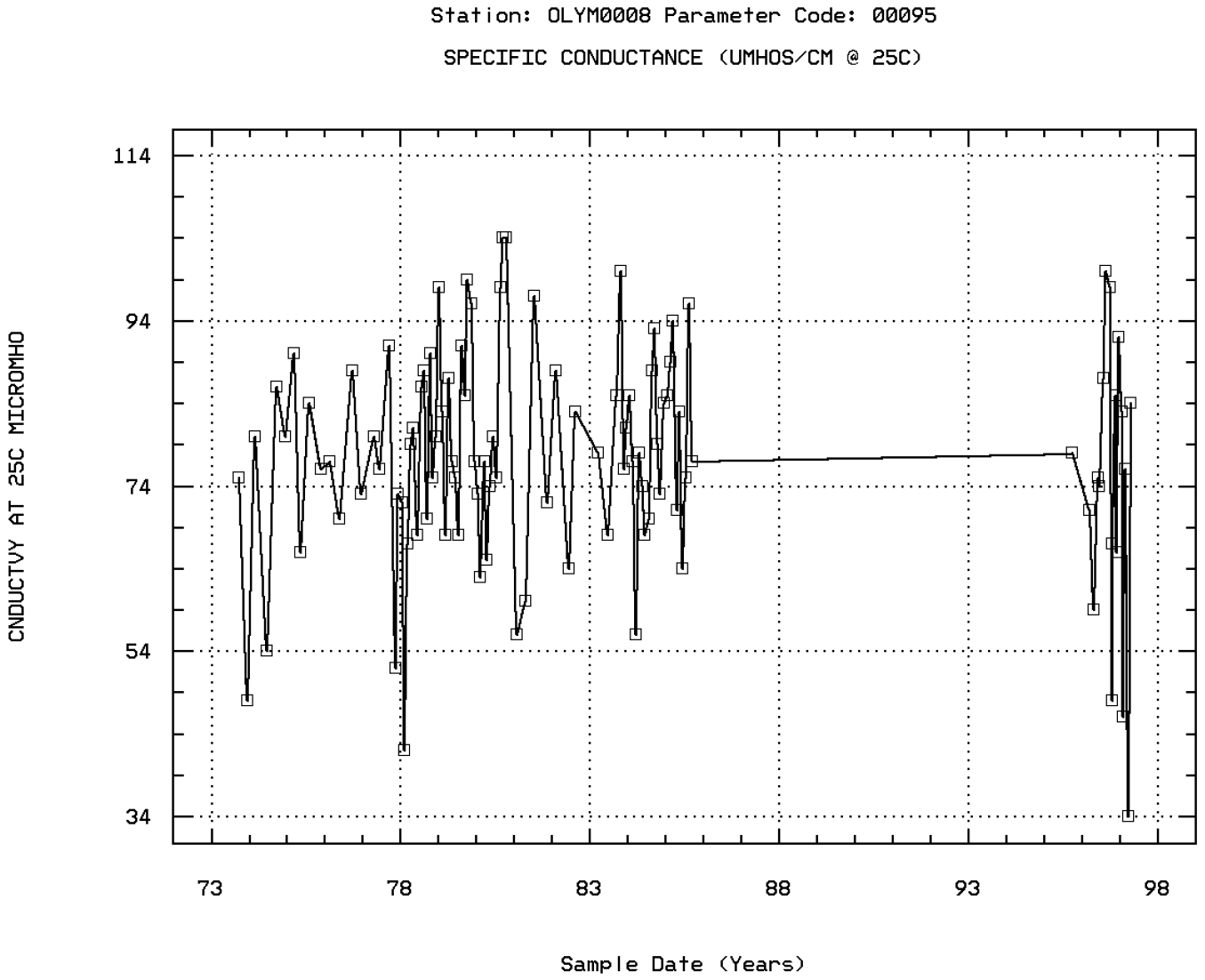
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49433	N-NITROSO-DIPHENYLAMINE,DRY WT,SED,SEV	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49434	ANTHRACENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49435	ANTHRACENE, 2-METHYL-,DRY WEIGHT,SED,SEV	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49436	BENZ(A)ANTHRACENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49437	ANTHRAQUINONE, 9, 10-,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49438	BENZENE, 1,2,4-TRICHLORO-,DRY WT,SED,SEV	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49439	BENZENE, O-DICHLORO-,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49441	BENZENE, M-DICHLORO-,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49442	BENZENE, P-DICHLORO-,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49443	AZOBENZENE,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49444	BENZENE, NITRO-,DRY WT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49446	BENZENE,PENTACHLORONITRO-,DRY WT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49449	CARBAZOLE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49450	CHRYSENE,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49451	P-CRESOL,DRY WEIGHT,SEDIMENT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49452	DIBENZOTHIOPHENE,DRY WEIGHT,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49454	BROMOPHENYL, 4-PHENYL ETHER,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49455	CHLOROPHENYL,4-PHENYL ETHER,SED,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49458	BENZO(B)FLUORANTHENE,DRY WT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49459	PCB,DRY WEIGHT,BED MATERIAL,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49460	PENTACHLOROANISOLE,DRY WT,BED MAT,SIEVE	09/28/95-09/28/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49461	DIBENZ(A,H)ANTHRACENE,DRY WT,SIEVE	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49465	VANADIUM,BIOTA,TISSUE,LIVER,DRY WEIGHT,RECV UG/G	09/28/95-09/28/95	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
49466	FLUORANTHENE,SED,BED MAT,WET SIEV	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49467	PHENOL, O-CHLORO,SED,BED MAT,WETSEV	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49468	BENZO(C)CINNOLINE,SED,BED MAT,WETSEV	09/28/95-09/28/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49490	VISUAL OBSERVATION, SUSPENDED, WATER CODE	09/28/95-09/28/95	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/13/96-04/11/97	17	46.	45.529	67.	25.	100.89	10.044	28.2	39.	52.	58.2
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/17/96-04/17/96	1	75.	75.	75.	75.	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/10/79-09/18/80	17	0.01	0.016	0.05	0.	0.	0.019	0.	0.	0.025	0.05
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/10/79-03/21/84	29	0.03	0.032	0.12	0.	0.001	0.029	0.	0.015	0.03	0.09
71887	NITROGEN, TOTAL, AS NO3 - MG/L	12/20/73-07/16/81	40	0.75	1.128	3.8	0.1	1.012	1.006	0.2	0.3	1.6	2.7
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/13/96-04/11/97	17	1.	8.824	77.	0.	406.279	20.156	0.	1.	3.5	48.2

** - 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: OLYM0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	29	0	0.00	2	0	0.00	11	0	0.00	9	0	0.00	7	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	35	0	0.00	6	0	0.00	11	0	0.00	12	0	0.00	6	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	108	0	0.00	17	0	0.00	37	0	0.00	34	0	0.00	20	0	0.00
00400	PH	Fresh Chronic	9.	105	0	0.00	16	0	0.00	36	0	0.00	33	0	0.00	20	0	0.00
		Other-Lo Lim.	6.5	105	4	0.04	16	0	0.00	36	1	0.03	33	1	0.03	20	2	0.10
00403	PH, LAB	Fresh Chronic	9.	17	0	0.00	4	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	17	0	0.00	4	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	18	0	0.00	5	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00				2	0	0.00				1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00				2	0	0.00				1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	88	0	0.00	12	0	0.00	30	0	0.00	29	0	0.00	17	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	18	0	0.00	5	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	17	0	0.00	4	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	250.	17	0	0.00	4	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	17	0	0.00	4	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	17	0	0.00	4	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	27	1	0.04	2	0	0.00	9	0	0.00	9	1	0.11	7	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	69	0	0.00	11	0	0.00	24	0	0.00	24	0	0.00	10	0	0.00

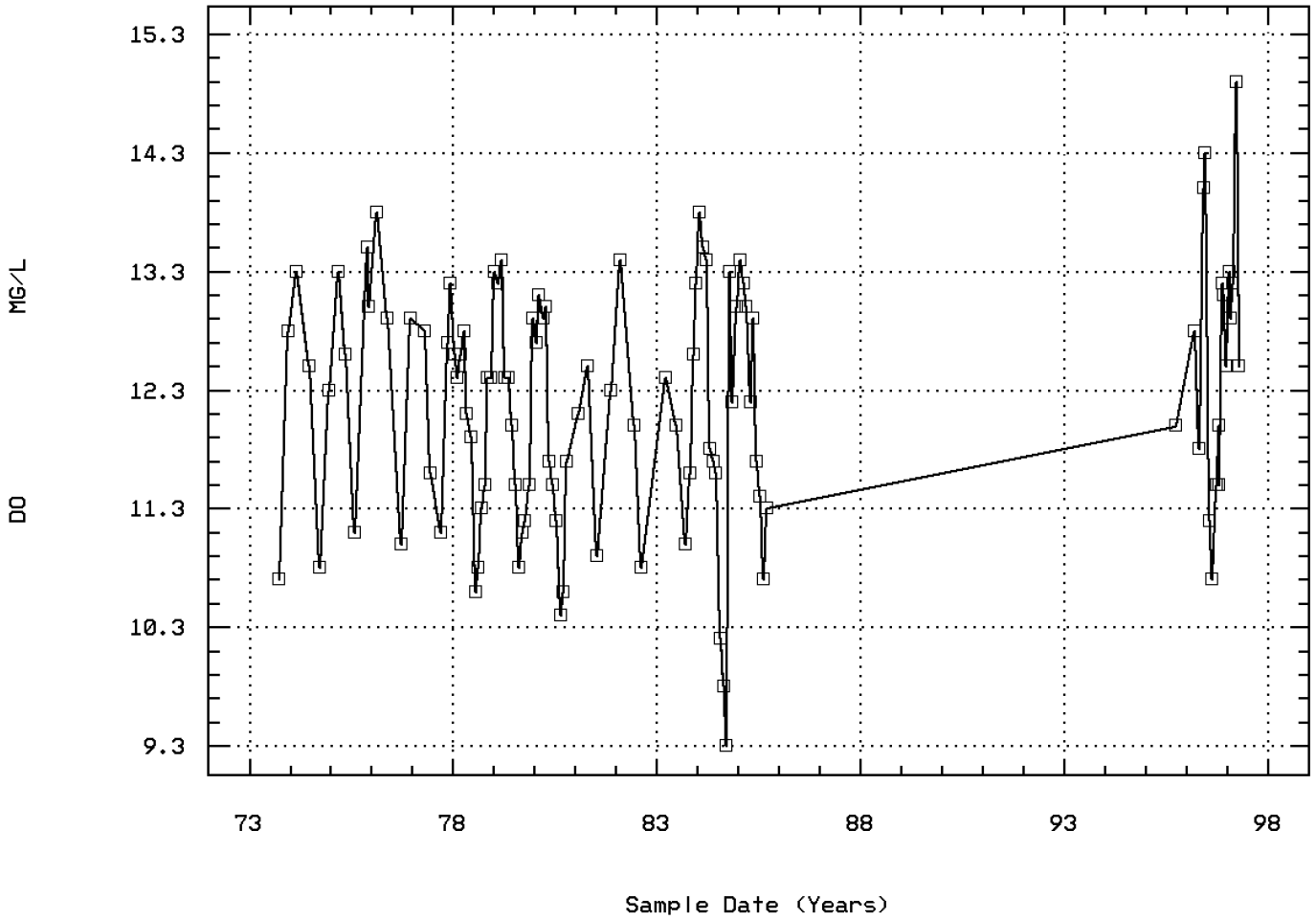
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Station: OLYM0008 Parameter Code: 00300

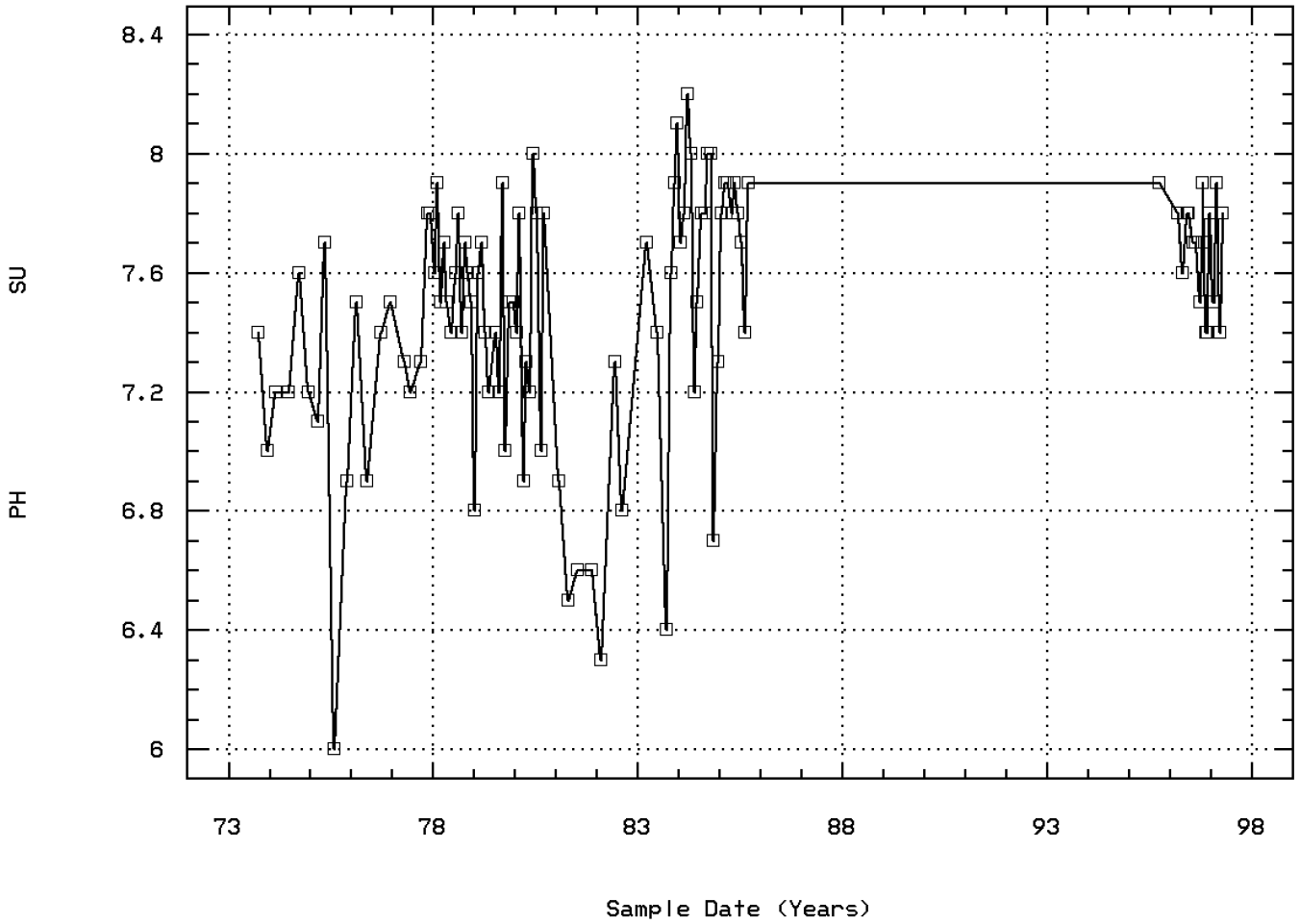
OXYGEN, DISSOLVED



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Station: OLYM0008 Parameter Code: 00400

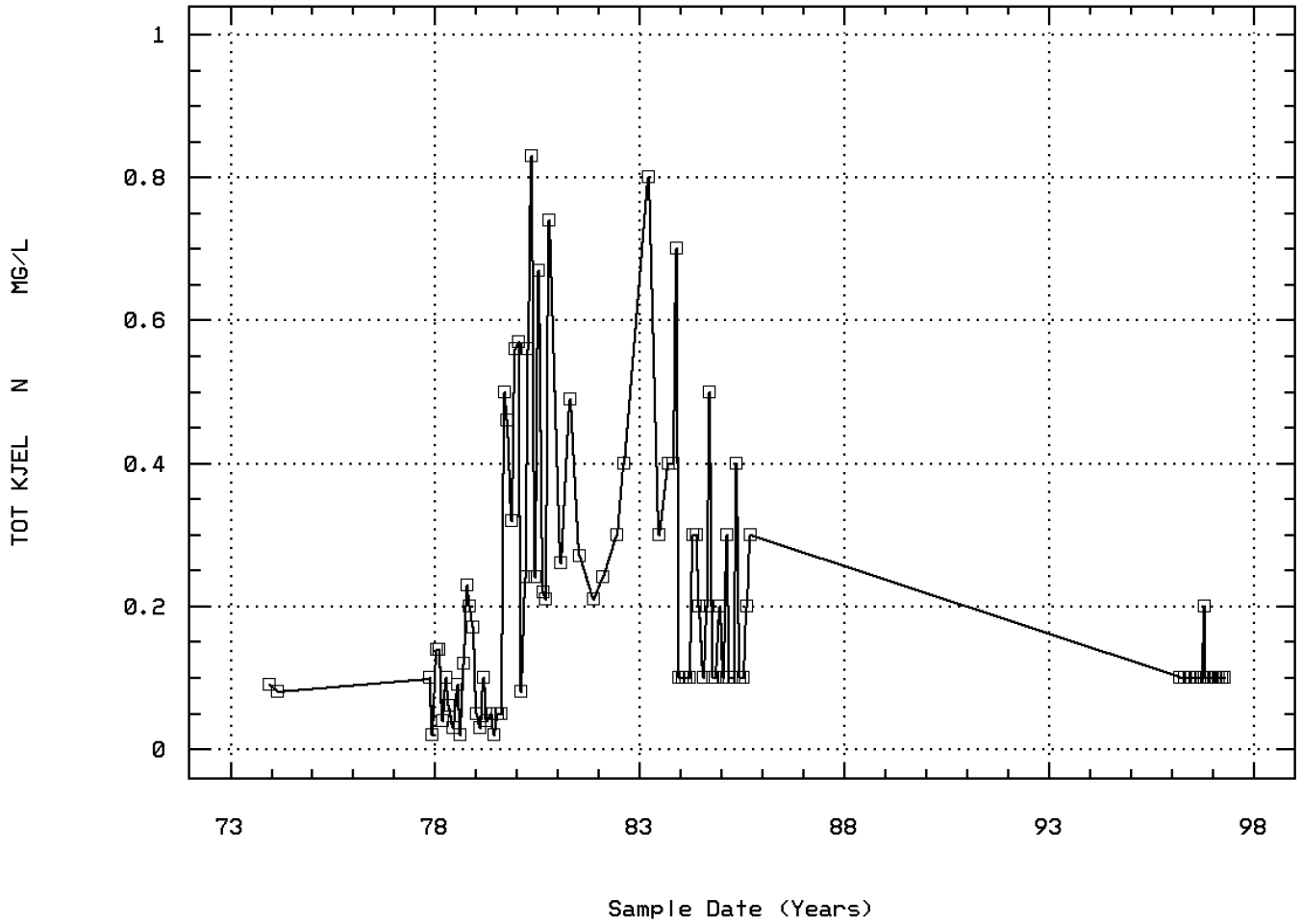
PH (STANDARD UNITS)



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Station: OLYM0008 Parameter Code: 00625

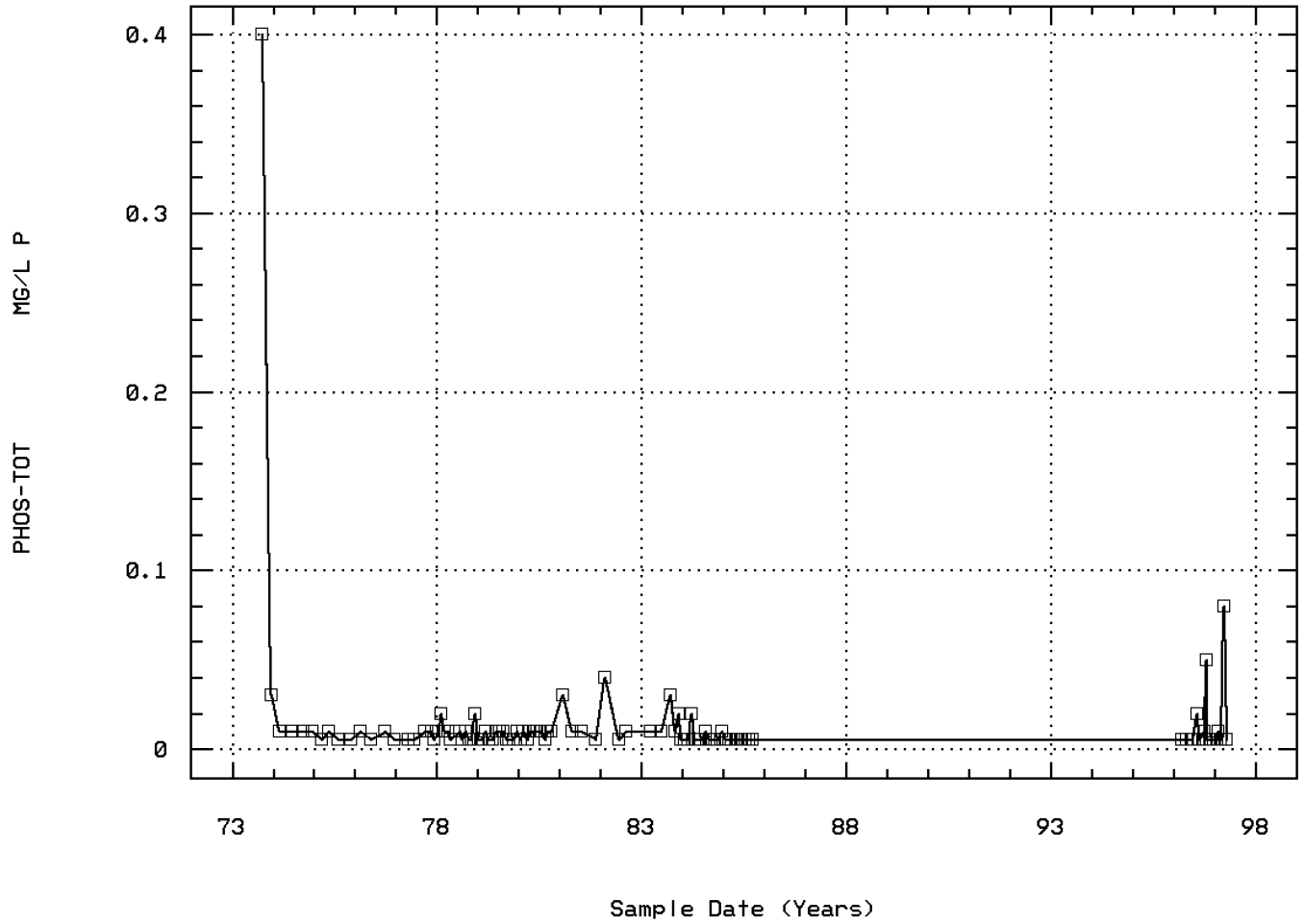
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Station: OLYM0008 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Annual Analysis for 1973 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	2	6.75	6.75	9.5	4.	15.125	3.889	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	2	61.5	61.5	75.	48.	364.5	19.092	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	2	11.75	11.75	12.8	10.7	2.205	1.485	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	2	7.2	7.2	7.4	7.	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	2	7.155	7.155	7.4	7.	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	2	0.07	0.07	0.1	0.04	0.002	0.043	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	2	0.045	0.045	0.08	0.01	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	2	0.215	0.215	0.4	0.03	0.068	0.262	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

Annual Analysis for 1974 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	4	4.95	5.625	9.2	3.4	6.349	2.52	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	4	80.	75.	86.	54.	204.	14.283	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	4	12.4	12.225	13.3	10.8	1.089	1.044	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	4	7.2	7.3	7.6	7.2	0.04	0.2	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	4	7.2	7.271	7.6	7.2	0.041	0.203	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	4	0.063	0.054	0.063	0.025	0.	0.019	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	4	0.025	0.028	0.04	0.02	0.	0.01	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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Annual Analysis for 1975 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	5	4.2	5.5	10.9	3.	9.72	3.118	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	4	80.	79.	90.	66.	108.	10.392	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	5	13.	12.7	13.5	11.1	0.915	0.957	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	4	7.	6.925	7.7	6.	0.496	0.704	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	4	6.989	6.514	7.7	6.	0.721	0.849	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	4	0.103	0.306	1.	0.02	0.216	0.464	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	4	0.03	0.21	0.76	0.02	0.135	0.367	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**

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Annual Analysis for 1976 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	4	5.15	5.75	9.5	3.2	7.47	2.733	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	4	75.	77.	88.	70.	62.	7.874	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	4	12.9	12.65	13.8	11.	1.39	1.179	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	4	7.45	7.325	7.5	6.9	0.082	0.287	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	4	7.447	7.242	7.5	6.9	0.092	0.303	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	4	0.036	0.057	0.126	0.032	0.002	0.046	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	4	0.025	0.035	0.08	0.01	0.001	0.031	**	**	**	**

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Annual Analysis for 1976 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**

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Annual Analysis for 1977 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	5	5.4	6.2	10.	3.5	7.135	2.671	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	5	76.	74.4	91.	52.	203.3	14.258	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	5	12.7	12.28	13.2	11.1	0.787	0.887	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	5	7.3	7.48	7.8	7.2	0.087	0.295	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	5	7.3	7.409	7.8	7.2	0.093	0.305	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	5	0.05	0.039	0.063	0.016	0.	0.022	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	2	0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	5	0.03	0.028	0.05	0.01	0.	0.018	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	5 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	2	2.	2.	2.	2.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	2	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2.								

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Annual Analysis for 1978 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	12	6.05	6.75	12.3	2.4	9.839	3.137	2.91	4.375	8.65	12.21
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	12	77.	74.833	90.	42.	166.152	12.89	49.5	68.5	84.75	89.4
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	12	12.25	11.95	12.8	10.6	0.543	0.737	10.66	11.35	12.55	12.74
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	12	7.6	7.6	7.9	7.4	0.024	0.154	7.4	7.5	7.7	7.87
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	12	7.6	7.576	7.9	7.4	0.024	0.156	7.4	7.5	7.7	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	12	0.025	0.027	0.04	0.013	0.	0.009	0.014	0.02	0.032	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	12	0.11	0.112	0.23	0.02	0.005	0.068	0.023	0.045	0.163	0.221
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	12	0.02	0.025	0.05	0.01	0.	0.015	0.01	0.01	0.038	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	11	0.01	0.01	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	12 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.017
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	12 ##	0.5	1.083	3.	0.5	0.992	0.996	0.5	0.5	1.75	3.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	12 ##	-0.301	-0.096	0.477	-0.301	0.105	0.325	-0.301	-0.301	0.226	0.477
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.802								

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Annual Analysis for 1979 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	12	6.05	6.342	11.	2.7	7.448	2.729	2.76	3.825	8.75	10.46
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	12	84.	83.667	99.	68.	119.515	10.932	68.	75.5	94.75	98.7
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	12	12.2	12.142	13.4	10.8	0.852	0.923	10.89	11.275	13.125	13.37
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	11	7.4	7.382	7.9	6.8	0.1	0.316	6.84	7.2	7.6	7.86
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	11	7.4	7.274	7.9	6.8	0.112	0.335	6.84	7.2	7.6	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	11	0.04	0.053	0.158	0.013	0.002	0.043	0.014	0.025	0.063	0.147
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	12	0.05	0.186	0.56	0.02	0.044	0.21	0.023	0.043	0.425	0.542
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	12	0.045	0.04	0.06	0.02	0.	0.013	0.02	0.03	0.05	0.057

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Annual Analysis for 1979 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	12 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	12 ##	0.005	0.013	0.06	0.005	0.	0.017	0.005	0.005	0.01	0.051
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	12	2.	3.75	15.	0.5	18.841	4.341	0.5	0.5	5.75	12.9
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	12	0.301	0.296	1.176	-0.301	0.286	0.535	-0.301	-0.301	0.758	1.094
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.979								

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Annual Analysis for 1980 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	10	6.25	6.87	12.1	3.6	9.607	3.099	3.64	4.	9.925	11.98
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	10	76.	81.3	104.	63.	232.456	15.246	63.2	71.	99.5	104.
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	10	11.7	11.88	13.1	10.4	0.995	0.998	10.42	11.05	12.925	13.09
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	9	7.4	7.467	8.	6.9	0.157	0.397	6.9	7.1	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	9	7.4	7.314	8.	6.9	0.184	0.429	6.9	7.1	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	9	0.04	0.048	0.126	0.01	0.002	0.041	0.01	0.016	0.082	0.126
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	10	0.4	0.436	0.83	0.08	0.071	0.266	0.093	0.218	0.688	0.821
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	10	0.04	0.044	0.13	0.01	0.001	0.036	0.01	0.018	0.06	0.123
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	10	0.01	0.008	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	9 ##	0.005	0.016	0.08	0.005	0.001	0.025	0.005	0.005	0.015	0.08
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	10	1.	1.4	3.	0.5	0.656	0.81	0.5	0.875	2.	2.9
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	10	0.	0.078	0.477	-0.301	0.069	0.263	-0.301	-0.075	0.301	0.46
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.196								

** - Less than 9 observations ## - Computed with 50% or 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 OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	4	8.3	8.65	12.2	5.8	7.797	2.792	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	4	66.	71.25	97.	56.	340.917	18.464	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	4	12.2	11.95	12.5	10.9	0.517	0.719	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	4	6.6	6.65	6.9	6.5	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	4	6.6	6.627	6.9	6.5	0.031	0.175	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	4	0.251	0.236	0.316	0.126	0.006	0.08	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	4	0.265	0.308	0.49	0.21	0.015	0.124	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	4	0.04	0.063	0.15	0.02	0.004	0.06	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	4	0.01	0.014	0.03	0.005	0.	0.011	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	4	1.	1.125	2.	0.5	0.396	0.629	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	4	0.	0.	0.301	-0.301	0.06	0.246	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1982 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	3	7.1	6.633	10.4	2.4	16.163	4.02	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	3	83.	78.333	88.	64.	160.333	12.662	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	3	12.	12.067	13.4	10.8	1.693	1.301	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	3	6.8	6.8	7.3	6.3	0.25	0.5	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	3	6.8	6.626	7.3	6.3	0.295	0.544	**	**	**	**

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Annual Analysis for 1982 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	3	0.158	0.237	0.501	0.05	0.055	0.235	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	3	0.3	0.313	0.4	0.24	0.007	0.081	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	3	0.01	0.018	0.04	0.005	0.	0.019	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	3 ##	0.5	2.667	7.	0.5	14.083	3.753	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	3 ##	-0.301	0.081	0.845	-0.301	0.438	0.662	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.205								

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Annual Analysis for 1983 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	6	6.35	6.667	10.3	3.7	5.107	2.26	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	6	79.5	81.333	100.	68.	115.867	10.764	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	6	12.2	12.133	13.2	11.	0.603	0.776	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	6	7.65	7.517	8.1	6.4	0.358	0.598	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	6	7.647	7.076	8.1	6.4	0.591	0.768	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	6	0.023	0.084	0.398	0.008	0.024	0.154	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	6	0.4	0.45	0.8	0.1	0.067	0.259	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	6	0.01	0.014	0.03	0.005	0.	0.009	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	5	2.	3.7	10.	0.5	15.45	3.931	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	5	0.301	0.34	1.	-0.301	0.273	0.523	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2.187								

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Annual Analysis for 1984 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	12	5.5	6.092	11.5	2.3	6.534	2.556	2.6	4.75	8.1	10.78
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	12	77.5	77.083	93.	56.	99.174	9.959	59.6	70.75	84.75	91.5
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	12	12.	11.967	13.8	9.3	2.348	1.532	9.45	10.55	13.375	13.71
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	12	7.8	7.667	8.2	6.7	0.181	0.425	6.85	7.35	8.	8.14
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	12	7.8	7.428	8.2	6.7	0.243	0.493	6.85	7.35	8.	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	12	0.016	0.037	0.2	0.006	0.003	0.054	0.007	0.01	0.045	0.159
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	12 ##	0.15	0.192	0.5	0.1	0.015	0.124	0.1	0.1	0.275	0.44
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	12 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.009	0.017
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	11 ##	0.5	1.	4.	0.5	1.05	1.025	0.5	0.5	1.	3.4
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	11 ##	-0.301	-0.109	0.602	-0.301	0.077	0.278	-0.301	-0.301	0.	0.482
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			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 1985 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	10	4.95	6.26	11.6	2.8	11.089	3.33	2.8	3.55	9.625	11.53
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	10	84.	82.3	96.	64.	107.344	10.361	64.7	74.	90.25	95.8
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	10	12.55	12.3	13.4	10.7	0.936	0.967	10.76	11.375	13.2	13.38
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	10	7.85	7.8	7.9	7.4	0.024	0.156	7.43	7.775	7.9	7.9

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Annual Analysis for 1985 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	10	7.847	7.769	7.9	7.4	0.026	0.16	7.43	7.775	7.9	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	10	0.014	0.017	0.04	0.013	0.	0.008	0.013	0.013	0.017	0.038
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	10 ##	0.15	0.2	0.4	0.1	0.013	0.115	0.1	0.1	0.3	0.39
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	10 ##	0.75	6.75	56.	0.5	301.403	17.361	0.5	0.5	2.75	50.9
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	10 ##	-0.151	0.124	1.748	-0.301	0.437	0.661	-0.301	-0.301	0.401	1.643
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.331								

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

Annual Analysis for 1995 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**

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

Annual Analysis for 1996 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	13	7.1	6.969	11.9	3.5	8.241	2.871	3.7	4.6	9.	11.82
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	13	74.	76.	100.	48.	241.833	15.551	52.4	66.	89.5	99.2
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	13	12.5	12.438	14.3	10.7	1.201	1.096	10.9	11.5	13.15	14.18
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	13	7.7	7.654	7.9	7.4	0.031	0.176	7.4	7.45	7.8	7.86
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	13	7.7	7.62	7.9	7.4	0.032	0.18	7.4	7.45	7.8	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	13	0.02	0.024	0.04	0.013	0.	0.01	0.014	0.016	0.036	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	13 ##	0.1	0.108	0.2	0.1	0.001	0.028	0.1	0.1	0.1	0.16
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	13 ##	0.005	0.01	0.05	0.005	0.	0.013	0.005	0.005	0.008	0.038
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	13 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.008

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

Annual Analysis for 1997 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	5	4.2	4.14	4.5	3.5	0.153	0.391	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	5	76.	64.6	84.	34.	531.8	23.061	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	5	13.2	13.36	14.9	12.5	0.838	0.915	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/73-04/11/97	5	7.5	7.62	7.9	7.4	0.047	0.217	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	5	7.5	7.58	7.9	7.4	0.049	0.221	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	5	0.032	0.026	0.04	0.013	0.	0.012	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	5 ##	0.005	0.021	0.08	0.005	0.001	0.033	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	17	5.7	6.376	9.4	3.5	3.154	1.776	4.06	5.05	8.05	8.92
00025	BAROMETRIC PRESSURE (MM OF HG)	01/17/85-04/11/97	5	744.	745.8	763.	736.	103.2	10.159	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/73-07/16/81	5	281.	633.4	2040.	75.	663760.3	814.715	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	17	76.	77.882	104.	48.	261.36	16.167	51.2	66.5	93.	100.8
00300p	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	17	12.3	12.318	13.5	11.2	0.554	0.744	11.44	11.55	13.1	13.34
00400p	PH (STANDARD UNITS)	09/20/73-04/11/97	16	7.55	7.444	8.	6.6	0.187	0.432	6.67	7.1	7.775	7.93
00400p	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	16	7.547	7.218	8.	6.6	0.241	0.491	6.67	7.1	7.775	7.93
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	16	0.028	0.061	0.251	0.01	0.005	0.072	0.012	0.017	0.085	0.215
00600	NITROGEN, TOTAL (MG/L AS N)	12/20/73-07/16/81	6	0.31	0.365	0.74	0.11	0.05	0.223	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/20/73-04/16/81	5	0.23	0.254	0.46	0.08	0.02	0.142	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/20/73-02/11/82	5	0.01	0.01	0.02	0.005	0.	0.006	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	16	0.2	0.26	0.74	0.1	0.045	0.212	0.1	0.1	0.38	0.712
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	12	0.05	0.047	0.15	0.01	0.001	0.037	0.01	0.02	0.05	0.12
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	17 ##	0.005	0.009	0.05	0.005	0.	0.011	0.005	0.005	0.01	0.026
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	10 ##	0.005	0.013	0.06	0.005	0.	0.017	0.005	0.005	0.013	0.056
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	11	1.	2.5	10.	0.5	8.4	2.898	0.5	0.5	4.	9.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	11	0.	0.182	1.	-0.301	0.194	0.441	-0.301	-0.301	0.602	0.94
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.52								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	12/20/73-07/16/81	6	1.35	1.617	3.3	0.5	0.97	0.985	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more 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: 12/01 to 3/31 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	37	4.	3.932	7.2	2.3	1.024	1.012	2.64	3.25	4.45	5.04
00025	BAROMETRIC PRESSURE (MM OF HG)	01/17/85-04/11/97	10	748.5	748.	752.	742.	9.778	3.127	742.3	745.75	750.25	751.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/73-07/16/81	15	676.	1032.667	3300.	115.	1077831.238	1038.187	165.4	324.	1460.	3042.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	36	77.	74.583	98.	34.	224.593	14.986	47.4	68.75	84.75	90.6
00300p	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	37	13.1	13.062	14.9	12.1	0.261	0.511	12.4	12.75	13.3	13.56
00400p	PH (STANDARD UNITS)	09/20/73-04/11/97	36	7.55	7.525	8.2	6.3	0.16	0.4	6.9	7.325	7.8	7.9
00400p	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	36	7.547	7.289	8.2	6.3	0.218	0.466	6.9	7.325	7.8	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	36	0.028	0.051	0.501	0.006	0.007	0.085	0.013	0.016	0.048	0.126
00600	NITROGEN, TOTAL (MG/L AS N)	12/20/73-07/16/81	14	0.155	0.206	0.6	0.03	0.032	0.18	0.04	0.082	0.26	0.595
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/20/73-04/16/81	14	0.075	0.146	0.57	0.	0.036	0.189	0.01	0.02	0.18	0.565
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/20/73-02/11/82	15	0.01	0.018	0.05	0.005	0.	0.015	0.005	0.005	0.03	0.044
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	32	0.1	0.175	0.8	0.02	0.03	0.172	0.043	0.1	0.23	0.482
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	30	0.05	0.042	0.08	0.01	0.	0.016	0.02	0.03	0.05	0.059
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	36 ##	0.008	0.012	0.08	0.005	0.	0.014	0.005	0.005	0.01	0.03
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	20 ##	0.005	0.01	0.08	0.005	0.	0.017	0.005	0.005	0.005	0.028
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	24 ##	0.75	1.208	6.	0.5	1.52	1.233	0.5	0.5	1.75	2.5
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	24 ##	-0.151	-0.048	0.778	-0.301	0.097	0.311	-0.301	-0.301	0.226	0.389
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.895								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	12/20/73-07/16/81	14	0.7	0.914	2.7	0.1	0.652	0.808	0.15	0.375	1.2	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 box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	34	6.55	6.909	12.3	4.	5.493	2.344	4.35	5.1	7.8	11.4
00025	BAROMETRIC PRESSURE (MM OF HG)	01/17/85-04/11/97	9	742.	743.111	750.	735.	21.111	4.595	735.	740.5	747.	750.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/73-07/16/81	15	427.	481.4	1450.	150.	89748.686	299.581	184.8	324.	540.	971.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	34	74.5	73.882	97.	54.	82.471	9.081	62.	68.	80.	86.5
00300p	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	34	12.	12.065	14.3	10.2	0.72	0.848	11.05	11.575	12.525	12.95

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	09/20/73-04/11/97	33	7.5	7.485	8.	6.5	0.133	0.364	7.02	7.25	7.8	7.86
00400p	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	33	7.5	7.3	8.	6.5	0.168	0.41	7.02	7.25	7.8	7.86
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	33	0.032	0.05	0.316	0.01	0.004	0.065	0.014	0.016	0.057	0.101
00600	NITROGEN, TOTAL (MG/L AS N)	12/20/73-07/16/81	14	0.12	0.268	0.85	0.04	0.078	0.279	0.04	0.048	0.538	0.76
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/20/73-04/16/81	13	0.07	0.226	0.82	0.	0.082	0.286	0.	0.01	0.48	0.756
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/20/73-02/11/82	13	0.01	0.018	0.05	0.005	0.	0.016	0.005	0.01	0.035	0.046
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	29	0.1	0.214	0.83	0.02	0.042	0.205	0.04	0.095	0.3	0.56
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	29	0.04	0.061	0.76	0.01	0.018	0.135	0.01	0.02	0.05	0.05
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	33 ##	0.005	0.008	0.02	0.005	0.	0.003	0.005	0.005	0.01	0.01
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	17 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.012
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	24 ##	0.5	1.604	15.	0.5	8.847	2.974	0.5	0.5	1.75	3.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	24 ##	-0.301	-0.039	1.176	-0.301	0.141	0.376	-0.301	-0.301	0.226	0.452
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.915								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	12/20/73-07/16/81	14	0.5	1.186	3.8	0.2	1.544	1.243	0.2	0.2	2.4	3.4

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

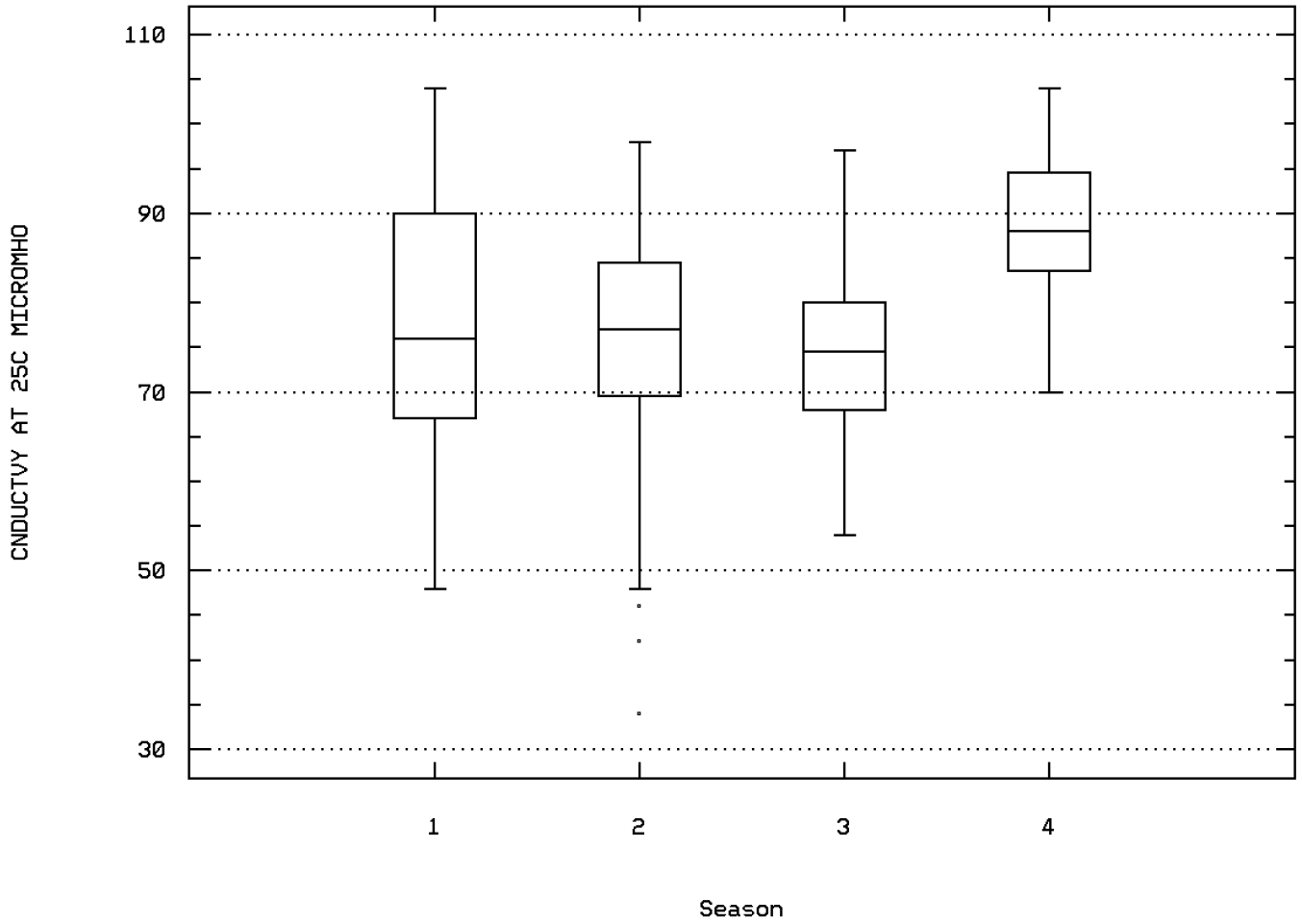
Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/73-04/11/97	20	10.2	10.305	12.1	8.6	1.226	1.107	8.75	9.275	11.375	11.97
00025	BAROMETRIC PRESSURE (MM OF HG)	01/17/85-04/11/97	5	742.	746.2	765.	740.	111.7	10.569	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/73-07/16/81	9	146.	264.111	718.	84.	57293.361	239.36	84.	105.	440.	718.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/73-04/11/97	20	88.	87.9	104.	70.	78.095	8.837	75.2	83.25	95.25	99.8
00300p	OXYGEN, DISSOLVED MG/L	09/20/73-04/11/97	20	10.8	10.84	12.	9.3	0.328	0.573	9.86	10.7	11.1	11.48
00400p	PH (STANDARD UNITS)	09/20/73-04/11/97	20	7.45	7.41	8.	6.	0.277	0.526	6.44	7.225	7.8	7.9
00400p	CONVERTED PH (STANDARD UNITS)	09/20/73-04/11/97	20	7.447	6.979	8.	6.	0.473	0.687	6.44	7.225	7.8	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/73-04/11/97	20	0.036	0.105	1.	0.01	0.052	0.228	0.013	0.016	0.06	0.374
00600	NITROGEN, TOTAL (MG/L AS N)	12/20/73-07/16/81	6	0.185	0.225	0.55	0.03	0.039	0.198	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/20/73-04/16/81	6	0.15	0.165	0.47	0.	0.03	0.174	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/20/73-02/11/82	6	0.01	0.015	0.03	0.01	0.	0.008	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/20/73-04/11/97	14	0.205	0.237	0.5	0.02	0.026	0.16	0.035	0.1	0.4	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/73-09/12/85	17	0.05	0.045	0.13	0.01	0.001	0.029	0.01	0.02	0.05	0.09
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/73-04/11/97	19	0.01	0.029	0.4	0.005	0.008	0.09	0.005	0.005	0.01	0.03
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/20/73-04/11/97	8 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	10	4.	9.05	56.	0.5	278.136	16.677	0.55	1.75	7.25	51.2
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/14/77-09/12/85	10	0.588	0.585	1.748	-0.301	0.309	0.556	-0.271	0.226	0.86	1.664
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			3.845								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	12/20/73-07/16/81	6	0.85	1.	2.4	0.1	0.772	0.879	**	**	**	**

** - Less than 9 observations ## - Computed 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: OLYM0008 Parameter Code: 00095

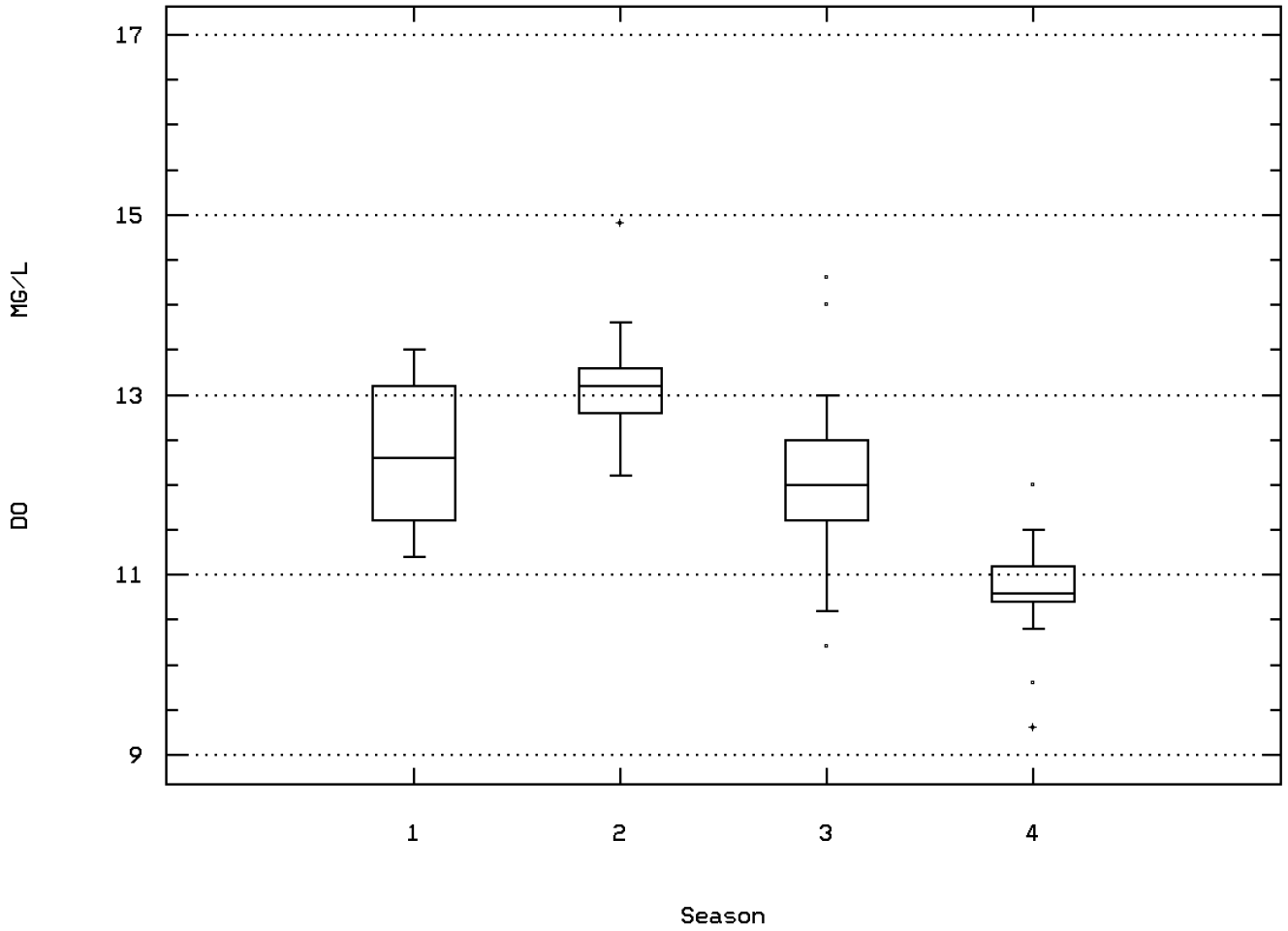
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Station: OLYM0008 Parameter Code: 00300

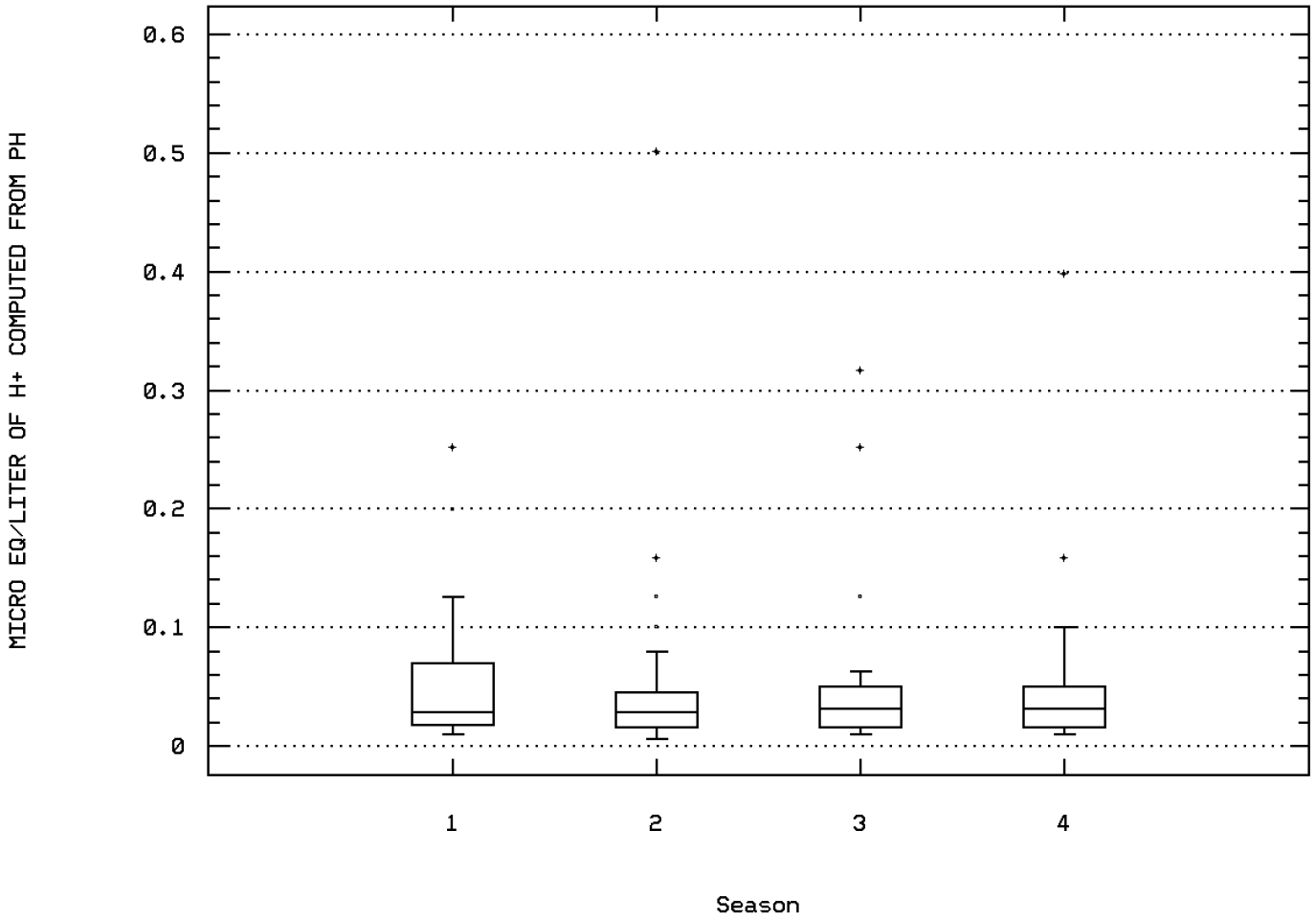
OXYGEN, DISSOLVED



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Station: OLYM0008 Parameter Code: 00400

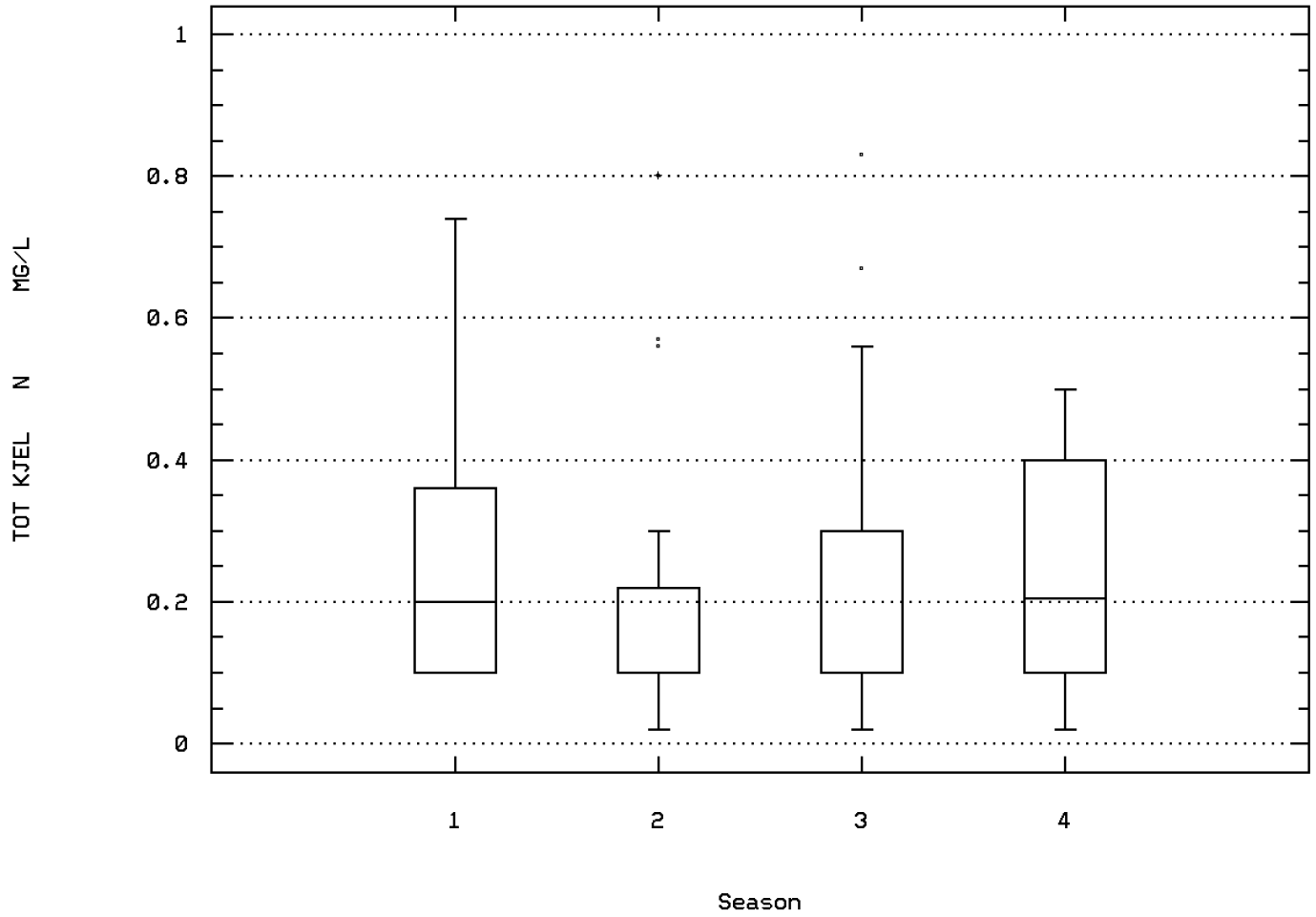
MICRO EQ/LITER OF H+ COMPUTED FROM PH



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Station: OLYM0008 Parameter Code: 00625

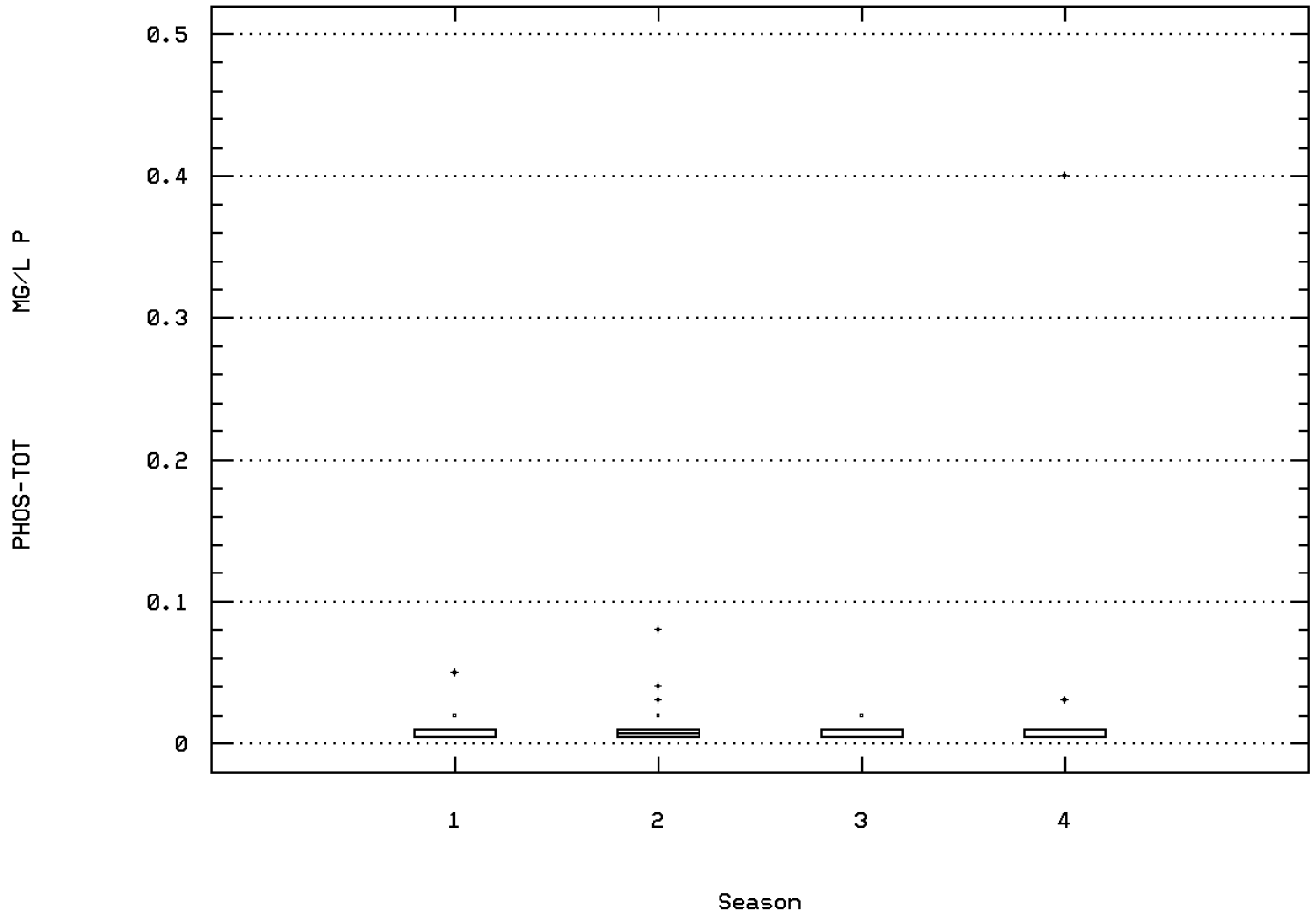
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Station: OLYM0008 Parameter Code: 00665

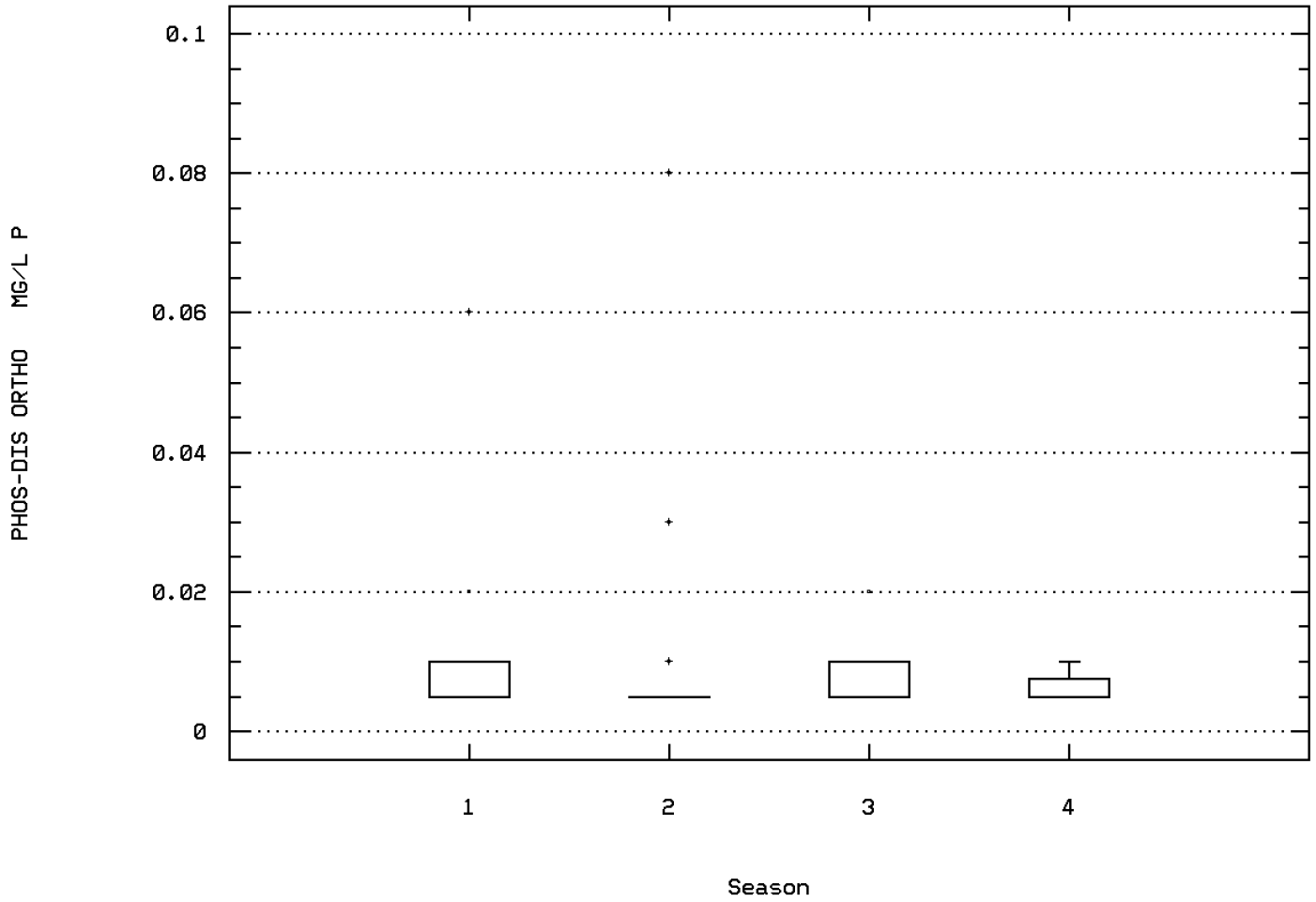
PHOSPHORUS, TOTAL (MG/L AS P)



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Station: OLYM0008 Parameter Code: 00671

PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



NF SKOKOMISH R BLW STRCSE RPDS NR HDSPR

Station Inventory for Station: OLYM0009

NPS Station ID: OLYM0009
LAT/LON: 48.133337/-123.348337
Agency: 10EPACOP
Date Created: 04/21/79
Location:
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 033304
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 SE CREEK
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
MORSE CREEK

Parameter Inventory for Station: OLYM0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-07/15/74	64	0.	30.625	131.	0.	2441.825	49.415	0.	0.	65.	131.
00480	SALINITY - PARTS PER THOUSAND	09/06/63-07/15/74	44	28.45	20.118	32.2	2.9	174.372	13.205	2.95	3.125	31.4	31.7
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-07/15/74	47	34.	160.191	1710.	0.	183537.984	428.413	0.	19.	46.	288.2
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	12	2.55	2.393	3.04	1.43	0.491	0.701	1.43	1.598	3.03	3.04
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-07/15/74	64	346.	306.5	645.	76.	16197.302	127.269	111.	208.	371.5	394.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-07/15/74	64	1515.	1460.172	1905.	1045.	43370.811	208.257	1161.5	1300.	1545.	1745.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/13/72-04/04/74	33	290.	285.364	329.	244.	909.614	30.16	244.	253.	310.	321.4
71095	NORMAL DEVELOPED LARVAE	06/21/62-07/15/74	64	2.	71.297	316.	0.	10058.212	100.291	0.	0.	156.5	236.
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-07/15/74	64	77.5	76.094	190.	0.	3839.959	61.967	1.	8.	140.5	160.5

** - 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

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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-07/15/74	6	65.	65.333	131.	0.	3432.267	58.586	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-07/15/74	3	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-07/15/74	3	17.	20.333	28.	16.	44.333	6.658	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-07/15/74	6	346.	346.	346.	346.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-07/15/74	6	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-07/15/74	6	141.	100.167	159.	0.	6050.567	77.785	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-07/15/74	6	84.	100.833	190.	22.	4933.367	70.238	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more 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: 12/01 to 3/31 - Station OLYM0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-07/15/74	6	65.	65.333	131.	0.	3432.267	58.586	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-07/15/74	3	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-07/15/74	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-07/15/74	6	372.	372.	372.	372.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-07/15/74	6	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-07/15/74	6	291.5	290.667	316.	265.	312.667	17.682	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-07/15/74	6	1.	0.833	2.	0.	0.567	0.753	**	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-07/15/74	49	0.	24.	131.	0.	2085.25	45.665	0.	0.	32.5	131.
00480	SALINITY - PARTS PER THOUSAND	09/06/63-07/15/74	35	30.4	22.077	32.2	2.9	153.935	12.407	3.06	3.2	31.4	31.9
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-07/15/74	38	36.	193.526	1710.	0.	222167.337	471.346	8.1	19.75	48.	967.5
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-07/15/74	49	360.	307.327	645.	76.	17404.933	131.928	139.	206.	370.	394.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-07/15/74	49	1515.	1460.224	1905.	1045.	46174.178	214.882	1223.	1272.5	1545.	1800.
71095	NORMAL DEVELOPED LARVAE	06/21/62-07/15/74	49	1.	45.265	207.	0.	5409.532	73.55	0.	0.	85.	199.
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-07/15/74	49	80.	78.633	169.	0.	3499.696	59.158	5.	15.	140.	160.

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-07/15/74	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-07/15/74	3	31.4	31.4	31.4	31.4	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-07/15/74	3	37.	37.	37.	37.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-07/15/74	3	83.	83.	83.	83.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-07/15/74	3	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-07/15/74	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-07/15/74	3	145.	135.667	147.	115.	321.333	17.926	**	**	**	**

** - Less than 9 observations ## - Computed 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: OLYM0010

NPS Station ID: OLYM0010
LAT/LON: 48.130559/-123.350003
Agency: 10EPACOP
Date Created: 04/21/79
Location: RSE CRK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 NAUT MI N MO
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
APPROX. 3/4 NAUTICAL MILE NORTH OF MORSE CREEK

Parameter Inventory for Station: OLYM0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	33	65.	67.303	196.	0.	3344.405	57.831	0.	0.	131.	131.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	18	9.65	9.75	11.3	8.4	0.62	0.788	8.58	9.275	10.275	10.94
00400	PH (STANDARD UNITS)	08/25/75-08/25/75	1	7.95	7.95	7.95	7.95	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/25/75	1	7.95	7.95	7.95	7.95	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/25/75	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	18	3.2	7.611	30.3	2.9	106.492	10.319	2.99	3.1	3.225	30.21
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	18	8.	34.722	283.	0.	5191.859	72.055	1.8	3.	17.75	166.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	33	556.	564.03	640.	438.	4658.968	68.257	438.	555.	616.	640.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	33	1720.	1733.818	1830.	1638.	3549.903	59.581	1638.	1715.	1800.	1818.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	30	245.	247.6	269.	237.	143.834	11.993	237.	237.	250.	269.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	3	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	33	161.	106.606	296.	0.	10754.246	103.703	0.	0.	194.5	243.6
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	33	12.	31.667	117.	0.	1338.604	36.587	1.	4.	64.	99.

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

EPA Water Quality Criteria Analysis for Station: OLYM0010

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Marine Chronic	8.5	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0011

NPS Station ID: OLYM0011 LAT/LON: 48.125005/-123.350003 Agency: 10EPACOP Date Created: 04/21/79
Location: RSE CRK FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 310004
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 3276 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: 11 NAUT MI N MO ECO Region:
RF1 Index: 17110020032 RF1 Mile Point: 0.200 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
APPROX. 0.4 NAUTICAL MILE NORTH OF MORSE CREEK

Parameter Inventory for Station: OLYM0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	22	32.5	32.5	65.	0.	1106.548	33.265	0.	0.	65.	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	12	10.3	10.142	11.3	8.7	0.528	0.727	8.88	9.625	10.5	11.21
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	2	8.65	8.65	8.8	8.5	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/76-08/18/76	2	7.9	7.9	7.95	7.85	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/76-08/18/76	2	7.897	7.897	7.95	7.85	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/76-08/18/76	2	0.013	0.013	0.014	0.011	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	12	3.1	7.533	30.4	2.9	108.252	10.404	2.9	3.025	3.2	30.04
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	12	14.5	196.417	1980.	2.	317562.265	563.527	2.6	5.5	97.75	1427.7
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	22	562.	567.091	645.	448.	4446.468	66.682	448.	550.	615.	645.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	22	1720.	1733.818	1830.	1638.	3606.251	60.052	1638.	1715.	1800.	1821.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	20	245.	247.6	269.	237.	146.358	12.098	237.	237.	250.	269.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	2	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	22	2.5	87.682	219.	0.	9864.037	99.318	0.	0.	203.25	213.9
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	22	12.5	24.364	96.	0.	786.528	28.045	1.5	5.75	34.5	80.
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/18/76	3	0.05	0.06	0.09	0.04	0.001	0.026	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00										2	0	0.00
00400	PH	Marine Chronic	8.5	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00

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

Station Inventory for Station: OLYM0012

NPS Station ID: OLYM0012
LAT/LON: 48.139726/-123.350003
Agency: 10EPACOP
Date Created: 04/21/79
Location: RSE CRK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 NAUT MI N MO
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
APPROX. 1.3 NAUTICAL MILES NORTH OF MORSE CREEK

Parameter Inventory for Station: OLYM0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	51	131.	133.275	327.	0.	11804.523	108.649	0.	65.	196.	327.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	27	9.4	9.263	11.	7.8	0.774	0.88	7.98	8.4	9.9	10.36
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	3	8.6	8.533	8.6	8.4	0.013	0.115	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/76-08/18/76	3	7.99	7.963	7.99	7.91	0.002	0.046	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/76-08/18/76	3	7.99	7.962	7.99	7.91	0.002	0.046	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/76-08/18/76	3	0.01	0.011	0.012	0.01	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	27	3.2	8.156	31.1	2.9	114.745	10.712	2.98	3.1	3.3	30.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/76-08/18/76	3	6.	26.667	70.	4.	1409.333	37.541	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	27	2.	3.148	10.	0.	10.516	3.243	0.	0.	6.	8.2
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	51	569.	562.412	629.	428.	4313.607	65.678	428.	544.	621.	629.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	51	1720.	1733.804	1830.	1638.	3049.281	55.22	1638.	1715.	1800.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	48	245.	247.708	269.	237.	147.615	12.15	237.	237.	250.	269.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	3	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	51	186.	153.431	251.	0.	6451.85	80.323	0.	133.	212.	228.
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	51	9.	21.471	147.	0.	1164.454	34.124	0.	2.	20.	64.8

** - 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: OLYM0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00										3	0	0.00
00400	PH	Marine Chronic	8.5	3	0	0.00										3	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00										3	0	0.00

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

Station Inventory for Station: OLYM0013

NPS Station ID: OLYM0013
LAT/LON: 48.123059/-123.350837
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 21
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 543139
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020032
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
EAST OF PORT ANGELES HARBOR TO DUNGENESS SPIT

Parameter Inventory for Station: OLYM0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-10/31/72	9	7.	7.667	16.	0.	48.25	6.946	0.	0.	16.	16.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/72-10/31/72	6	8.65	8.733	9.5	8.3	0.219	0.468	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/03/72-10/31/72	6	0.65	0.75	1.2	0.5	0.083	0.288	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/03/72-10/31/72	6	46250.	46183.333	46500.	45800.	125666.667	354.495	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-10/31/72	9	6.3	5.867	7.3	4.	1.775	1.332	4.	4.25	7.05	7.3
00400	PH (STANDARD UNITS)	07/23/70-10/31/72	9	7.5	7.422	7.6	7.2	0.022	0.148	7.2	7.25	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-10/31/72	9	7.5	7.398	7.6	7.2	0.023	0.15	7.2	7.25	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-10/31/72	9	0.032	0.04	0.063	0.025	0.	0.015	0.025	0.032	0.057	0.063
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	3	31.8	31.8	31.8	31.8	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-10/31/72	9	69.	79.667	146.	33.	1644.5	40.552	33.	44.5	116.5	146.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-10/31/72	3	5.	12.333	30.	2.	236.333	15.373	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-10/31/72	3	0.699	0.826	1.477	0.301	0.358	0.598	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.694								
70305	SALINITY BASED ON CONDUCTIVITY	05/03/72-10/31/72	6	30.35	30.283	30.5	30.	0.062	0.248	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00				3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11	3	1	0.33				6	0	0.00			
00400	PH	Marine Chronic	8.5	9	0	0.00	3	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00				6	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0014

NPS Station ID: OLYM0014
LAT/LON: 48.123059/-123.350837
Agency: 1119C050
Date Created: / /
Location: 123210304807230 PORT ANGELES
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 480723012321030
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020032
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
EAST OF PORT ANGELES HARBOR TO DUNGENESS SPIT

Parameter Inventory for Station: OLYM0014

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

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

Station Inventory for Station: OLYM0015

NPS Station ID: OLYM0015
LAT/LON: 48.103892/-123.355560
Agency: 10EPATOX
Date Created: 04/19/80
Location: MORSE CREEK AT U.S. 101 BRIDGE
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 11Z012 /MDSPTA2W*S /RISKPTA002
RMI-Indexes: 1311233
Within Park Boundary: No
RMI-Miles: 0001.00
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND
ECO Region:
RF1 Index: 17110020029
RF1 Mile Point: 1.080
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/27/80-03/27/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	03/27/80-03/27/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/80-03/27/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/27/80-03/27/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/27/80-03/27/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/27/80-03/27/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	03/27/80-03/27/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	03/27/80-03/27/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/80-03/27/80	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/80-03/27/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/27/80-03/27/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	03/27/80-03/27/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/27/80-03/27/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	03/27/80-03/27/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/27/80-03/27/80	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	03/27/80-03/27/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	03/27/80-03/27/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/27/80-03/27/80	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	03/27/80-03/27/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	03/27/80-03/27/80	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	03/27/80-03/27/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/27/80-03/27/80	1	78.	78.	78.	78.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/27/80-03/27/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	03/27/80-03/27/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	03/27/80-03/27/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	03/27/80-03/27/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/27/80-03/27/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34208	ACENAPHTHENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	03/27/80-03/27/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	03/27/80-03/27/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	03/27/80-03/27/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34408	ISOPHORONE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	03/27/80-03/27/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	03/27/80-03/27/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	03/27/80-03/27/80	1	65.	65.	65.	65.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	03/27/80-03/27/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	50000.	50000.	50000.	50000.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	03/27/80-03/27/80	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	50000.	50000.	50000.	50000.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	03/27/80-03/27/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD) TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	03/27/80-03/27/80	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/27/80-03/27/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	03/27/80-03/27/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	03/27/80-03/27/80	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/27/80-03/27/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	03/27/80-03/27/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	03/27/80-03/27/80	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/27/80-03/27/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/27/80-03/27/80	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						

& - 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: OLYM0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	0 &	0	0.00												
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	0 &	0	0.00												
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00				1	0	0.00						
		Drinking Water	1000.	1	0	0.00				1	0	0.00						
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00				1	0	0.00						
34210	ACROLEIN, TOTAL	Fresh Acute	68.	1	0	0.00				1	0	0.00						
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00				1	0	0.00						
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00				1	0	0.00						
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00				1	0	0.00						
		Drinking Water	700.	1	0	0.00				1	0	0.00						
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00				1	0	0.00						
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00				1	0	0.00						
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00				1	0	0.00						
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00				1	0	0.00						
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00				1	0	0.00						
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	0 &	0	0.00												
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00				1	0	0.00						
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00				1	0	0.00						
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	0 &	0	0.00												
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00				1	0	0.00						
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00				1	0	0.00						
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00				1	0	0.00						
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00				1	0	0.00						
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00				1	0	0.00						
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00				1	0	0.00						
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00				1	0	0.00						
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00				1	0	0.00						
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN, TOT	Fresh Acute	0.01	0 &	0	0.00												
		Drinking Water	0.000	03								0&	0	0.00				
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00				1	0	0.00						
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00				1	0	0.00						
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	0 &	0	0.00												

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

EPA Water Quality Criteria Analysis for Station: OLYM0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00				1	0	0.00						
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00				1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00				1	0	0.00						
		Drinking Water	3.	1	0	0.00				1	0	0.00						
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
		Drinking Water	0.4	1	0	0.00				1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00				1	0	0.00						
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: OLYM0016

NPS Station ID: OLYM0016
LAT/LON: 48.118338/-123.360004
Agency: 10EPACOP
Date Created: 04/21/79
Location: RSE CRK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 31004A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 NAUT MI W MO
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 2.310
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
INSHORE, 0.4 NAUTICAL MILE WEST OF MORSE CREEK

Parameter Inventory for Station: OLYM0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/27/74-08/27/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/27/74-08/27/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	08/27/74-08/27/74	1	314.	314.	314.	314.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	08/27/74-08/27/74	2	335.	335.	335.	335.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	08/27/74-08/27/74	2	1720.	1720.	1720.	1720.	0.	0.	**	**	**	**
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	08/27/74-08/27/74	2	237.	237.	237.	237.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	08/27/74-08/27/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	08/27/74-08/27/74	2	69.5	69.5	74.	65.	40.5	6.364	**	**	**	**

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

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

Station Inventory for Station: OLYM0017

NPS Station ID: OLYM0017
LAT/LON: 48.120281/-123.369727
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 20
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 543138
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 1.970
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
EAST OF PORT ANGELES HARBOR TO DUNGENESS SPIT

Parameter Inventory for Station: OLYM0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-10/31/72	9	7.	7.667	16.	0.	48.25	6.946	0.	0.	16.	16.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/72-10/31/72	6	8.35	8.483	9.5	8.	0.286	0.534	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/03/72-10/31/72	6	0.75	0.733	1.1	0.4	0.111	0.333	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/03/72-10/31/72	6	46250.	46133.333	46700.	45100.	338666.667	581.951	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-10/31/72	9	6.5	6.022	7.	4.2	1.107	1.052	4.2	4.9	6.8	7.
00400	PH (STANDARD UNITS)	07/23/70-10/31/72	9	7.5	7.456	7.6	7.2	0.015	0.124	7.2	7.4	7.55	7.6
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-10/31/72	9	7.5	7.439	7.6	7.2	0.016	0.125	7.2	7.4	7.55	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-10/31/72	9	0.032	0.036	0.063	0.025	0.	0.012	0.025	0.028	0.04	0.063
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	3	31.8	31.833	31.9	31.8	0.003	0.058	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-10/31/72	9	38.	56.222	120.	14.	2033.194	45.091	14.	17.	108.5	120.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-10/31/72	3	10.	7.	10.	1.	27.	5.196	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-10/31/72	3	1.	0.667	1.	0.	0.333	0.577	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.642								
70305	SALINITY BASED ON CONDUCTIVITY	05/03/72-10/31/72	6	30.35	30.25	30.6	29.5	0.163	0.404	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00				3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	3	0	0.00				6	0	0.00			
00400	PH	Marine Chronic	8.5	9	0	0.00	3	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00				6	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0018

NPS Station ID: OLYM0018
LAT/LON: 48.120281/-123.369727
Agency: 1119C050
Date Created: / /
Location: 123221104807130 PORT ANGELES
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 480713012322110
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 1.960
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
EAST OF PORT ANGELES HARBOR TO DUNGENESS SPIT

Parameter Inventory for Station: OLYM0018

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

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

Station Inventory for Station: OLYM0019

NPS Station ID: OLYM0019 LAT/LON: 48.126392/-123.375005 Agency: 10EPACOP Date Created: 04/21/79
Location: T RAYONIER PULP FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 310005
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 3276 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: 11 YDS E. OF IT ECO Region:
RF1 Index: 17110020028 RF1 Mile Point: 1.680 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
200 YDS EAST OF ITT RAYONIER PULP MILL SUB. DIFFUSER

Parameter Inventory for Station: OLYM0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	52	98.	95.923	196.	0.	5086.582	71.32	0.	16.25	155.	196.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	8	8.6	8.95	10.6	8.3	0.714	0.845	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	4	8.5	8.525	8.7	8.4	0.016	0.126	**	**	**	**
00400	PH (STANDARD UNITS)	08/25/75-08/18/76	7	7.91	7.907	7.99	7.82	0.004	0.067	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/18/76	7	7.91	7.903	7.99	7.82	0.005	0.067	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/18/76	7	0.012	0.013	0.015	0.01	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	28	3.1	7.071	31.2	2.9	97.958	9.897	3.	3.025	3.2	31.
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	28	3.5	24.393	530.	0.	9881.655	99.407	0.	1.	7.	27.1
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	52	470.	438.692	580.	340.	6631.119	81.432	343.	350.	490.	530.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	52	1720.	1704.769	1830.	1545.	7701.985	87.761	1545.	1638.	1748.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	48	247.5	258.	310.	237.	670.638	25.897	237.	237.	269.	310.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	4	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	52	201.5	184.808	319.	0.	5754.707	75.86	38.5	165.	230.75	266.6
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	52	8.	20.365	170.	0.	1208.315	34.761	1.	3.	14.	78.
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/18/76-08/18/76	2	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00										4	0	0.00
00400	PH	Marine Chronic	8.5	7	0	0.00										7	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00										7	0	0.00

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

Station Inventory for Station: OLYM0020

NPS Station ID: OLYM0020
LAT/LON: 48.140281/-123.376948
Agency: 1119C050
Date Created: / /
Location: 123223704808250 PORT ANGELES
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 480825012322370
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
EAST OF PORT ANGELES HARBOR TO DUNGENESS SPIT

Parameter Inventory for Station: OLYM0020

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

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

Station Inventory for Station: OLYM0021

NPS Station ID: OLYM0021
LAT/LON: 48.140281/-123.376948
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 19
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): 543137
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
EAST OF PORT ANGELES HARBOR TO DUNGENESS SPIT

Parameter Inventory for Station: OLYM0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-10/31/72	21	33.	54.857	164.	0.	3177.729	56.371	0.	7.	98.	164.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/72-10/31/72	14	8.3	8.2	8.7	7.5	0.123	0.351	7.6	7.95	8.5	8.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/03/72-10/31/72	14	0.45	0.686	1.3	0.3	0.164	0.405	0.3	0.3	1.05	1.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/03/72-10/31/72	14	46750.	46635.714	48000.	45800.	464010.989	681.184	45900.	46000.	47050.	47700.
00300	OXYGEN, DISSOLVED MG/L	07/23/70-10/31/72	21	6.1	6.1	7.5	4.6	0.809	0.899	4.7	5.5	6.8	7.48
00400	PH (STANDARD UNITS)	07/23/70-10/31/72	21	7.5	7.581	7.7	7.5	0.009	0.093	7.5	7.5	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-10/31/72	21	7.5	7.572	7.7	7.5	0.009	0.093	7.5	7.5	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-10/31/72	21	0.032	0.027	0.032	0.02	0.	0.005	0.02	0.02	0.032	0.032
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	7	32.	32.086	32.3	32.	0.015	0.121	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-10/31/72	21	7.	10.714	28.	2.	74.714	8.644	3.2	5.	16.	27.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-10/31/72	3 ##	5.	3.667	5.	1.	5.333	2.309	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-10/31/72	3 ##	0.699	0.466	0.699	0.	0.163	0.404	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.924								
70305	SALINITY BASED ON CONDUCTIVITY	05/03/72-10/31/72	14	30.7	31.271	40.	30.	6.525	2.554	30.1	30.2	30.95	35.8

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

EPA Water Quality Criteria Analysis for Station: OLYM0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	14	0	0.00	7	0	0.00				7	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	21	0	0.00	7	0	0.00				14	0	0.00			
00400	PH	Marine Chronic	8.5	21	0	0.00	7	0	0.00				14	0	0.00			
		Other-Lo Lim.	6.5	21	0	0.00	7	0	0.00				14	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0022

NPS Station ID: OLYM0022
LAT/LON: 48.124726/-123.377227
Agency: 10EPACOP
Date Created: 04/21/79
Location: ONIER 007
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310008
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 YD S ITT RAY
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 1.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
200 YDS SOUTH OF ITT RAYONIER SUBMARINE DIFFUSER 007

Parameter Inventory for Station: OLYM0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	45	65.	90.533	180.	0.	4185.027	64.692	0.	32.5	139.	175.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	7	8.9	9.029	10.2	8.3	0.546	0.739	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	4	8.65	8.65	8.8	8.5	0.017	0.129	**	**	**	**
00400	PH (STANDARD UNITS)	08/25/75-08/18/76	7	7.91	7.916	7.98	7.85	0.003	0.051	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/18/76	7	7.91	7.913	7.98	7.85	0.003	0.051	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/18/76	7	0.012	0.012	0.014	0.01	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	24	3.2	7.721	30.9	2.9	110.217	10.498	2.95	3.1	3.275	30.75
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	24	2.5	7.	110.	0.	485.739	22.039	0.	0.25	4.75	6.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	45	479.	465.444	587.	380.	3760.525	61.323	383.2	409.	502.	583.8
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	45	1720.	1735.956	1830.	1638.	3647.907	60.398	1638.	1715.	1800.	1830.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	40	245.	247.6	269.	237.	142.605	11.942	237.	237.	250.	269.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	5	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	45	210.	198.	275.	0.	2588.045	50.873	159.6	180.5	227.5	243.4
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	45	5.	6.911	44.	0.	59.719	7.728	0.	2.	10.	15.8
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/18/76-08/18/76	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00										4	0	0.00
00400	PH	Marine Chronic	8.5	7	0	0.00										7	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00										7	0	0.00

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

Station Inventory for Station: OLYM0023

NPS Station ID: OLYM0023
LAT/LON: 48.123059/-123.377227
Agency: 10EPACOP
Date Created: 04/21/79
Location: 007
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310031
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 YD S. OF ITT
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 1.240
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
400 YDS SOUTH OF DIFFUSER STATION 07 -CEW 72

Parameter Inventory for Station: OLYM0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/14/72-06/14/72	5	65.	78.4	131.	0.	3009.8	54.862	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/14/72-06/14/72	3	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/14/72-06/14/72	3	19.	41.333	100.	5.	2630.333	51.287	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/14/72-06/14/72	5	530.	528.4	532.	525.	10.3	3.209	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/14/72-06/14/72	5	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/14/72-06/14/72	5	372.	372.	372.	372.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/14/72-06/14/72	5	144.	157.4	274.	1.	10753.3	103.698	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/14/72-06/14/72	5	19.	19.4	53.	2.	425.3	20.623	**	**	**	**

** - Less than 9 observations ## - 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: OLYM0024

NPS Station ID: OLYM0024
LAT/LON: 48.129726/-123.377227
Agency: 10EPACOP
Date Created: 04/21/79
Location: 007
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310030
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 YD N. OF ITT
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
400 YDS NORTH OF DIFFUSER STATION 07 -CEW 72

Parameter Inventory for Station: OLYM0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/14/72-06/14/72	6	65.	65.333	131.	0.	3432.267	58.586	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/14/72-06/14/72	3	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/14/72-06/14/72	3	33.	32.	57.	6.	651.	25.515	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/14/72-06/14/72	6	547.	547.	550.	544.	7.2	2.683	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/14/72-06/14/72	6	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/14/72-06/14/72	6	372.	372.	372.	372.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/14/72-06/14/72	6	2.5	78.5	238.	0.	14334.3	119.726	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/14/72-06/14/72	6	90.5	87.333	168.	3.	5300.667	72.806	**	**	**	**

** - Less than 9 observations ## - 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: OLYM0025

NPS Station ID: OLYM0025 LAT/LON: 48.128337/-123.377227 Agency: 10EPACOP Date Created: 04/21/79
Location: ONIER 007 FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 310006
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 3276 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: 11 YD N ITT RAY ECO Region:
RF1 Index: 17110020 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
200 YDS NORTH OF ITT RAYONIER SUBMARINE DIFFUSER 007

Parameter Inventory for Station: OLYM0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	43	65.	96.488	196.	0.	5435.684	73.727	0.	0.	180.	196.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	8	8.85	9.088	10.2	8.2	0.567	0.753	**	**	**	**
00400	PH (STANDARD UNITS)	08/25/75-08/25/75	3	7.97	7.97	7.97	7.97	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/25/75	3	7.97	7.97	7.97	7.97	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/25/75	3	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	24	3.2	7.746	31.4	2.9	110.253	10.5	3.	3.1	3.3	30.65
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	24	2.	2.958	13.	0.	10.216	3.196	0.	0.25	3.75	8.5
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	43	485.	456.535	560.	345.	5133.683	71.65	348.4	392.	522.	541.2
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	43	1720.	1732.279	1830.	1638.	3499.539	59.157	1638.	1715.	1800.	1818.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	39	245.	247.538	269.	237.	146.202	12.091	237.	237.	250.	269.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	4	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	43	204.	201.093	274.	95.	1004.753	31.698	164.4	180.	222.	239.4
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	43	4.	7.837	67.	0.	124.806	11.172	0.	1.	11.	18.4

** - 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: OLYM0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Marine Chronic	8.5	3	0	0.00										3	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00										3	0	0.00

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

Station Inventory for Station: OLYM0026

NPS Station ID: OLYM0026 LAT/LON: 48.126392/-123.377227 Agency: 10EPACOP Date Created: 04/21/79
Location: R 007 FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 310007
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 3276 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: 11 R ITT RAYONIE ECO Region:
RF1 Index: 17110020028 RF1 Mile Point: 1.240 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
OVER ITT RAYONIER SULFITE PULP MILL EXTENDED DIFFUSE

Parameter Inventory for Station: OLYM0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	87	65.	93.149	196.	0.	5067.454	71.186	0.	0.	131.	196.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	5	8.4	8.9	10.6	8.2	1.	1.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/25/75-08/18/76	4	7.97	7.948	7.99	7.86	0.003	0.059	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/18/76	4	7.97	7.944	7.99	7.86	0.004	0.059	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/18/76	4	0.011	0.011	0.014	0.01	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	44	3.2	5.636	31.4	2.8	65.213	8.075	2.9	3.025	3.2	16.75
00745	SULFIDE, TOTAL (MG/L AS S)	08/25/75-08/25/75	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	44	4.	36.841	1220.	0.	33548.835	183.163	0.	1.	12.	28.5
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	87	388.	414.368	568.	335.	5578.956	74.692	335.8	353.	500.	515.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	87	1638.	1659.103	2000.	1500.	19007.978	137.869	1512.	1533.	1748.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	86	253.	271.814	372.	237.	1447.589	38.047	237.	244.	308.	310.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	1	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	87	205.	185.034	308.	0.	6819.336	82.579	2.4	172.	244.	261.2
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	87	4.	22.816	198.	0.	1867.175	43.211	1.	2.	12.	88.8
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/18/76	3	0.05	0.06	0.09	0.04	0.001	0.026	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Marine Chronic	8.5	4	0	0.00										4	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00										4	0	0.00

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

Station Inventory for Station: OLYM0027

NPS Station ID: OLYM0027
LAT/LON: 48.140281/-123.379170
Agency: UNIVWASH
Date Created: / /
Location: 1 MILE EAST
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA72
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 180
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/51-12/10/63	75	49.	61.32	163.	0.	2887.815	53.738	0.	16.	98.	163.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/51-12/10/63	75	8.5	8.496	10.3	6.9	0.721	0.849	7.36	7.9	9.1	9.7
00300	OXYGEN, DISSOLVED MG/L	03/20/51-12/10/63	61	7.6	7.221	8.7	4.5	1.233	1.111	5.36	6.45	7.9	8.68
00480	SALINITY - PARTS PER THOUSAND	03/20/51-12/10/63	75	30.8	30.907	32.4	30.	0.335	0.579	30.3	30.4	31.5	31.7
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	12/10/63-12/10/63	5	4.	5.4	12.	1.	18.3	4.278	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0027

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	61	0	0.00	12	0	0.00	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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/51-12/10/63	12	40.5	55.5	163.	0.	2541.182	50.41	0.	16.	93.75	148.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/51-12/10/63	12	9.3	9.317	9.8	8.8	0.131	0.361	8.83	9.	9.675	9.8
00300	OXYGEN, DISSOLVED MG/L	03/20/51-12/10/63	12	5.6	5.5	6.3	4.5	0.431	0.656	4.53	4.875	6.075	6.27
00480	SALINITY - PARTS PER THOUSAND	03/20/51-12/10/63	12	31.55	31.6	32.	31.1	0.058	0.241	31.19	31.5	31.775	31.97

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/51-12/10/63	28	48.5	62.25	163.	0.	3072.787	55.433	0.	16.	98.	163.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/51-12/10/63	28	8.	7.946	8.8	6.9	0.446	0.667	7.	7.325	8.5	8.8
00300	OXYGEN, DISSOLVED MG/L	03/20/51-12/10/63	25	7.8	7.728	8.7	5.6	0.699	0.836	6.6	7.1	8.65	8.7
00480	SALINITY - PARTS PER THOUSAND	03/20/51-12/10/63	28	30.9	30.95	32.4	30.	0.33	0.574	30.3	30.4	31.4	31.62

** - 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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/20/51-12/10/63	35	62.	62.571	163.	0.	3008.664	54.851	0.	16.	98.	161.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/20/51-12/10/63	35	8.2	8.654	10.3	7.5	0.661	0.813	7.8	8.	9.4	10.04
00300	OXYGEN, DISSOLVED MG/L	03/20/51-12/10/63	24	7.7	7.554	8.6	5.9	0.342	0.585	6.6	7.325	7.875	8.1
00480	SALINITY - PARTS PER THOUSAND	03/20/51-12/10/63	35	30.5	30.634	31.9	30.	0.2	0.447	30.	30.4	30.8	31.32

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

Station Inventory for Station: OLYM0028

NPS Station ID: OLYM0028
LAT/LON: 48.125559/-123.379726
Agency: 1119C050
Date Created: / /
Location: ITT RAYONIER INC PORT ANGELES
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/IND/TREATD/OUTFL/OCEAN
STORET Station ID(s): 543181
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 1.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
SUBMARINE OUTFALL DIFFUSOR

Parameter Inventory for Station: OLYM0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500	RESIDUE, TOTAL (MG/L)	10/02/72-10/31/72	7	3142.	2916.	3414.	2388.	201669.333	449.076	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/02/72-10/31/72	7	1470.	1524.	1790.	1218.	43785.333	209.249	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/02/72-10/31/72	6	50.	53.167	68.	40.	115.367	10.741	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/02/72-10/31/72	6	44.5	49.167	68.	38.	149.767	12.238	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/02/72-10/31/72	6	16800.	14750.	18800.	7600.	22995000.	4795.31	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	10/02/72-10/31/72	7	25.07	22.506	27.92	2.65	78.236	8.845	**	**	**	**

** - Less than 9 observations ## - 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: OLYM0029

NPS Station ID: OLYM0029
LAT/LON: 48.126392/-123.379726
Agency: 10EPACOP
Date Created: 04/21/79
Location: ONIER 007
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310009
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 YD W ITT RAY
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 1.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
200 YDS WEST OF ITT RAYONIER PULP MILL SUB. DIFFUSER

Parameter Inventory for Station: OLYM0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	53	131.	99.245	196.	0.	5418.843	73.613	0.	32.5	180.	196.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/76-08/18/76	4	9.75	9.725	10.5	8.9	0.442	0.665	**	**	**	**
00400	PH (STANDARD UNITS)	08/25/75-08/25/75	3	7.95	7.95	7.96	7.94	0.	0.01	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/25/75	3	7.95	7.95	7.96	7.94	0.	0.01	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/25/75	3	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	28	3.2	7.046	30.9	2.8	96.316	9.814	2.99	3.1	3.2	30.71
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	28	3.	5.857	27.	0.	54.646	7.392	0.	1.25	8.	21.4
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	53	463.	432.226	540.	325.	5766.679	75.939	325.	353.	500.	525.6
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	53	1720.	1707.132	1830.	1545.	7849.771	88.599	1545.	1638.	1774.	1818.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	48	247.5	258.	310.	237.	670.638	25.897	237.	237.	269.	310.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	5	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	53	200.	203.642	270.	112.	1012.927	31.827	165.8	184.	224.5	250.4
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	53	3.	8.283	61.	0.	187.553	13.695	0.	1.	8.	22.8

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

EPA Water Quality Criteria Analysis for Station: OLYM0029

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Marine Chronic	8.5	3	0	0.00										3	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00										3	0	0.00

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

Station Inventory for Station: OLYM0030

NPS Station ID: OLYM0030
LAT/LON: 48.139726/-123.379726
Agency: 10EPACOP
Date Created: 04/21/79
Location: ER
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 OF ITT RAYONI
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
EVEN WITH EDIZ HOOK, OUT (N) FROM SUBMARINE DIFFUSER

Parameter Inventory for Station: OLYM0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	67	131.	189.418	524.	0.	30571.944	174.848	0.	65.	327.	524.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/73-08/18/76	27	9.7	9.548	10.9	7.1	0.891	0.944	7.98	8.8	10.2	10.72
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	35	3.2	7.166	32.9	2.8	99.783	9.989	3.	3.1	3.3	30.56
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	35	0.	3.943	79.	0.	181.35	13.467	0.	0.	1.	11.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	67	487.	501.239	562.	458.	1426.821	37.773	458.	478.	555.	560.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	67	1720.	1753.91	2000.	1638.	9042.446	95.092	1638.	1715.	1800.	1864.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	64	245.	258.594	372.	237.	1468.943	38.327	237.	237.	264.25	320.5
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	3	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	67	216.	211.672	307.	0.	3696.648	60.8	150.	191.	259.	268.8
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	67	4.	8.866	109.	0.	308.633	17.568	1.	1.	8.	16.4

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

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

Annual Analysis for 1972 - Station OLYM0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	16	98.	155.375	524.	0.	30819.45	175.555	0.	16.25	278.	524.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	16	478.	508.375	562.	478.	1643.717	40.543	478.	478.	558.75	562.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	16	1715.	1821.875	2000.	1715.	20306.25	142.5	1715.	1715.	2000.	2000.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	16	269.	307.625	372.	269.	2652.25	51.5	269.	269.	372.	372.
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	16	162.	141.625	226.	0.	5680.917	75.372	0.	80.25	193.75	221.1
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	16	11.	26.125	109.	4.	903.183	30.053	4.7	7.25	41.5	79.6

** - 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 1973 - Station OLYM0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	12	163.5	207.167	524.	0.	33417.97	182.806	0.	65.	327.	524.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	12	560.	560.	560.	560.	0.	0.	560.	560.	560.	560.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	12	1800.	1800.	1800.	1800.	0.	0.	1800.	1800.	1800.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	12	250.	250.	250.	250.	0.	0.	250.	250.	250.	250.
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	12	266.5	258.333	307.	214.	680.242	26.081	214.3	241.	271.	297.4
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	12	1.	1.333	4.	0.	1.152	1.073	0.	1.	2.	3.4

** - 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 1974 - Station OLYM0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	24	163.5	207.167	524.	0.	31965.014	178.788	0.	65.	327.	524.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	24	487.5	487.5	488.	487.	0.261	0.511	487.	487.	488.	488.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	24	1734.	1734.	1748.	1720.	204.522	14.301	1720.	1720.	1748.	1748.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	24	237.	237.	237.	237.	0.	0.	237.	237.	237.	237.
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	24	245.5	241.125	293.	197.	757.592	27.524	200.5	215.25	262.75	273.5
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	24	1.	2.292	7.	0.	4.737	2.177	0.	1.	3.75	6.5

** - 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 1975 - Station OLYM0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	12	163.5	207.167	524.	0.	33417.97	182.806	0.	65.	327.	524.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	12	458.	458.	458.	458.	0.	0.	458.	458.	458.	458.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	12	1638.	1638.	1638.	1638.	0.	0.	1638.	1638.	1638.	1638.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	12	245.	245.	245.	245.	0.	0.	245.	245.	245.	245.
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	12	202.5	208.083	256.	185.	424.629	20.607	186.2	191.5	220.5	248.2
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	12	6.	6.5	13.	3.	8.636	2.939	3.3	4.	8.	12.1

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

Annual Analysis for 1976 - Station OLYM0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	3	65.	87.	196.	0.	9967.	99.835	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	3	511.	511.	513.	509.	4.	2.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	3	1830.	1830.	1830.	1830.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 OLYM0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	3	180.	177.333	180.	172.	21.333	4.619	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	3	6.	9.	15.	6.	27.	5.196	**	**	**	**

** - Less than 9 observations ## - Computed 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: OLYM0031

NPS Station ID: OLYM0031 | LAT/LON: 48.126392/-123.381392 | Agency: UNIVWASH | Date Created: / /
Location: Q-1 | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDFA29
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 52 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110020028 | RF1 Mile Point: 1.240 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	4	24.	21.75	39.	0.	302.917	17.405	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	4	10.55	10.225	11.2	8.6	1.309	1.144	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	4	6.	5.9	6.7	4.9	0.56	0.748	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	4	31.3	31.35	32.2	30.6	0.457	0.676	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	4	10.5	65.75	239.	3.	13380.917	115.676	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0031

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	4	0	0.00										4	0	0.00

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

Station Inventory for Station: OLYM0032

NPS Station ID: OLYM0032
LAT/LON: 48.125837/-123.383337
Agency: 10EPACOP
Date Created: 04/21/79
Location:
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310032
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 YD. W OF 007
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 1.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
500 YDS WEST OF DIFFUSER, IN LINE WITH CITY OUTFALL

Parameter Inventory for Station: OLYM0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/14/72-06/14/72	6	65.	65.333	131.	0.	3432.267	58.586	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/14/72-06/14/72	3	3.2	3.133	3.2	3.	0.013	0.115	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/14/72-06/14/72	3	7.	123.	355.	7.	40368.	200.918	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/14/72-06/14/72	6	517.	516.667	520.	513.	9.867	3.141	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/14/72-06/14/72	6	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/14/72-06/14/72	6	372.	372.	372.	372.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/14/72-06/14/72	6	236.5	167.833	273.	0.	17005.367	130.405	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/14/72-06/14/72	6	4.5	19.333	52.	1.	622.667	24.953	**	**	**	**

** - Less than 9 observations ## - 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: OLYM0033

NPS Station ID: OLYM0033 | LAT/LON: 48.121115/-123.383616 | Agency: UNIVWASH | Date Created: / /
Location: T-2 | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDFA42
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 39 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110020028 | RF1 Mile Point: 1.140 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	3	16.	14.	26.	0.	172.	13.115	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	3	11.5	11.333	12.2	10.3	0.923	0.961	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	3	6.5	6.333	6.6	5.9	0.143	0.379	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	3	30.9	31.067	31.5	30.8	0.143	0.379	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	3	47.	35.333	51.	8.	564.333	23.756	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0033

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	3	0	0.00										3	0	0.00

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

Station Inventory for Station: OLYM0034

NPS Station ID: OLYM0034 | LAT/LON: 48.132226/-123.385837 | Agency: UNIVWASH | Date Created: / /
Location: L-2 | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDFA18
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 98 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110020 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	6	48.5	48.667	98.	0.	1491.867	38.625	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	6	9.1	9.267	11.2	7.6	2.539	1.593	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	6	4.6	5.117	7.2	3.6	2.518	1.587	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	6	32.3	31.9	33.4	30.	2.296	1.515	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	6	3.	8.5	33.	0.	159.5	12.629	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	2	0.33										6	2	0.33

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

Station Inventory for Station: OLYM0035

NPS Station ID: OLYM0035
Location: ITT RAYONIER
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin:
Minor Basin: 11 NAUT MI E-NE
RF1 Index: 17110020028
RF3 Index:
Description:
APPROX 3/4 NAUTICAL MILE E-NE OF ITT RAYONIER

LAT/LON: 48.120837/-123.386949
Depth of Water: 3276
Elevation: 0
RF1 Mile Point: 0.800
RF3 Mile Point: 0.00

Agency: 10EPACOP
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 31013A
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 04/21/79
On/Off RF1: OFF
On/Off RF3:

Parameter Inventory for Station: OLYM0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/73-08/18/76	18	32.5	32.5	65.	0.	1118.382	33.442	0.	0.	65.	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/73-08/18/76	10	10.35	10.39	11.4	9.	0.563	0.75	9.04	10.	10.975	11.38
00400	PH (STANDARD UNITS)	08/25/75-08/25/75	2	7.965	7.965	7.97	7.96	0.	0.007	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/25/75	2	7.965	7.965	7.97	7.96	0.	0.007	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/25/75	2	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/24/73-08/18/76	10	3.1	3.08	3.2	2.9	0.013	0.114	2.9	2.975	3.2	3.2
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/24/73-08/18/76	10	10.5	18.8	64.	0.	510.178	22.587	0.2	2.75	29.	63.2
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	07/24/73-08/18/76	18	473.	477.778	545.	398.	2934.654	54.172	398.	450.5	536.	545.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	07/24/73-08/18/76	18	1748.	1738.	1830.	1638.	4352.941	65.977	1638.	1699.5	1800.	1830.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	07/24/73-08/25/75	16	241.	242.25	250.	237.	32.733	5.721	237.	237.	248.75	250.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	2	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	07/24/73-08/18/76	18	184.	135.	260.	0.	10271.059	101.346	0.	0.	207.25	251.
71096	ABNORMAL BIVALVE MULLOSC LARVAE	07/24/73-08/18/76	18	14.	51.944	287.	0.	5909.82	76.875	0.9	4.75	73.25	161.9

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

EPA Water Quality Criteria Analysis for Station: OLYM0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Marine Chronic	8.5	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00

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

Station Inventory for Station: OLYM0036

NPS Station ID: OLYM0036
LAT/LON: 48.125837/-123.393616
Agency: 10EPACOP
Date Created: 04/21/79
Location: FALL
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310128
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 F PA CITY OUT
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 0.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
JUST EAST OF CITY SEWER OUTFALL (SUBMARINE)

Parameter Inventory for Station: OLYM0036

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

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

Station Inventory for Station: OLYM0037

NPS Station ID: OLYM0037
LAT/LON: 48.139726/-123.394448
Agency: UNIVWASH
Date Created: / /
Location: G-5
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 196
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-08/30/63	25	32.	52.52	163.	0.	2577.01	50.764	0.	11.	98.	143.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-08/30/63	25	9.3	9.304	11.3	7.4	1.66	1.289	7.76	8.	10.5	11.3
00300	OXYGEN, DISSOLVED MG/L	09/09/62-08/30/63	25	7.3	6.936	9.	3.4	2.586	1.608	4.46	5.95	8.25	8.9
00480	SALINITY - PARTS PER THOUSAND	09/09/62-08/30/63	25	31.	31.192	33.5	29.8	1.068	1.034	29.8	30.45	32.1	32.62
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-08/30/63	25	2.	3.08	9.	0.	7.327	2.707	0.	1.	4.	8.4

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

EPA Water Quality Criteria Analysis for Station: OLYM0037

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	25	1	0.04				6	0	0.00	7	0	0.00	12	1	0.08

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

Station Inventory for Station: OLYM0038

NPS Station ID: OLYM0038
Location: MEADOW POINT, NE OF
Station Type: /TYPA/AMBNT/OCEAN
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin: PACIFIC NORTHWEST
Minor Basin: PUGET SOUND - PUGET SOUND BASIN
RF1 Index: 17110020
RF3 Index:
Description:

LAT/LON: 47.716670/-123.395004
Depth of Water: 482
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: UNIVWASH
FIPS State/County: 53000 WASHINGTON/
STORET Station ID(s): PSB308
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

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

Parameter Inventory for Station: OLYM0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/55-05/07/67	73	19.	76.822	554.	0.	21330.593	146.05	3.	9.	48.5	335.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/55-05/07/67	73	9.1	9.029	10.3	7.7	0.472	0.687	7.9	8.6	9.55	9.8
00300	OXYGEN, DISSOLVED MG/L	02/19/55-05/07/67	72	9.3	9.113	9.7	7.7	0.312	0.558	8.13	9.	9.5	9.6
00480	SALINITY - PARTS PER THOUSAND	02/19/55-05/07/67	73	28.8	28.823	29.7	28.2	0.156	0.395	28.34	28.6	29.	29.56
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/05/67-05/07/67	53	0.28	0.273	0.3	0.21	0.001	0.023	0.23	0.27	0.29	0.29
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/19/55-05/07/67	63	0.006	0.006	0.009	0.003	0.	0.001	0.005	0.006	0.006	0.008
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/67-05/07/67	53	1.3	1.283	1.4	1.	0.013	0.114	1.1	1.25	1.4	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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0038

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	72	0	0.00				20	0	0.00	52	0	0.00			

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

Station Inventory for Station: OLYM0039

NPS Station ID: OLYM0039 | LAT/LON: 48.125559/-123.396392 | Agency: UNIVWASH | Date Created: / /
Location: Q-5 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA30 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 98 | Aquifer: |
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id: |
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region: |
RF1 Index: 17110020028 | RF1 Mile Point: 0.240 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	19	16.	22.211	65.	0.	404.62	20.115	0.	6.	32.	49.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	19	8.2	8.263	9.6	7.	0.776	0.881	7.1	7.7	9.3	9.6
00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	19	7.	6.937	8.5	5.3	1.114	1.055	5.5	6.1	8.1	8.5
00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	19	30.8	30.711	32.4	29.7	0.67	0.818	29.7	29.8	31.3	31.9
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	19	26.	121.789	938.	1.	53027.62	230.277	6.	14.	125.	394.

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

EPA Water Quality Criteria Analysis for Station: OLYM0039

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	19	0	0.00				14	0	0.00	5	0	0.00			

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

Station Inventory for Station: OLYM0040

NPS Station ID: OLYM0040 LAT/LON: 48.148337/-123.396671 Agency: 21540000 Date Created: / /
Location: ST OF JUAN DE FUCA AT EDIZ HOOK FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): JDF004
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PUGET SOUND (ELWHA DUNGENESS-18) ECO Region:
RF1 Index: 17110020 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED 1000 YARDS OUT IN STRAIT IN LINE WITH NUN BUOY NUMBER 2 OFF END OF EDIZ HOOK AND WATER TANK AT RAYONIER MILL NEAR PORT ANGELES DUE SOUTH OF THIS BUOY SOUTHWEST REGION
7.5 QUAD- EDIZ HOOK 15 QUAD- PORT ANGELES

Parameter Inventory for Station: OLYM0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/16/70	40	10.5	10.5	20.	1.	92.564	9.621	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/16/70	40	9.8	9.537	12.9	6.2	2.009	1.417	7.29	8.75	10.3	11.09
00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	19	766.	765.579	778.	754.	40.48	6.362	757.	761.	770.	774.
00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	20	4.5	5.	10.	0.	9.158	3.026	0.2	3.	7.	10.
00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	20	4.2	4.385	9.7	0.1	4.602	2.145	1.83	2.85	5.95	6.83
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/29/68-09/16/70	38	2.	2.026	8.	0.	2.999	1.732	1.	1.	2.	6.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-02/25/69	10	37.	36.1	38.	33.	2.989	1.729	33.1	34.75	37.25	38.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/16/70	38	7.8	7.516	9.8	5.5	1.101	1.049	5.9	6.775	8.325	8.55
00400	PH (STANDARD UNITS)	09/27/67-09/16/70	40	7.8	7.818	8.3	7.6	0.027	0.163	7.61	7.7	7.875	8.09
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/16/70	40	7.8	7.792	8.3	7.6	0.027	0.165	7.61	7.7	7.875	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/16/70	40	0.016	0.016	0.025	0.005	0.	0.005	0.008	0.013	0.02	0.025
00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	40	29.45	29.583	35.1	24.3	5.552	2.356	27.14	28.2	30.475	34.13
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/29/68-09/16/70	37	5.	31.514	950.	0.	24129.368	155.336	0.	0.	8.5	20.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	20	0.	0.15	2.	0.	0.239	0.489	0.	0.	0.	0.9
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/27/67-09/16/70	20	0.	0.015	0.301	0.	0.005	0.067	0.	0.	0.	0.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.035								

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

EPA Water Quality Criteria Analysis for Station: OLYM0040

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	38	0	0.00	2	0	0.00	12	0	0.00	16	0	0.00	8	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	38	0	0.00	2	0	0.00	12	0	0.00	14	0	0.00	10	0	0.00
00400	PH	Marine Chronic	8.5	40	0	0.00	2	0	0.00	12	0	0.00	16	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	40	0	0.00	2	0	0.00	12	0	0.00	16	0	0.00	10	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	20	0	0.00	1	0	0.00	6	0	0.00	8	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0041

NPS Station ID: OLYM0041 | LAT/LON: 48.119448/-123.397227 | Agency: UNIVWASH | Date Created: / /
Location: V-7 | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDFA44
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 22 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110020028 | RF1 Mile Point: 0.240 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/26/63-07/27/63	6	6.	7.333	16.	0.	52.267	7.23	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/63-07/27/63	6	10.2	10.333	11.9	9.	1.639	1.28	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/26/63-07/27/63	6	6.05	5.367	6.5	1.7	3.415	1.848	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/26/63-07/27/63	6	31.6	31.483	32.	30.6	0.302	0.549	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/26/63-07/27/63	6	55.5	140.167	500.	4.	38089.367	195.165	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0041

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	6	1	0.17							6	1	0.17			

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

Station Inventory for Station: OLYM0042

NPS Station ID: OLYM0042 | LAT/LON: 48.120281/-123.397227 | Agency: UNIVWASH | Date Created: / /
Location: T-6 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA43 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 32 | Aquifer: |
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id: |
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region: |
RF1 Index: 17110020028 | RF1 Mile Point: 0.240 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description: | | |

Parameter Inventory for Station: OLYM0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	31	6.	8.161	26.	0.	55.473	7.448	0.	0.	16.	16.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	31	9.5	9.3	11.8	7.	1.929	1.389	7.32	8.2	10.	11.66
00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	31	6.4	6.472	8.6	0.03	2.463	1.569	4.98	6.	7.4	8.1
00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	31	30.7	30.535	32.2	29.1	0.724	0.851	29.32	29.7	31.	31.88
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	31	63.	134.419	740.	1.	28750.118	169.559	13.2	27.	178.	405.6

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

EPA Water Quality Criteria Analysis for Station: OLYM0042

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	31	1	0.03	3	0	0.00	14	0	0.00	9	0	0.00	5	1	0.20

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

Station Inventory for Station: OLYM0043

NPS Station ID: OLYM0043
LAT/LON: 48.126670/-123.397227
Agency: UNIVWASH
Date Created: / /
Location: P-7
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA31
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 65
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 0.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-12/10/63	28	16.	18.571	49.	0.	290.476	17.043	0.	6.	32.	49.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-12/10/63	28	9.35	9.739	11.4	8.5	0.951	0.975	8.6	9.125	10.875	11.31
00300	OXYGEN, DISSOLVED MG/L	04/17/63-12/10/63	28	7.2	7.614	9.4	6.	1.063	1.031	6.38	6.8	8.675	9.04
00480	SALINITY - PARTS PER THOUSAND	04/17/63-12/10/63	28	30.95	30.721	32.1	29.7	0.642	0.802	29.7	29.8	31.275	31.9
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-12/10/63	28	5.5	15.536	98.	0.	433.147	20.812	0.9	2.25	24.5	37.5

** - 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: OLYM0043

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	28	0	0.00				5	0	0.00	19	0	0.00	4	0	0.00

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

Station Inventory for Station: OLYM0044

NPS Station ID: OLYM0044
Location: PORT ANGELES STA 5
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin: PACIFIC NORTHWEST
Minor Basin: PUGET SOUND BASIN
RF1 Index: 17110020028
RF3 Index:
Description:

LAT/LON: 48.120837/-123.397781
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.240
RF3 Mile Point: 0.00

Agency: 1119C050
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 543028 /P05
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

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

Parameter Inventory for Station: OLYM0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	12	11.5	14.	33.	0.	166.364	12.898	0.	1.75	28.75	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	8	8.35	8.738	10.	8.3	0.488	0.699	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	8	1.	1.	1.7	0.4	0.337	0.581	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	8	46850.	46600.	47000.	45900.	231428.571	481.07	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	12	6.05	6.433	8.2	5.1	0.959	0.979	5.19	5.85	7.4	8.08
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.6	7.592	7.7	7.4	0.012	0.108	7.4	7.525	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.6	7.579	7.7	7.4	0.012	0.109	7.4	7.525	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	12	0.025	0.026	0.04	0.02	0.	0.007	0.02	0.02	0.03	0.04
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	4	32.05	32.025	32.1	31.9	0.009	0.096	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	12	28.5	62.5	210.	5.	5232.818	72.338	7.4	17.25	79.5	210.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	5.	702.333	2100.	2.	1465106.333	1210.416	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	0.699	1.441	3.322	0.301	2.695	1.642	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27.589								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	8	30.75	30.6	30.9	30.1	0.117	0.342	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	4	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	4	0	0.00				8	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	4	0	0.00				8	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00				8	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	1	0.33	1	1	1.00				2	0	0.00			

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

Station Inventory for Station: OLYM0045

NPS Station ID: OLYM0045
Location: PORT ANGELES STA 3
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin: PACIFIC NORTHWEST
Minor Basin: PUGET SOUND BASIN
RF1 Index: 17110020
RF3 Index:
Description:

LAT/LON: 48.133059/-123.397781
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 1119C050
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 543026 /P03
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

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

Parameter Inventory for Station: OLYM0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	18	24.5	36.667	98.	0.	1286.	35.861	0.	7.	66.	98.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	12	8.35	8.492	9.5	8.1	0.164	0.406	8.13	8.2	8.65	9.35
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	12	0.5	0.8	3.	0.4	0.527	0.726	0.4	0.4	0.875	2.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	12	47000.	46958.333	48000.	46000.	453560.606	673.469	46000.	46350.	47425.	48000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/72-11/01/72	5	47000.	47300.	48000.	47000.	200000.	447.214	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	18	6.25	6.6	8.9	4.9	1.673	1.293	5.26	5.625	7.7	8.72
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	18	7.7	7.683	7.8	7.6	0.005	0.071	7.6	7.6	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	18	7.7	7.678	7.8	7.6	0.005	0.071	7.6	7.6	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	18	0.02	0.021	0.025	0.016	0.	0.003	0.016	0.02	0.025	0.025
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	6	32.2	32.217	32.4	32.1	0.014	0.117	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	18	8.	7.444	14.	2.	15.438	3.929	2.	3.75	11.25	12.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	10.	167.	490.	1.	78267.	279.762	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	1.	1.23	2.69	0.	1.849	1.36	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.985								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	12	30.9	30.85	31.6	30.2	0.225	0.474	30.2	30.4	31.15	31.6

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

EPA Water Quality Criteria Analysis for Station: OLYM0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	6	0	0.00				6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	6	0	0.00				12	0	0.00			
00400	PH	Marine Chronic	8.5	18	0	0.00	6	0	0.00				12	0	0.00			
		Other-Lo Lim.	6.5	18	0	0.00	6	0	0.00				12	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0046

NPS Station ID: OLYM0046 | LAT/LON: 48.141115/-123.397781 | Agency: UNIVWASH | Date Created: / /
Location: F-6 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA01 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 196 | Aquifer: |
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id: |
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region: |
RF1 Index: 17110020 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	59	32.	51.153	163.	0.	2569.338	50.689	0.	6.	98.	131.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	58	9.05	9.116	12.1	7.2	1.255	1.12	7.56	8.3	9.55	11.
00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	59	7.	6.922	9.3	3.9	2.042	1.429	5.	6.	8.	9.
00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	59	31.1	31.149	32.9	29.7	0.857	0.926	29.8	30.3	31.9	32.4
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	59	4.	18.695	692.	0.	8087.009	89.928	1.	1.	8.	14.

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

EPA Water Quality Criteria Analysis for Station: OLYM0046

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	59	1	0.02	7	0	0.00	19	1	0.05	26	0	0.00	7	0	0.00

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

Station Inventory for Station: OLYM0047

NPS Station ID: OLYM0047
LAT/LON: 48.139448/-123.397781
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 2
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543025 /P02
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	21	33.	54.857	164.	0.	3177.729	56.371	0.	7.	98.	164.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	14	8.4	8.407	9.7	7.8	0.21	0.458	7.85	8.175	8.5	9.25
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	14	0.55	0.65	1.3	0.3	0.098	0.313	0.3	0.4	0.925	1.15
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	14	47100.	47278.571	49000.	45500.	1032582.418	1016.161	45750.	46800.	47900.	49000.
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	21	6.3	6.443	8.6	4.	1.92	1.385	4.58	5.45	7.75	8.58
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	21	7.7	7.652	7.7	7.4	0.006	0.075	7.6	7.6	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	21	7.7	7.646	7.7	7.4	0.006	0.075	7.6	7.6	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	21	0.02	0.023	0.04	0.02	0.	0.005	0.02	0.02	0.025	0.025
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	7	32.3	32.314	33.1	31.9	0.175	0.418	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	21	8.	11.214	84.	0.5	306.414	17.505	1.2	4.5	10.	23.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3 ##	5.	12.667	32.	1.	284.333	16.862	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3 ##	0.699	0.735	1.505	0.	0.567	0.753	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.429								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	14	30.95	31.057	32.2	29.8	0.475	0.689	30.	30.75	31.475	32.2

** - 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: OLYM0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	14	0	0.00	7	0	0.00				7	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	21	1	0.05	7	0	0.00				14	1	0.07			
00400	PH	Marine Chronic	8.5	21	0	0.00	7	0	0.00				14	0	0.00			
		Other-Lo Lim.	6.5	21	0	0.00	7	0	0.00				14	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0048

NPS Station ID: OLYM0048
LAT/LON: 48.126392/-123.397781
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 4
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543027 /P04
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	15	16.	24.4	66.	0.	594.257	24.377	0.	7.	33.	66.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	10	8.45	8.51	9.6	8.1	0.19	0.436	8.1	8.25	8.575	9.52
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	10	0.75	0.74	1.1	0.4	0.096	0.31	0.4	0.4	1.1	1.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	10	47100.	47010.	48500.	46100.	421000.	648.845	46110.	46650.	47100.	48360.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/72-11/01/72	1	48500.	48500.	48500.	48500.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	15	6.	6.567	8.7	4.7	1.604	1.266	5.18	5.7	8.	8.64
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	15	7.7	7.673	7.8	7.6	0.004	0.059	7.6	7.6	7.7	7.74
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	15	7.7	7.67	7.8	7.6	0.004	0.059	7.6	7.6	7.7	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	15	0.02	0.021	0.025	0.016	0.	0.003	0.018	0.02	0.025	0.025
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	5	32.2	32.	32.3	31.1	0.26	0.51	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	15	10.	15.133	89.	1.	456.267	21.36	1.6	5.	15.	50.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3 ##	5.	72.	210.	1.	14287.	119.528	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3 ##	0.699	1.007	2.322	0.	1.419	1.191	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.164								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	10	30.9	30.85	31.9	30.2	0.207	0.455	30.21	30.6	30.9	31.8

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

EPA Water Quality Criteria Analysis for Station: OLYM0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	0	0.00	5	0	0.00				5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	5	0	0.00				10	0	0.00			
00400	PH	Marine Chronic	8.5	15	0	0.00	5	0	0.00				10	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	5	0	0.00				10	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0049

NPS Station ID: OLYM0049
Location:
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin:
Minor Basin: 11 OF EDIZ HOOK
RF1 Index: 17110020
RF3 Index:
Description:
TIP OF EDIZ HOOK

LAT/LON: 48.139726/-123.398337
Depth of Water: 3276
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 10EPACOP
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 030705
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 04/21/79
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	129	65.	124.209	524.	0.	23033.417	151.768	0.	0.	196.	327.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	30	9.3	9.097	10.2	7.5	0.762	0.873	7.82	8.4	9.925	10.19
00400	PH (STANDARD UNITS)	08/25/75-08/25/75	3	7.98	7.983	7.99	7.98	0.	0.006	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/25/75	3	7.98	7.983	7.99	7.98	0.	0.006	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/25/75	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	80	3.3	15.796	33.	2.8	199.337	14.119	3.	3.1	31.175	31.9
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	84	2.	5.881	71.	0.	186.419	13.654	0.	0.	4.75	18.
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	15	2.9	2.43	3.87	0.86	1.779	1.334	0.86	0.94	3.58	3.87
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	129	382.	386.434	575.	103.	17181.107	131.077	190.	319.	502.	502.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	129	1600.	1581.574	1900.	1045.	39509.215	198.769	1245.	1515.	1720.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	92	250.	261.543	310.	237.	701.877	26.493	237.	244.	290.	308.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	3	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	129	213.	202.295	338.	0.	4896.85	69.977	122.	166.5	245.5	280.
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	129	4.	15.434	159.	0.	1247.232	35.316	0.	1.	9.	49.
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/25/75	2	0.04	0.04	0.05	0.03	0.	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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0049

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Marine Chronic	8.5	3	0	0.00										3	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00										3	0	0.00

& - 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 1962 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	3	130.	130.	130.	130.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	3	1530.	1530.	1530.	1530.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	3	170.	170.667	176.	166.	25.333	5.033	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	3	6.	8.	16.	2.	52.	7.211	**	**	**	**

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

Annual Analysis for 1963 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	3	103.	103.	103.	103.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	3	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	3	156.	156.	157.	155.	1.	1.	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	3	6.	6.333	7.	6.	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 1964 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	3	135.	135.	135.	135.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	3	1045.	1045.	1045.	1045.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	3	130.	127.	130.	121.	27.	5.196	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	3	1.	3.333	9.	0.	24.333	4.933	**	**	**	**

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

Annual Analysis for 1965 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	3	190.	190.	190.	190.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	3	1245.	1245.	1245.	1245.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	3	162.	157.333	166.	144.	137.333	11.719	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**

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

Annual Analysis for 1966 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	3	175.	175.	175.	175.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	3	1230.	1230.	1230.	1230.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	3	84.	84.667	121.	49.	1296.333	36.005	**	**	**	**

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

Annual Analysis for 1967 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	3	196.	196.	196.	196.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	3	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	3	45.	46.667	63.	32.	242.333	15.567	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	3	137.	138.333	143.	135.	17.333	4.163	**	**	**	**

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

Annual Analysis for 1968 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	3	335.	335.	335.	335.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	3	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	3	163.	165.667	172.	162.	30.333	5.508	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	3	2.	1.667	3.	0.	2.333	1.528	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	3	212.	212.	212.	212.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	3	1223.	1223.	1223.	1223.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	3	157.	156.667	159.	154.	6.333	2.517	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	3	208.	208.	208.	208.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	3	1323.	1323.	1323.	1323.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	3	224.	219.	232.	201.	259.	16.093	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	3	3.	2.333	4.	0.	4.333	2.082	**	**	**	**

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

Annual Analysis for 1972 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	12	98.	174.5	524.	0.	40034.455	200.086	0.	0.	327.	524.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	12	465.	440.25	465.	366.	2004.75	44.774	366.	390.75	465.	465.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	12	1715.	1761.25	1900.	1715.	7000.568	83.669	1715.	1715.	1853.75	1900.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	9	269.	269.	269.	269.	0.	0.	269.	269.	269.	269.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	12	197.5	220.833	338.	135.	3775.788	61.447	148.2	191.25	276.25	330.8
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	12	8.	7.667	15.	4.	10.97	3.312	4.	5.	9.	13.8

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

Annual Analysis for 1973 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	35	131.	132.629	524.	0.	17274.946	131.434	0.	65.	196.	327.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	35	345.	412.6	575.	315.	14277.835	119.49	315.	323.	575.	575.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	35	1545.	1616.571	1800.	1500.	18305.546	135.298	1500.	1515.	1800.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	33	250.	263.727	310.	244.	716.642	26.77	244.	247.	281.5	310.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	35	229.	219.743	315.	115.	1952.138	44.183	151.6	195.	245.	280.
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	35	3.	10.229	110.	0.	562.946	23.726	0.	1.	8.	17.2

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

Annual Analysis for 1974 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	40	131.	163.5	524.	0.	23978.103	154.849	0.	65.	196.	504.3
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	40	502.	448.05	502.	353.	4523.126	67.254	353.	382.	502.	502.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	40	1720.	1666.85	1748.	1533.	7462.695	86.387	1533.	1600.	1747.25	1748.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	38	237.	263.105	308.	237.	997.394	31.582	237.	237.	290.	308.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	40	249.5	239.725	296.	76.	2193.743	46.837	181.8	223.75	270.75	284.9
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	40	1.	5.175	71.	0.	222.866	14.929	0.	0.	2.75	8.7

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

Annual Analysis for 1975 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	12	163.5	207.167	524.	0.	33417.97	182.806	0.	65.	327.	524.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	12	473.	473.	473.	473.	0.	0.	473.	473.	473.	473.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	12	1638.	1638.	1638.	1638.	0.	0.	1638.	1638.	1638.	1638.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	12	245.	245.	245.	245.	0.	0.	245.	245.	245.	245.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	12	207.5	209.75	235.	187.	181.659	13.478	189.7	202.25	220.	232.9
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	12	7.	8.417	18.	3.	18.265	4.274	3.3	5.25	11.5	16.5

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

Annual Analysis for 1976 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	3	65.	87.	196.	0.	9967.	99.835	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	3	492.	492.	494.	490.	4.	2.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	3	1830.	1830.	1830.	1830.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	3	167.	174.	191.	164.	219.	14.799	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	3	8.	8.	10.	6.	4.	2.	**	**	**	**

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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	7	65.	84.	196.	0.	5299.333	72.797	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	4	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	4	4.5	4.25	5.	3.	0.917	0.957	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	7	323.	323.	323.	323.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	7	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	7	219.	218.857	234.	204.	107.81	10.383	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	7	4.	3.714	8.	1.	4.905	2.215	**	**	**	**

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	8	98.	98.	196.	0.	6110.286	78.168	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	4	2.8	2.825	2.9	2.8	0.003	0.05	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	4	1.	1.5	4.	0.	3.667	1.915	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	8	353.	353.	353.	353.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	8	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	8	282.5	278.75	296.	259.	171.357	13.09	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	8	1.5	1.625	3.	0.	1.125	1.061	**	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	84	65.	112.119	524.	0.	22576.925	150.256	0.	0.	196.	327.
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	54	30.6	20.324	33.	3.	191.21	13.828	3.1	3.2	31.3	31.9
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	58	2.	7.897	71.	0.	256.901	16.028	0.	0.75	6.	22.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	84	366.	372.381	575.	130.	19528.287	139.744	175.	237.75	502.	575.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	84	1545.	1567.107	1900.	1045.	46280.338	215.129	1230.	1503.75	1748.	1800.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	84	201.5	188.56	338.	0.	6182.9	78.631	54.	157.5	240.75	275.
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	84	4.	21.369	159.	0.	1812.862	42.578	0.	1.	11.	103.

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	30	131.	174.433	524.	0.	30864.116	175.682	0.	0.	327.	524.
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	18	3.15	7.894	31.9	2.8	122.05	11.048	2.89	3.	3.3	31.9
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	18	0.5	0.722	3.	0.	0.801	0.895	0.	0.	1.	2.1
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	30	481.5	449.5	502.	103.	13976.397	118.222	140.	473.	502.	502.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	30	1679.	1636.2	1830.	1100.	36534.993	191.141	1153.8	1638.	1720.	1819.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	30	211.5	216.5	291.	155.	1420.19	37.685	157.7	194.75	245.25	272.2
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	30	5.5	5.233	18.	0.	19.771	4.446	0.1	1.	7.25	11.8

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

Station Inventory for Station: OLYM0050

NPS Station ID: OLYM0050 | LAT/LON: 48.133059/-123.398337 | Agency: UNIVWASH | Date Created: / /
Location: L-6 | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDFA19
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 98 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110020 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	54	16.	29.148	98.	0.	777.034	27.875	0.	6.	65.	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	54	9.2	9.015	12.3	7.	1.57	1.253	7.2	8.15	9.5	10.65
00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	54	7.15	7.15	9.4	5.1	1.377	1.173	5.55	6.25	8.1	8.8
00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	54	31.	30.913	32.2	29.7	0.797	0.893	29.75	29.975	31.8	32.1
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	54	13.5	38.519	490.	0.	6335.877	79.598	3.	4.	39.	57.

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

EPA Water Quality Criteria Analysis for Station: OLYM0050

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	54	0	0.00	5	0	0.00	23	0	0.00	21	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0051

NPS Station ID: OLYM0051
LAT/LON: 48.126115/-123.398616
Agency: 10EPACOP
Date Created: 04/21/79
Location: . OUTFALL
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310033
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 R PA CITY EXT
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
DIRECTLY OVER CITY SEWER EXTENDED SUBMARINE OUTFALL

Parameter Inventory for Station: OLYM0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/14/72-06/14/72	6	65.	65.333	131.	0.	3432.267	58.586	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/14/72-06/14/72	3	3.2	3.167	3.2	3.1	0.003	0.058	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/14/72-06/14/72	3	10.	310.333	915.	6.	274220.333	523.661	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/14/72-06/14/72	6	499.	498.333	500.	496.	3.467	1.862	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/14/72-06/14/72	6	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/14/72-06/14/72	6	372.	372.	372.	372.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/14/72-06/14/72	6	235.	172.167	293.	0.	17359.767	131.756	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/14/72-06/14/72	6	2.5	6.5	20.	1.	57.1	7.556	**	**	**	**

** - Less than 9 observations ## - 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: OLYM0052

NPS Station ID: OLYM0052 LAT/LON: 48.139448/-123.398893 Agency: 21540000 Date Created: / /
Location: PORT ANGELES HARBOR AT EDIZ HOOK FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): PAH001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PUGET SOUND (ELWHA DUNGENESS-18) ECO Region:
RF1 Index: 17110020 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED IN PORT ANGELES HARBOR DIRECTLY ADJACENT TO RED BUOY NUMBER 2 WITH FLASHING FIVE SECOND LIGHT AT THE EASTERLY END OF EDIZ HOOK
SOUTHWEST REGION 7.5 QUAD- EDIZ HOOK
15 QUAD- PORT ANGELES

Parameter Inventory for Station: OLYM0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/16/70	50	10.5	10.5	20.	1.	92.092	9.596	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/16/70	50	9.45	9.294	11.9	6.1	1.954	1.398	6.93	8.375	10.4	11.
00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	23	764.	761.478	778.	682.	332.897	18.245	754.6	760.	769.	773.2
00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	25	5.	5.84	22.	0.	21.39	4.625	0.	3.	8.	10.
00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	25	4.2	4.544	8.9	0.1	4.198	2.049	2.	3.3	6.05	7.22
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/16/70	47	2.	1.83	5.	0.	1.449	1.204	1.	1.	2.	4.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-02/25/69	14	37.	36.429	38.	33.	3.033	1.742	33.	35.	38.	38.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/16/70	48	7.3	7.381	12.9	4.	2.892	1.701	4.98	6.625	8.075	9.22
00400	PH (STANDARD UNITS)	09/27/67-09/16/70	49	7.8	7.802	8.3	7.1	0.045	0.212	7.6	7.7	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/16/70	49	7.8	7.747	8.3	7.1	0.048	0.219	7.6	7.7	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/16/70	49	0.016	0.018	0.079	0.005	0.	0.011	0.008	0.013	0.02	0.025
00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	50	29.7	29.85	35.5	24.6	6.542	2.558	27.12	28.5	30.5	35.19
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	46	5.	9.022	57.	0.	105.088	10.251	0.	2.	15.	19.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	25	0.	10.56	200.	0.	1588.673	39.858	0.	0.	4.	18.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/27/67-09/16/70	25	0.	0.309	2.301	0.	0.348	0.59	0.	0.	0.588	1.25
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.035								

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

EPA Water Quality Criteria Analysis for Station: OLYM0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	47	0	0.00	2	0	0.00	17	0	0.00	20	0	0.00	8	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	1	0.02	2	0	0.00	18	0	0.00	18	1	0.06	10	0	0.00
00400	PH	Marine Chronic	8.5	49	0	0.00	2	0	0.00	17	0	0.00	20	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	49	0	0.00	2	0	0.00	17	0	0.00	20	0	0.00	10	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	25	0	0.00	1	0	0.00	9	0	0.00	10	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0053

NPS Station ID: OLYM0053
LAT/LON: 48.140004/-123.400005
Agency: 10EPACOP
Date Created: 12/03/88
Location: EDIZ HOOK - COMMERCIAL SALMON FROM PENS
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY/TISSUE
STORET Station ID(s): 11X395
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/21/87-12/16/87	3	1671.	1671.333	1672.	1671.	0.333	0.577	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/21/87-12/16/87	2	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	10/21/87-12/16/87	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01099	ANTIMONY,TISSUE,WET WEIGHT,MG/KG	10/21/87-10/21/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/21/87-12/16/87	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01360	SAMPLE LENGTH CM	10/21/87-12/16/87	3	137.	160.667	208.	137.	1680.333	40.992	**	**	**	**
01361	SAMPLE LENGTH-MAXIMUM CM	10/21/87-12/16/87	3	309.	309.	309.	309.	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	10/21/87-10/21/87	2 ##	0.068	0.068	0.1	0.035	0.002	0.046	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	2 ##	0.006	0.006	0.01	0.001	0.	0.006	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/21/87-10/21/87	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/21/87-12/16/87	2	23.95	23.95	24.	23.9	0.005	0.071	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/21/87-10/21/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-12/16/87	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-12/16/87	2	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-10/21/87	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	10/21/87-12/16/87	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/21/87-10/21/87	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/21/87-12/16/87	3	15.	12.333	15.	7.	21.333	4.619	**	**	**	**
81655	CALCIUM IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-12/16/87	2	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
81660	IRON IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-12/16/87	2	0.232	0.232	0.232	0.232	0.	0.	**	**	**	**
81663	TIN IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-10/21/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
81741	MANGANESE IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-12/16/87	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81742	SILVER IN FISH TISSUE WET WEIGHT (MG/KG)PPM	10/21/87-10/21/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: OLYM0054

NPS Station ID: OLYM0054
LAT/LON: 48.133337/-123.400005
Agency: UNIVWASH
Date Created: / /
Location: L-8
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA03
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 131
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-08/30/63	10	16.	23.8	65.	0.	601.956	24.535	0.	4.5	40.25	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-08/30/63	10	11.15	10.93	11.5	9.3	0.429	0.655	9.42	10.65	11.325	11.49
00300	OXYGEN, DISSOLVED MG/L	07/27/63-08/30/63	9	7.1	6.856	7.5	4.9	0.628	0.792	4.9	6.7	7.4	7.5
00480	SALINITY - PARTS PER THOUSAND	07/27/63-08/30/63	9	31.	31.167	32.3	30.8	0.212	0.461	30.8	30.85	31.25	32.3
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-08/30/63	9	2.	1.778	3.	0.	1.194	1.093	0.	1.	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: OLYM0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00							4	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0055

NPS Station ID: OLYM0055
LAT/LON: 48.118615/-123.401392
Agency: UNIVWASH
Date Created: / /
Location: V-8
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA45
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 22
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020028
RF1 Mile Point: 0.140
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/11/62-09/11/62	3	32.	32.333	65.	0.	1056.333	32.501	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/11/62-09/11/62	3	6.9	5.6	7.4	2.5	7.27	2.696	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/11/62-09/11/62	2	29.95	29.95	30.6	29.3	0.845	0.919	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/11/62-09/11/62	2	359.5	359.5	686.	33.	213204.5	461.741	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0055

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	3	1	0.33										3	1	0.33

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

Station Inventory for Station: OLYM0056

NPS Station ID: OLYM0056
LAT/LON: 48.126670/-123.401671
Agency: UNIVWASH
Date Created: / /
Location: P-8
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA32
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 65
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/63-10/29/63	9	16.	17.444	49.	0.	286.778	16.935	0.	3.	32.	49.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/08/63-10/29/63	9	9.5	10.267	12.3	9.2	1.488	1.22	9.2	9.25	11.4	12.3
00300	OXYGEN, DISSOLVED MG/L	09/08/63-10/29/63	9	5.	5.633	6.9	4.8	0.775	0.88	4.8	4.9	6.6	6.9
00480	SALINITY - PARTS PER THOUSAND	09/08/63-10/29/63	9	32.3	31.756	32.4	30.7	0.54	0.735	30.7	31.	32.4	32.4
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/08/63-10/29/63	9	8.	39.667	236.	5.	5901.	76.818	5.	5.5	41.	236.

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

EPA Water Quality Criteria Analysis for Station: OLYM0056

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	9	0	0.00	4	0	0.00							5	0	0.00

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

Station Inventory for Station: OLYM0057

NPS Station ID: OLYM0057
LAT/LON: 48.129170/-123.403338
Agency: 10EPACOP
Date Created: 04/21/79
Location: ONIER
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 031710
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 TH OF ITT RAY
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
BETWEEN ITT RAYONIER DOCK AND EDIZ HOOK

Parameter Inventory for Station: OLYM0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	51	65.	84.549	196.	0.	5864.933	76.583	0.	0.	131.	196.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/76-08/18/76	4	10.35	10.475	11.2	10.	0.276	0.525	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/09/73-08/18/76	28	3.1	6.911	30.4	2.9	92.97	9.642	2.9	2.9	3.2	29.86
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	31	5.	76.613	1040.	0.	66264.912	257.42	0.	3.	22.	43.6
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	51	334.	329.294	533.	-592.	25422.052	159.443	308.	315.	374.	504.6
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	51	1533.	1579.294	1830.	1500.	10487.932	102.411	1500.	1515.	1600.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	04/09/73-04/04/74	40	290.	281.	310.	244.	780.308	27.934	244.	253.	308.	310.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	4	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	51	203.	182.137	321.	0.	10515.001	102.543	1.	152.	262.	284.6
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	51	3.	30.373	197.	0.	3004.078	54.809	0.	1.	21.	147.4

** - 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

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

Station Inventory for Station: OLYM0058

NPS Station ID: OLYM0058
LAT/LON: 48.120004/-123.404448
Agency: UNIVWASH
Date Created: / /
Location: V-9
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA46
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 26
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.380
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/62-09/11/62	9	32.	32.333	65.	0.	792.25	28.147	0.	0.	65.	65.
00300	OXYGEN, DISSOLVED MG/L	09/10/62-09/11/62	9	6.6	6.456	7.8	3.9	1.955	1.398	3.9	5.4	7.7	7.8
00480	SALINITY - PARTS PER THOUSAND	09/10/62-09/11/62	9	30.5	30.9	35.7	29.6	3.35	1.83	29.6	30.1	30.6	35.7
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/10/62-09/11/62	9	150.	170.667	703.	3.	47705.5	218.416	3.	8.5	213.5	703.

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

EPA Water Quality Criteria Analysis for Station: OLYM0058

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	9	1	0.11										9	1	0.11

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

Station Inventory for Station: OLYM0059

NPS Station ID: OLYM0059
LAT/LON: 48.120837/-123.404727
Agency: 10EPACOP
Date Created: 04/21/79
Location: RAYONIER
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 032107
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 T EAST OF ITT
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.380
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
EAST OF ITT RAYONIER SULFITE PULP MILL DOCK; CA BASE

Parameter Inventory for Station: OLYM0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	66	0.	24.682	98.	0.	1408.466	37.53	0.	0.	65.	98.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	4	10.95	10.7	11.9	9.	1.567	1.252	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	2	7.15	7.15	7.3	7.	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/76-08/18/76	2	7.775	7.775	7.81	7.74	0.002	0.049	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/76-08/18/76	2	7.774	7.774	7.81	7.74	0.002	0.05	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/76-08/18/76	2	0.017	0.017	0.018	0.015	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	45	23.8	19.249	32.	2.8	147.243	12.134	2.96	3.1	30.3	30.8
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	51	156.	1895.235	11350.	4.	11188827.504	3344.97	11.2	37.	1310.	8852.6
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	15	3.43	4.714	12.6	1.14	17.956	4.237	1.14	2.06	4.34	12.6
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	66	338.	324.	570.	98.	17519.415	132.361	124.9	205.	453.	472.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	66	1619.	1543.	2000.	1045.	66817.231	258.49	1186.1	1300.	1745.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	30	245.	255.133	308.	237.	550.602	23.465	237.	237.	269.	308.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	2	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	66	0.	48.061	245.	0.	7178.058	84.723	0.	0.	67.5	205.1
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	66	49.	79.5	271.	0.	6038.162	77.706	2.7	8.75	140.	200.8
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/18/76-08/18/76	2	0.095	0.095	0.1	0.09	0.	0.007	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00										2	0	0.00
00400	PH	Marine Chronic	8.5	2	0	0.00										2	0	0.00
		Other-Lo Lim.	6.5	2	0	0.00										2	0	0.00

& - 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: 10/01 to 11/30 - Station OLYM0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	1	9625.	9625.	9625.	9625.	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	2	309.	309.	309.	309.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	2	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	2	160.	160.	160.	160.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more 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: 12/01 to 3/31 - Station OLYM0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	4	32.5	32.5	65.	0.	1408.333	37.528	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	2	2.85	2.85	2.9	2.8	0.005	0.071	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	2	170.	170.	265.	75.	18050.	134.35	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	4	338.	338.	338.	338.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	4	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	4	0.	0.	0.	0.	0.	0.	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	4	162.5	162.5	199.	126.	1256.333	35.445	**	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	43	0.	18.186	98.	0.	1179.631	34.346	0.	0.	0.	84.8
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	31	29.6	24.232	32.	3.1	87.588	9.359	3.1	20.5	30.4	31.76
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	37	156.	1785.054	11350.	11.	11725844.441	3424.302	17.8	70.	1310.	10470.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	43	357.	323.698	570.	106.	21763.264	147.524	133.	200.	455.	472.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	43	1530.	1519.302	2000.	1045.	78730.216	280.589	1223.	1245.	1748.	1800.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	43	0.	37.023	245.	0.	5878.357	76.67	0.	0.	4.	198.
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	43	42.	65.651	271.	0.	5003.518	70.736	0.4	4.	115.	162.6

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	17	65.	42.176	98.	0.	1831.279	42.793	0.	0.	81.5	98.
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	11	3.2	9.664	27.2	2.9	126.865	11.263	2.9	3.1	27.2	27.2
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	11	37.	1876.818	5763.	4.	7113788.164	2667.169	4.2	5.	5763.	5763.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	17	332.	323.235	492.	98.	13966.066	118.178	98.	330.	372.5	491.2
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	17	1638.	1594.588	1830.	1100.	59397.882	243.717	1100.	1638.	1720.	1830.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	17	1.	92.824	216.	0.	10419.404	102.075	0.	0.	201.5	215.2
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	17	26.	85.529	222.	3.	8073.89	89.855	7.	14.	196.	218.8

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

Station Inventory for Station: OLYM0060

NPS Station ID: OLYM0060
LAT/LON: 48.118059/-123.405004
Agency: 1119C050
Date Created: / /
Location: ITT RAYONIER INC PORT ANGELES
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/IND/NTRTMT/OUTFL/OCEAN
STORET Station ID(s): 543180
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.530
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
SEWER C

Parameter Inventory for Station: OLYM0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500	RESIDUE, TOTAL (MG/L)	10/30/72-11/05/72	7	##16315.	22911.429	33720.	14825.	81405097.619	9022.477	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/30/72-11/05/72	7	28370.	23378.571	31170.	15360.	53578955.952	7319.765	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/30/72-11/05/72	7	198.	186.571	226.	132.	1067.619	32.674	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10/30/72-11/05/72	7	194.	184.857	226.	130.	1135.81	33.702	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/30/72-11/05/72	7	480000.	482857.143	530000.	440000.	923809523.81	30394.235	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	10/30/72-11/05/72	7	43.6	27.314	44.4	4.15	441.152	21.004	**	**	**	**

** - 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

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

Station Inventory for Station: OLYM0061

NPS Station ID: OLYM0061
LAT/LON: 48.119727/-123.405837
Agency: UNIVWASH
Date Created: / /
Location: V-10
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA48
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 29
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.380
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/62-09/11/62	8	32.	34.375	81.	0.	862.554	29.369	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/62-09/11/62	8	5.95	4.825	6.	0.	4.659	2.159	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/10/62-09/11/62	6	31.	30.5	31.1	28.9	0.784	0.885	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/10/62-09/11/62	8	169.5	231.875	619.	73.	33086.982	181.898	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0061

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	8	2	0.25										8	2	0.25

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

Station Inventory for Station: OLYM0062

NPS Station ID: OLYM0062
LAT/LON: 48.118892/-123.405837
Agency: UNIVWASH
Date Created: / /
Location: V-4
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA47
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 19
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.380
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/62-09/10/62	3	32.	27.	49.	0.	619.	24.88	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/62-09/10/62	2	3.15	3.15	5.4	0.9	10.125	3.182	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/10/62-09/10/62	2	29.95	29.95	31.1	28.8	2.645	1.626	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/10/62-09/10/62	2	45.	45.	85.	5.	3200.	56.569	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0062

			Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50										2	1	0.50

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

Station Inventory for Station: OLYM0063

NPS Station ID: OLYM0063 | LAT/LON: 48.122781/-123.405837 | Agency: UNIVWASH | Date Created: / /
Location: T-4 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA49 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 32 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region:
RF1 Index: 17110020026 | RF1 Mile Point: 9.380 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-01/09/64	39	6.	9.769	65.	0.	149.235	12.216	0.	0.	16.	16.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-01/09/64	36	9.7	9.939	12.3	7.7	1.886	1.373	8.	8.725	11.175	11.79
00300	OXYGEN, DISSOLVED MG/L	09/09/62-01/09/64	39	6.7	6.738	8.5	4.7	1.043	1.021	5.1	6.1	7.6	8.3
00480	SALINITY - PARTS PER THOUSAND	09/09/62-01/09/64	39	30.7	30.669	32.1	28.4	0.771	0.878	29.4	30.1	31.2	32.
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-01/09/64	39	41.	111.795	733.	2.	33618.378	183.353	6.	21.	63.	389.

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

EPA Water Quality Criteria Analysis for Station: OLYM0063

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	39	0	0.00	3	0	0.00	9	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

Station Inventory for Station: OLYM0064

NPS Station ID: OLYM0064
LAT/LON: 48.126115/-123.406116
Agency: 10EPACOP
Date Created: 04/21/79
Location: TY OUTFALL
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310034
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 NAUT MI W CI
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.380
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
IN LINE AND WEST OF CITY SEWER OUT 0.3 NAUTICAL MILE

Parameter Inventory for Station: OLYM0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/14/72-06/14/72	6	65.	65.333	131.	0.	3432.267	58.586	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/14/72-06/14/72	3	3.2	3.133	3.2	3.	0.013	0.115	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/14/72-06/14/72	3	8.	1537.333	4600.	4.	7034949.333	2652.348	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/14/72-06/14/72	6	487.	487.	490.	484.	7.2	2.683	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/14/72-06/14/72	6	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	06/14/72-06/14/72	6	372.	372.	372.	372.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/14/72-06/14/72	6	248.	180.	298.	3.	19075.2	138.113	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/14/72-06/14/72	6	1.5	4.667	13.	1.	29.067	5.391	**	**	**	**

** - 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

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

Station Inventory for Station: OLYM0065

NPS Station ID: OLYM0065
LAT/LON: 48.122503/-123.406116
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 6
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543029 /P06
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.380
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	9	7.	7.667	16.	0.	48.25	6.946	0.	0.	16.	16.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	6	8.45	8.567	9.	8.2	0.123	0.35	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	6	0.55	0.683	1.2	0.3	0.15	0.387	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	6	46750.	46583.333	47000.	46000.	241666.667	491.596	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	9	5.9	6.4	7.7	5.6	0.748	0.865	5.6	5.75	7.45	7.7
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	9	7.6	7.556	7.7	7.2	0.025	0.159	7.2	7.5	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	9	7.6	7.526	7.7	7.2	0.026	0.162	7.2	7.5	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	9	0.025	0.03	0.063	0.02	0.	0.013	0.02	0.02	0.032	0.063
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	3	31.8	31.533	31.8	31.	0.213	0.462	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	9	32.	110.111	610.	12.	36341.111	190.633	12.	21.	96.	610.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	130.	370.667	970.	12.	272881.333	522.38	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	2.114	2.06	2.987	1.079	0.912	0.955	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			114.806								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	6	30.7	30.6	30.9	30.2	0.12	0.346	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00				3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	3	0	0.00				6	0	0.00			
00400	PH	Marine Chronic	8.5	9	0	0.00	3	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00				6	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0066

NPS Station ID: OLYM0066
LAT/LON: 48.133059/-123.406393
Agency: 10EPACOP
Date Created: 04/21/79
Location: K-ITT DOCK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310012
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 WEEN EDIZ HOO
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.380
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
BETWEEN EDIZ HOOK AND ITT RAYONIER DOCK, 0.4 N. M. S

Parameter Inventory for Station: OLYM0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	44	98.	98.	196.	0.	5470.837	73.965	0.	16.25	179.75	196.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	24	10.	9.933	11.5	8.1	0.69	0.831	8.5	9.525	10.475	11.1
00400	PH (STANDARD UNITS)	08/25/75-08/25/75	3	7.99	7.987	7.99	7.98	0.	0.006	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/25/75	3	7.99	7.987	7.99	7.98	0.	0.006	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/25/75	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	24	3.15	7.733	31.9	2.9	112.108	10.588	2.95	3.025	3.2	30.75
00745	SULFIDE, TOTAL (MG/L AS S)	08/25/75-08/25/75	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	24	3.	47.042	1040.	0.	44749.085	211.54	0.	1.25	5.	15.5
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	44	450.	449.364	533.	376.	2432.516	49.321	376.	416.5	459.	533.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	44	1720.	1733.818	1830.	1638.	3522.385	59.35	1638.	1715.	1800.	1815.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	40	245.	247.6	269.	237.	142.605	11.942	237.	237.	250.	269.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	4	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	44	207.	199.068	283.	0.	5278.902	72.656	75.5	187.25	249.25	275.5
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	44	4.5	17.295	150.	0.	1551.562	39.39	0.	2.	9.75	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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Marine Chronic	8.5	3	0	0.00										3	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00										3	0	0.00

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

Station Inventory for Station: OLYM0067

NPS Station ID: OLYM0067
LAT/LON: 48.130282/-123.406949
Agency: UNIVWASH
Date Created: / /
Location: N-10
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA20
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 88
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.380
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	4	24.	28.25	65.	0.	770.917	27.765	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	4	11.	10.825	11.5	9.8	0.522	0.723	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	4	7.1	6.6	7.5	4.7	1.647	1.283	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	4	31.	31.15	31.9	30.7	0.27	0.52	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	4	11.5	12.	19.	6.	32.667	5.715	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0067

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	4	0	0.00										4	0	0.00

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

Station Inventory for Station: OLYM0068

NPS Station ID: OLYM0068
LAT/LON: 48.121115/-123.407503
Agency: 10EPACOP
Date Created: 04/21/79
Location: RAYONIER
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 032012
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 T WEST OF ITT
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.380
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
WEST OF ITT RAYONIER SULFITE PULP MILL DOCK; CA BASE

Parameter Inventory for Station: OLYM0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	65	0.	26.046	131.	0.	1560.795	39.507	0.	0.	65.	98.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	5	10.3	10.26	11.4	8.7	1.103	1.05	**	**	**	**
00400	PH (STANDARD UNITS)	08/25/75-08/25/75	3	8.	7.997	8.	7.99	0.	0.006	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/25/75	3	8.	7.997	8.	7.99	0.	0.006	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/25/75	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	48	29.5	21.723	32.	2.9	163.894	12.802	2.99	3.1	31.	31.8
00745	SULFIDE, TOTAL (MG/L AS S)	08/25/75-08/25/75	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	51	46.	324.647	4000.	0.	452171.113	672.437	3.2	14.	265.	1055.
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	15	3.15	3.67	7.27	1.56	4.047	2.012	1.56	2.58	3.79	7.27
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	65	355.	324.585	567.	93.	18224.028	134.996	116.6	203.	448.5	473.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	65	1638.	1544.615	2000.	1045.	68891.022	262.471	1173.8	1300.	1746.5	1812.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	28	245.	252.714	290.	237.	351.026	18.736	237.	237.	269.	290.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	3	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	65	1.	68.692	230.	0.	7085.935	84.178	0.	0.	161.	206.8
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	65	37.	50.569	163.	0.	2427.874	49.273	3.	8.	82.5	130.2
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/25/75	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Marine Chronic	8.5	3	0	0.00										3	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00										3	0	0.00

& - 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 #3: 4/01 to 7/31 - Station OLYM0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	47	0.	17.277	98.	0.	993.465	31.519	0.	0.	32.	68.2
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	36	29.9	25.564	32.	2.9	106.557	10.323	3.1	26.95	31.	31.86
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	39	124.	313.974	1515.	4.	213605.026	462.174	9.	17.	570.	1055.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	47	355.	323.34	567.	93.	19988.273	141.38	131.	198.	449.	465.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	47	1530.	1520.468	2000.	1045.	71899.037	268.14	1223.	1245.	1748.	1800.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	47	0.	54.681	230.	0.	6019.787	77.587	0.	0.	73.	195.8
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	47	49.	54.298	163.	0.	2365.388	48.635	0.8	6.	88.	127.8

** - 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 #4: 8/01 to 9/30 - Station OLYM0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	18	65.	48.944	131.	0.	2419.938	49.193	0.	0.	98.	131.
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	12	3.1	10.2	31.7	2.9	168.098	12.965	2.9	3.	24.575	31.7
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	12	9.	359.333	4000.	0.	1315698.606	1147.039	0.6	2.25	59.	2832.1
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	18	346.	327.833	487.	95.	14506.735	120.444	95.	325.	368.	486.1
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	18	1679.	1607.667	1830.	1100.	58982.706	242.864	1100.	1638.	1720.	1830.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	18	121.5	105.278	212.	0.	8427.624	91.802	0.	0.	200.75	209.3
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	18	13.5	40.833	163.	6.	2600.971	51.	6.	8.75	57.25	145.9

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

Station Inventory for Station: OLYM0069

NPS Station ID: OLYM0069 | LAT/LON: 48.123059/-123.407782 | Agency: 21540000 | Date Created: / /
Location: PT ANGELES HBR AT RAYONIER MILL | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): PAH006
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PUGET SOUND (ELWHA DUNGENESS-18) | ECO Region:
RF1 Index: 17110020026 | RF1 Mile Point: 9.380 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
LOCATED IN PORT ANGELES HARBOR AT A BLACK CAN BUOY NUMBER 1 DIRECTLY IN FRONT OF RAYONIER MILL
SOUTHWEST REGION | 7.5 QUAD- PORT ANGELES
15 QUAD- PORT ANGELES

Parameter Inventory for Station: OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	83	1.	12.639	33.	0.	171.307	13.088	0.	1.	20.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	83	9.7	9.573	15.8	5.7	2.375	1.541	7.74	8.6	10.6	11.16
00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	23	764.	761.609	777.	682.	331.704	18.213	755.2	760.	769.	773.2
00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	25	6.	7.36	25.	0.	26.157	5.114	2.	3.5	10.	13.2
00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	25	4.7	4.904	9.6	0.3	4.52	2.126	2.02	3.25	6.75	7.32
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	80	3.	4.063	30.	1.	17.806	4.22	1.	2.	4.	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-09/10/75	48	29000.	23635.625	53000.	28.	277429058.835	16656.202	36.8	38.25	32000.	45300.
00109	SURFACE AREA, PERCENT OF TOTAL	12/05/73-12/05/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	79	7.2	7.075	12.4	2.8	3.503	1.872	4.8	5.6	8.2	9.3
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	82	7.7	7.632	8.6	5.7	0.138	0.371	7.3	7.5	7.8	7.97
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	82	7.7	7.275	8.6	5.7	0.266	0.516	7.3	7.5	7.8	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	82	0.02	0.053	1.995	0.003	0.048	0.219	0.011	0.016	0.032	0.05
00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	49	29.6	29.478	35.1	23.1	5.665	2.38	26.1	28.25	30.5	31.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-09/10/75	32	0.03	0.048	0.35	0.	0.006	0.079	0.	0.	0.05	0.111
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/10/75	32	0.	0.003	0.01	0.	0.	0.005	0.	0.	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/10/75	32	0.33	0.312	0.67	0.	0.018	0.132	0.13	0.218	0.41	0.454
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-09/10/75	30	0.05	0.057	0.15	0.01	0.001	0.032	0.02	0.04	0.07	0.098
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/10/75	32	0.02	0.023	0.07	0.	0.	0.021	0.	0.	0.04	0.05
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	79	29.	147.861	2930.	5.	176480.66	420.096	7.	17.	70.	360.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	25	48.	140.32	840.	3.	49666.727	222.86	4.	8.	200.	486.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/27/67-09/16/70	25	1.681	1.601	2.924	0.477	0.583	0.764	0.602	0.903	2.301	2.634
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			39.93								
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/15/73-09/10/75	34	6.	39.044	500.	0.5	10758.127	103.721	1.	1.	20.75	105.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	08/15/73-09/10/75	34	0.772	0.816	2.699	-0.301	0.594	0.771	0.	0.	1.316	1.952
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			6.553								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-09/10/75	34 ##	1.	4.441	30.	0.5	42.996	6.557	0.5	1.	10.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-09/10/75	34 ##	0.	0.279	1.477	-0.301	0.296	0.544	-0.301	0.	1.	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.9								
70305	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/10/75	32	31.35	30.9	33.	24.	4.258	2.064	28.89	30.725	32.075	32.57

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

EPA Water Quality Criteria Analysis for Station: OLYM0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	80	0	0.00	8	0	0.00	19	0	0.00	34	0	0.00	19	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	79	4	0.05	8	0	0.00	20	0	0.00	32	2	0.06	19	2	0.11
00400	PH	Marine Chronic	8.5	82	2	0.02	8	0	0.00	19	0	0.00	34	2	0.06	21	0	0.00
		Other-Lo Lim.	6.5	82	1	0.01	8	0	0.00	19	0	0.00	34	0	0.00	21	1	0.05
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	25	0	0.00	1	0	0.00	9	0	0.00	10	0	0.00	5	0	0.00
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	34	0	0.00	6	0	0.00	2	0	0.00	14	0	0.00	12	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	34	0	0.00	6	0	0.00	2	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

Annual Analysis for 1967 - Station OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	4	10.5	10.5	20.	1.	120.333	10.97	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	4	9.	9.225	11.2	7.7	3.236	1.799	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	4	6.05	5.6	6.7	3.6	2.073	1.44	**	**	**	**
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	3	7.3	7.267	7.5	7.	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	3	7.3	7.218	7.5	7.	0.067	0.259	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	3	0.05	0.061	0.1	0.032	0.001	0.035	**	**	**	**

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

Annual Analysis for 1968 - Station OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	8	10.5	10.5	20.	1.	103.143	10.156	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	8	9.8	9.737	12.1	8.1	1.643	1.282	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	8	4.	5.375	16.	3.	18.839	4.34	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	8	7.2	7.25	8.5	6.2	0.7	0.837	**	**	**	**
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	8	7.6	7.575	7.7	7.1	0.039	0.198	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	8	7.6	7.523	7.7	7.1	0.042	0.206	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	8	0.025	0.03	0.079	0.02	0.	0.02	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	8	27.5	29.375	49.	12.	166.839	12.917	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	20	10.5	10.5	20.	1.	95.	9.747	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	20	10.3	9.4	12.1	5.7	4.513	2.124	6.02	7.5	11.1	11.77
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	20	2.5	3.55	20.	1.	16.366	4.045	1.1	2.	3.75	5.8
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	20	7.45	7.665	12.4	5.2	3.998	2.	5.41	6.025	7.775	11.69
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	20	7.8	7.575	8.1	5.7	0.296	0.544	6.74	7.5	7.8	7.99
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	20	7.8	6.888	8.1	5.7	0.793	0.891	6.74	7.5	7.8	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	20	0.016	0.13	1.995	0.008	0.195	0.441	0.01	0.016	0.032	0.188
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	20	31.5	214.5	2930.	7.	426056.684	652.73	13.2	17.	75.	568.1

** - 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 1970 - Station OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	17	1.	9.941	20.	1.	95.559	9.775	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	17	9.7	10.053	15.8	8.1	2.869	1.694	8.5	9.15	10.55	12.04
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	17	4.	6.294	30.	2.	45.596	6.752	2.	2.	8.	14.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	15	7.2	6.52	10.5	2.8	4.985	2.233	3.1	4.6	7.9	9.9
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	17	7.6	7.612	8.	6.8	0.08	0.283	7.28	7.45	7.85	7.92
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	17	7.6	7.498	8.	6.8	0.094	0.306	7.28	7.45	7.85	7.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	17	0.025	0.032	0.158	0.01	0.001	0.034	0.012	0.014	0.036	0.064
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	17	138.	340.941	1700.	22.	265031.059	514.812	24.4	36.5	400.	1540.

** - Less than 9 observations ## - Computed with 50% or 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 OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	8	8.	14.375	33.	0.	267.125	16.344	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	8	9.8	9.7	11.	8.5	0.626	0.791	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	8	2.	2.375	4.	1.	1.411	1.188	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	6	6.65	6.65	9.2	4.4	3.599	1.897	**	**	**	**
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	8	7.7	7.725	8.	7.5	0.031	0.175	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	8	7.7	7.695	8.	7.5	0.032	0.178	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	8	0.02	0.02	0.032	0.01	0.	0.008	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	8	16.	27.75	63.	5.	556.5	23.59	**	**	**	**

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

Annual Analysis for 1974 - Station OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	14	16.5	16.5	33.	0.	293.192	17.123	0.	0.	33.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	14	9.35	9.5	11.	7.9	1.271	1.127	7.9	8.675	10.7	11.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	14	2.5	2.643	7.	1.	3.324	1.823	1.	1.	4.	5.5
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	14	5.8	6.186	8.5	4.8	1.191	1.091	4.95	5.475	7.125	8.2
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	14	7.65	7.586	7.9	7.	0.054	0.232	7.15	7.5	7.725	7.85
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	14	7.647	7.517	7.9	7.	0.059	0.242	7.15	7.5	7.725	7.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	14	0.023	0.03	0.1	0.013	0.	0.022	0.014	0.019	0.032	0.075
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	14	30.	70.429	450.	5.	13065.648	114.305	5.	17.75	72.	287.5

** - 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 1975 - Station OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	12	16.5	16.5	33.	0.	297.	17.234	0.	0.	33.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	12	8.9	9.192	10.7	7.3	1.255	1.12	7.51	8.275	10.375	10.64
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	12	3.	3.5	6.	2.	1.727	1.314	2.	2.25	4.75	5.7
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	12	8.8	8.408	11.	5.3	2.626	1.621	5.63	6.875	9.3	10.58
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	12	7.75	7.875	8.6	7.4	0.147	0.384	7.43	7.55	8.1	8.57
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	12	7.747	7.751	8.6	7.4	0.164	0.405	7.43	7.55	8.1	8.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	12	0.018	0.018	0.04	0.003	0.	0.012	0.003	0.008	0.029	0.037
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	12	9.	12.667	45.	5.	130.061	11.404	5.	5.	17.	37.5

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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	8	10.5	15.	33.	0.	266.857	16.336	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	8	9.8	9.637	10.6	8.5	0.543	0.737	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	8	2.5	2.875	6.	1.	2.411	1.553	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-09/10/75	6	31500.	34500.	48000.	27000.	68300000.	8264.381	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	8	5.5	5.475	7.	4.4	0.568	0.754	**	**	**	**
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	8	7.5	7.45	7.6	7.1	0.023	0.151	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	8	7.5	7.422	7.6	7.1	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	8	0.032	0.038	0.079	0.025	0.	0.017	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	8	55.5	125.125	620.	14.	41360.696	203.373	**	**	**	**

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	20	10.5	11.1	33.	0.	117.568	10.843	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	20	8.4	8.38	10.8	5.7	2.441	1.562	6.02	7.475	9.275	10.79
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	19	3.	3.842	10.	1.	5.585	2.363	2.	2.	6.	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-09/10/75	8	37.5	6777.5	27000.	35.	155790289.429	12481.598	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	20	7.5	7.36	9.2	5.5	0.618	0.786	5.97	7.125	7.675	8.18
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	19	7.8	7.726	8.1	7.4	0.049	0.221	7.4	7.5	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	19	7.8	7.673	8.1	7.4	0.052	0.227	7.4	7.5	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	19	0.016	0.021	0.04	0.008	0.	0.011	0.01	0.013	0.032	0.04
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	18	27.	96.944	775.	7.	33259.467	182.372	13.3	17.	81.75	308.8

** - 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: 4/01 to 7/31 - Station OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	34	10.5	12.971	33.	0.	179.181	13.386	0.	1.	20.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	34	9.7	9.718	15.8	7.3	2.557	1.599	7.95	8.45	10.5	11.35
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	34	3.	4.706	30.	1.	28.578	5.346	1.5	2.	5.	9.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-09/10/75	20	30000.	22410.8	45000.	28.	237638354.589	15415.523	34.4	39.	32000.	34800.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	32	8.25	8.163	12.4	2.8	4.391	2.096	5.92	6.95	9.3	10.91
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	34	7.7	7.724	8.6	6.8	0.103	0.321	7.35	7.6	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	34	7.7	7.598	8.6	6.8	0.119	0.345	7.35	7.6	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	34	0.02	0.025	0.158	0.003	0.001	0.027	0.008	0.016	0.025	0.045
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	34	27.5	147.265	1700.	5.	145043.352	380.846	8.	17.	65.75	400.

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/10/75	21	1.	12.667	33.	0.	196.833	14.03	0.	0.	26.5	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/10/75	21	10.6	10.452	12.1	8.8	0.737	0.858	9.02	10.	11.	11.68
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/10/75	19	3.	3.632	20.	1.	17.579	4.193	1.	1.	4.	6.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-09/10/75	14	29500.	30362.429	53000.	37.	265132598.11	16282.893	37.	25750.	40000.	53000.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/10/75	19	5.5	5.616	8.4	3.6	1.166	1.08	4.	5.1	6.1	7.2
00400	PH (STANDARD UNITS)	09/27/67-09/10/75	21	7.7	7.467	8.	5.7	0.27	0.52	6.76	7.4	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/10/75	21	7.7	6.877	8.	5.7	0.636	0.797	6.76	7.4	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/10/75	21	0.02	0.133	1.995	0.01	0.184	0.429	0.013	0.02	0.041	0.18

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/10/75	19	25.	206.737	2930.	5.	444858.427	666.977	5.	5.	75.	450.

** - Less than 9 observations ## - Computed 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: OLYM0070

NPS Station ID: OLYM0070 | LAT/LON: 48.137782/-123.408059 | Agency: UNIVWASH | Date Created: / /
Location: H-10 | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDFA04
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 164 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110020026 | RF1 Mile Point: 9.380 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	5	32.	42.2	98.	0.	1551.2	39.385	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	5	10.7	10.2	11.1	9.2	0.855	0.925	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	5	6.8	6.1	7.3	4.7	1.555	1.247	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	5	31.1	31.5	32.4	30.9	0.435	0.66	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	5	7.	5.8	8.	2.	5.7	2.387	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00										5	0	0.00

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

Station Inventory for Station: OLYM0071

NPS Station ID: OLYM0071
LAT/LON: 48.140004/-123.408338
Agency: UNIVWASH
Date Created: / /
Location: G-12
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA69
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 32
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.380
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/63-10/29/63	6	24.	36.167	98.	0.	1459.367	38.202	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/29/63-10/29/63	6	11.45	11.433	12.1	10.6	0.339	0.582	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/29/63-10/29/63	6	6.65	6.617	6.9	6.2	0.062	0.248	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	10/29/63-10/29/63	6	31.05	31.033	31.3	30.8	0.043	0.207	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/29/63-10/29/63	6	10.	15.	36.	2.	230.4	15.179	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									

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

Station Inventory for Station: OLYM0072

NPS Station ID: OLYM0072 | LAT/LON: 48.133337/-123.410004 | Agency: UNIVWASH | Date Created: / /
Location: L-11 | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDFA05
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 157 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110020026 | RF1 Mile Point: 9.040 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/30/63-08/30/63	6	24.	28.	65.	0.	647.6	25.448	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/63-08/30/63	6	11.4	11.033	11.5	10.1	0.423	0.65	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/30/63-08/30/63	6	7.25	6.817	7.7	5.2	1.142	1.068	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/30/63-08/30/63	6	30.95	31.183	31.9	30.8	0.246	0.496	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	08/30/63-08/30/63	6	3.	3.667	10.	1.	10.267	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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0072

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	6	0	0.00										6	0	0.00

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

Station Inventory for Station: OLYM0073

NPS Station ID: OLYM0073
LAT/LON: 48.133337/-123.412503
Agency: 11BIOACC
Date Created: 02/17/90
Location: PORT ANGELES HARBOR @ PORT ANGELES
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/FISH/ESTURY/TISSUE
STORET Station ID(s): 3295
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/21/87-10/21/87	1	1671.	1671.	1671.	1671.	0.	0.	**	**	**	**
30344	PENTACHLORODIBENZO-P-DIOXIN,12378,FISH,WET WT,PG/G	10/21/87-10/21/87	1 ##	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
30345	HEXACHLORODIBENZO-P-DIOXIN,123478,FISH,WET WT,PG/G	10/21/87-10/21/87	1 ##	1.235	1.235	1.235	1.235	0.	0.	**	**	**	**
30346	HEXACHLORODIBENZO-P-DIOXIN,123678,FISH,WET WT,PG/G	10/21/87-10/21/87	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
30347	HEXACHLORODIBENZO-P-DIOXIN,123789,FISH,WET WT,PG/G	10/21/87-10/21/87	1 ##	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
30348	HEPTACHLORODIBENZO-P-DIOXIN,1234678,TIS,WETWT,PG/G	10/21/87-10/21/87	1	1.81	1.81	1.81	1.81	0.	0.	**	**	**	**
30349	TETRACHLORODIBENZOFURAN, 2378- , FISH,WET WT.,PG/G	10/21/87-10/21/87	1	1.44	1.44	1.44	1.44	0.	0.	**	**	**	**
30350	PENTACHLORODIBENZOFURAN,12378- , FISH,WET WT.,PG/G	10/21/87-10/21/87	1 ##	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
30351	PENTACHLORODIBENZOFURAN,23478- , FISH,WET WT.,PG/G	10/21/87-10/21/87	1 ##	0.425	0.425	0.425	0.425	0.	0.	**	**	**	**
30352	HEXACHLORODIBENZOFURAN,123478- , FISH,WET WT.,PG/G	10/21/87-10/21/87	1 ##	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
30353	HEXACHLORODIBENZOFURAN,123678- , FISH,WET WT.,PG/G	10/21/87-10/21/87	1 ##	1.425	1.425	1.425	1.425	0.	0.	**	**	**	**
30354	HEXACHLORODIBENZOFURAN,123789- , FISH,WET WT.,PG/G	10/21/87-10/21/87	1 ##	1.39	1.39	1.39	1.39	0.	0.	**	**	**	**
30355	HEXACHLORODIBENZOFURAN,234678- , FISH,WET WT.,PG/G	10/21/87-10/21/87	1 ##	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
30356	HEPTACHLORODIBENZOFURAN,1234678- ,FISH,WET WT,PG/G	10/21/87-10/21/87	1 ##	0.725	0.725	0.725	0.725	0.	0.	**	**	**	**
30357	HEPTACHLORODIBENZOFURAN,1234789- ,FISH,WET WT,PG/G	10/21/87-10/21/87	1 ##	1.31	1.31	1.31	1.31	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34754	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN TISWETWTPG/G	10/21/87-10/21/87	1 ##	0.555	0.555	0.555	0.555	0.	0.	**	**	**	**
38824	ISOPROPALIN TISWETWGTMG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39319	MONOCHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/21/87-10/21/87	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
39335	DICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39339	TRICHLOROBIPHENYL,TOTAL, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39345	TETRACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39347	PENTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
39354	HEPTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39355	OCTACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39408	NONACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39409	DECACHLOROBIPHENYL,TOT, TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
46333	PENTACHLORONITROBENZENE (PCNB) IN TISSUE WET MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
70977	INSTRUMENT RATIO, LAB/FIELD CONCENTRATIONS, NUMBER	10/21/87-10/21/87	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/21/87-10/21/87	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
76530	BIPHENYL TISSUE ,WET WGT,MG/KG	10/21/87-10/21/87	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
78907	HEXACHLOROBIPHENYLS IN FISH TISSUE WET WGT. MG/KG	10/21/87-10/21/87	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	10/21/87-10/21/87	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
79026	1,2,3,4,-TETRACHLOROBENZENE IN FISH WET WGT MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	10/21/87-10/21/87	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81652	TREFLAN IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85675	TRICHLOROBENZENE,1,3,5- TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85676	TRICHLOROBENZENE,1,2,3- TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85677	TETRACHLOROBENZENE,1,2,4,5- TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85678	TETRACHLOROBENZENE,1,2,3,5- TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85679	PENTACHLOROBENZENE TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85680	DIPHENYL DISULFIDE TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85681	OCTACHLOROSTYRENE TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85682	NITROFEN TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85683	PERTHANE TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
85684	DICOFOL (KELTHANE) TISSUE,WET,WT,MG/KG	10/21/87-10/21/87	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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

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

Station Inventory for Station: OLYM0074

NPS Station ID: OLYM0074
LAT/LON: 48.121393/-123.413060
Agency: UNIVWASH
Date Created: / /
Location: T-12
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA50
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 22
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	11	6.	7.455	16.	0.	52.073	7.216	0.	0.	16.	16.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	11	8.4	8.564	11.1	7.2	1.221	1.105	7.26	7.9	9.3	10.82
00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	11	6.4	6.227	8.3	3.3	1.4	1.183	3.76	6.	6.7	8.
00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	11	30.3	30.064	31.8	27.4	1.269	1.126	27.72	29.8	30.7	31.62
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	11	69.	161.636	825.	23.	55322.455	235.207	26.4	51.	134.	725.8

** - 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: OLYM0074

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	11	1	0.09				8	0	0.00	3	1	0.33			

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

Station Inventory for Station: OLYM0075

NPS Station ID: OLYM0075
LAT/LON: 48.126670/-123.413337
Agency: UNIVWASH
Date Created: / /
Location: Q-12
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA55
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 59
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-12/10/63	34	16.	16.853	49.	0.	243.584	15.607	0.	4.5	32.	40.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-12/10/63	32	9.25	9.363	12.1	6.9	1.871	1.368	7.8	8.5	10.	11.57
00300	OXYGEN, DISSOLVED MG/L	02/03/63-12/10/63	31	6.7	7.061	8.8	4.6	1.1	1.049	5.94	6.4	8.2	8.68
00480	SALINITY - PARTS PER THOUSAND	02/03/63-12/10/63	31	30.9	30.803	32.7	29.3	0.73	0.855	29.6	29.9	31.4	31.88
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-12/10/63	33	20.	90.394	789.	2.	32646.559	180.684	4.	11.	52.5	265.8

** - 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: OLYM0075

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	31	0	0.00	4	0	0.00	11	0	0.00	13	0	0.00	3	0	0.00

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

Station Inventory for Station: OLYM0076

NPS Station ID: OLYM0076
LAT/LON: 48.081670/-123.413337
Agency: UNIVWASH
Date Created: / /
Location: H-12
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA07
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 196
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020027
RF1 Mile Point: 3.410
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	68	32.	51.529	163.	0.	2497.865	49.979	0.	6.	98.	131.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	67	8.8	8.907	11.6	7.1	1.03	1.015	7.56	8.2	9.5	9.78
00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	68	7.1	7.024	9.3	4.	2.21	1.487	5.08	5.7	8.35	9.1
00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	68	31.1	31.197	33.8	29.7	1.146	1.071	29.79	30.175	32.1	32.71
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	68	6.	7.456	42.	0.	59.147	7.691	1.	2.	9.	20.2

** - 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: OLYM0076

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	68	1	0.01				27	0	0.00	27	0	0.00	14	1	0.07

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

Station Inventory for Station: OLYM0077

NPS Station ID: OLYM0077
LAT/LON: 48.133337/-123.413616
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 9
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543032 /P09
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	18	24.5	36.667	98.	0.	1286.	35.861	0.	7.	66.	98.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	12	8.35	8.433	9.2	8.	0.142	0.377	8.	8.125	8.65	9.14
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	12	0.6	0.658	1.1	0.3	0.077	0.278	0.3	0.425	0.9	1.07
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	12	46800.	46716.667	48000.	45600.	441515.152	664.466	45690.	46200.	47000.	47850.
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	18	6.15	6.583	9.1	4.8	1.951	1.397	4.98	5.475	7.8	8.83
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	18	7.6	7.622	7.8	7.5	0.008	0.088	7.5	7.6	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	18	7.6	7.614	7.8	7.5	0.008	0.088	7.5	7.6	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	18	0.025	0.024	0.032	0.016	0.	0.005	0.016	0.02	0.025	0.032
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	6	32.1	32.133	32.6	31.8	0.087	0.294	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	18	10.5	11.	22.	3.	40.353	6.352	3.9	5.	18.	21.1
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	5.	35.667	100.	2.	3106.333	55.734	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	0.699	1.	2.	0.301	0.79	0.889	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	12	30.7	30.667	31.6	29.9	0.224	0.474	29.96	30.275	30.9	31.48

** - 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: OLYM0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	6	0	0.00				6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	6	0	0.00				12	0	0.00			
00400	PH	Marine Chronic	8.5	18	0	0.00	6	0	0.00				12	0	0.00			
		Other-Lo Lim.	6.5	18	0	0.00	6	0	0.00				12	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0078

NPS Station ID: OLYM0078
LAT/LON: 48.137503/-123.413616
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 10
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543033 /P10
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 8.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	21	33.	54.857	164.	0.	3177.729	56.371	0.	7.	98.	164.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	14	8.4	8.393	9.5	7.5	0.262	0.512	7.7	8.075	8.575	9.35
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	14	0.45	0.593	1.2	0.3	0.091	0.302	0.3	0.375	0.825	1.15
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	14	46800.	47078.571	49500.	46100.	794120.879	891.135	46200.	46500.	47500.	48850.
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	20	6.2	6.605	9.3	4.4	2.351	1.533	4.91	5.475	7.925	9.19
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	21	7.6	7.629	7.8	7.3	0.013	0.115	7.52	7.6	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	21	7.6	7.613	7.8	7.3	0.013	0.116	7.52	7.6	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	21	0.025	0.024	0.05	0.016	0.	0.007	0.016	0.02	0.025	0.03
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	7	32.2	32.371	33.3	32.1	0.189	0.435	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	21	9.	9.381	19.	3.	18.748	4.33	4.2	6.	12.5	16.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3 ##	5.	78.667	230.	1.	17180.333	131.074	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3 ##	0.699	1.02	2.362	0.	1.472	1.213	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.477								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	14	30.7	30.9	32.6	30.2	0.392	0.626	30.3	30.5	31.2	32.15

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

EPA Water Quality Criteria Analysis for Station: OLYM0078

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	14	0	0.00	7	0	0.00				7	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	0	0.00	7	0	0.00				13	0	0.00			
00400	PH	Marine Chronic	8.5	21	0	0.00	7	0	0.00				14	0	0.00			
		Other-Lo Lim.	6.5	21	0	0.00	7	0	0.00				14	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0079

NPS Station ID: OLYM0079
Location: PORT ANGELES STA 8
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin: PACIFIC NORTHWEST
Minor Basin: PUGET SOUND BASIN
RF1 Index: 17110020026
RF3 Index:
Description:

LAT/LON: 48.126670/-123.413616
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 9.040
RF3 Mile Point: 0.00

Agency: 1119C050
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 543031 /P08
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

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

Parameter Inventory for Station: OLYM0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	12	11.5	14.	33.	0.	166.364	12.898	0.	1.75	28.75	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	8	8.4	8.588	9.7	8.2	0.247	0.497	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	8	0.55	0.638	1.	0.3	0.086	0.292	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	8	46900.	46650.	47000.	45900.	217142.857	465.986	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	12	5.9	6.433	8.4	5.4	1.128	1.062	5.43	5.725	7.425	8.31
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.6	7.517	7.7	7.	0.034	0.185	7.12	7.425	7.6	7.67
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.6	7.47	7.7	7.	0.037	0.191	7.12	7.425	7.6	7.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	12	0.025	0.034	0.1	0.02	0.	0.022	0.022	0.025	0.038	0.082
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	4	32.	32.025	32.2	31.9	0.016	0.126	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	12	26.	142.25	1300.	4.	133863.659	365.874	6.1	13.75	78.75	939.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	30.	280.667	800.	12.	202361.333	449.846	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	1.477	1.82	2.903	1.079	0.92	0.959	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			66.039								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	8	30.8	30.638	30.9	30.1	0.111	0.334	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	4	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	4	0	0.00				8	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	4	0	0.00				8	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00				8	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0080

NPS Station ID: OLYM0080
LAT/LON: 48.120004/-123.413616
Agency: UNIVWASH
Date Created: / /
Location: U-12
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA51
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 19
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-08/30/63	7	6.	10.857	32.	0.	130.476	11.423	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-08/30/63	7	9.6	10.671	12.4	9.5	1.979	1.407	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/18/63-08/30/63	7	8.4	7.943	8.7	7.1	0.583	0.763	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	04/18/63-08/30/63	7	29.7	30.129	30.8	29.6	0.359	0.599	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-08/30/63	7	20.	22.	36.	15.	63.	7.937	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0080

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	7	0	0.00							4	0	0.00	3	0	0.00

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

Station Inventory for Station: OLYM0081

NPS Station ID: OLYM0081
LAT/LON: 48.126670/-123.413616
Agency: UNIVWASH
Date Created: / /
Location: P-12
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA33
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 82
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-01/09/64	13	16.	16.231	49.	0.	243.692	15.611	0.	3.	32.	42.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-01/09/64	13	9.5	9.208	10.6	7.7	0.829	0.911	7.78	8.2	9.7	10.44
00300	OXYGEN, DISSOLVED MG/L	04/18/63-01/09/64	13	6.9	6.777	8.5	5.	2.035	1.427	5.	5.35	8.5	8.5
00480	SALINITY - PARTS PER THOUSAND	04/18/63-01/09/64	13	30.5	30.8	32.2	29.6	1.117	1.057	29.64	29.7	31.95	32.16
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-01/09/64	13	29.	30.231	61.	7.	259.359	16.105	7.4	20.	37.	59.8

** - 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: OLYM0081

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	13	0	0.00				4	0	0.00	4	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0082

NPS Station ID: OLYM0082
LAT/LON: 48.120837/-123.413616
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 7
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543030 /P07
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	9	7.	7.667	16.	0.	48.25	6.946	0.	0.	16.	16.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	6	8.55	8.817	10.	8.4	0.394	0.627	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	6	0.55	0.6	1.	0.3	0.112	0.335	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	6	46650.	46516.667	47000.	45900.	189666.667	435.507	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	9	6.2	6.056	6.9	5.3	0.265	0.515	5.3	5.6	6.4	6.9
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	9	7.5	7.489	7.7	7.1	0.036	0.19	7.1	7.4	7.65	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	9	7.5	7.448	7.7	7.1	0.038	0.195	7.1	7.4	7.65	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	9	0.032	0.036	0.079	0.02	0.	0.018	0.02	0.023	0.04	0.079
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	3	31.9	31.933	32.1	31.8	0.023	0.153	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	9	88.	116.333	370.	6.	17817.5	133.482	6.	14.	209.	370.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	80.	82.667	160.	8.	5781.333	76.035	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	1.903	1.67	2.204	0.903	0.464	0.681	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			46.784								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	6	30.6	30.517	30.9	30.1	0.098	0.313	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0082

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	3	0	0.00				3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	3	0	0.00				6	0	0.00			
00400	PH	Marine Chronic	8.5	9	0	0.00	3	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00				6	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0083

NPS Station ID: OLYM0083
LAT/LON: 48.133615/-123.413892
Agency: UNIVWASH
Date Created: / /
Location: K-12
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA06
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 131
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-01/09/64	22	16.	30.545	98.	0.	992.641	31.506	0.	6.	65.	88.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-01/09/64	22	8.8	8.882	9.6	7.8	0.29	0.539	8.16	8.4	9.4	9.57
00300	OXYGEN, DISSOLVED MG/L	04/18/63-01/09/64	22	7.45	7.677	8.9	6.2	0.665	0.815	6.66	7.075	8.525	8.77
00480	SALINITY - PARTS PER THOUSAND	04/18/63-01/09/64	22	30.4	30.418	31.6	29.7	0.45	0.671	29.7	29.775	31.025	31.48
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-01/09/64	22	17.5	22.136	72.	3.	211.361	14.538	10.3	14.5	30.25	39.1

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

EPA Water Quality Criteria Analysis for Station: OLYM0083

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	22	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: OLYM0084

NPS Station ID: OLYM0084 | LAT/LON: 48.120004/-123.415003 | Agency: UNIVWASH | Date Created: / /
Location: U-13 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA53 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 19 | Aquifer: |
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id: |
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region: |
RF1 Index: 17110020026 | RF1 Mile Point: 8.940 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/63-10/29/63	3	6.	7.333	16.	0.	65.333	8.083	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/29/63-10/29/63	3	12.2	12.167	12.2	12.1	0.003	0.058	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/29/63-10/29/63	3	6.2	6.167	6.4	5.9	0.063	0.252	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	10/29/63-10/29/63	3	30.7	30.733	30.9	30.6	0.023	0.153	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/29/63-10/29/63	3	36.	36.333	50.	23.	182.333	13.503	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0084

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	3	0	0.00	3	0	0.00									

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

Station Inventory for Station: OLYM0085

NPS Station ID: OLYM0085
LAT/LON: 48.132226/-123.415003
Agency: UNIVWASH
Date Created: / /
Location: L-12
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA21
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 104
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-10/29/63	34	24.	33.235	98.	0.	954.61	30.897	0.	6.	65.	81.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-10/29/63	34	9.25	9.115	12.2	7.1	2.101	1.45	7.2	7.875	9.75	11.55
00300	OXYGEN, DISSOLVED MG/L	02/03/63-10/29/63	34	6.7	6.697	9.3	4.3	1.721	1.312	5.	5.7	7.3	8.95
00480	SALINITY - PARTS PER THOUSAND	02/03/63-10/29/63	34	31.65	31.35	32.8	29.7	0.817	0.904	29.75	30.875	32.1	32.3
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-10/29/63	34	9.5	13.735	55.	1.	175.17	13.235	2.	4.	16.5	31.5

** - 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: OLYM0085

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	34	0	0.00	5	0	0.00	11	0	0.00	12	0	0.00	6	0	0.00

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

Station Inventory for Station: OLYM0086

NPS Station ID: OLYM0086
LAT/LON: 48.121115/-123.415003
Agency: UNIVWASH
Date Created: / /
Location: T-13
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA52
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 22
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 9.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/63-06/26/63	9	6.	7.333	16.	0.	49.	7.	0.	0.	16.	16.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/63-06/26/63	9	9.2	9.078	9.9	7.8	0.509	0.714	7.8	8.5	9.7	9.9
00300	OXYGEN, DISSOLVED MG/L	03/08/63-06/26/63	9	6.5	6.933	8.2	5.9	0.805	0.897	5.9	6.35	8.05	8.2
00480	SALINITY - PARTS PER THOUSAND	03/08/63-06/26/63	9	31.	30.8	32.1	29.4	1.1	1.049	29.4	29.65	31.85	32.1
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/08/63-06/26/63	9	38.	67.333	305.	10.	8373.75	91.508	10.	21.	66.	305.

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

EPA Water Quality Criteria Analysis for Station: OLYM0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00				3	0	0.00	6	0	0.00			

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

Station Inventory for Station: OLYM0087

NPS Station ID: OLYM0087 | LAT/LON: 48.120004/-123.416671 | Agency: UNIVWASH | Date Created: / /
Location: U-14 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA54 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 19 | Aquifer: |
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id: |
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region: |
RF1 Index: 17110020026 | RF1 Mile Point: 8.940 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/63-09/08/63	3	6.	7.333	16.	0.	65.333	8.083	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/08/63-09/08/63	3	10.3	10.367	10.9	9.9	0.253	0.503	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/08/63-09/08/63	3	5.3	4.867	5.3	4.	0.563	0.751	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/08/63-09/08/63	3	31.8	31.533	32.	30.8	0.413	0.643	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/08/63-09/08/63	3	43.	46.	77.	18.	877.	29.614	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0087

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	3	1	0.33										3	1	0.33

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

Station Inventory for Station: OLYM0088

NPS Station ID: OLYM0088
LAT/LON: 48.138338/-123.420004
Agency: UNIVWASH
Date Created: / /
Location: H-15
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA08
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 131
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 8.130
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-07/27/63	5	32.	43.4	98.	6.	1431.8	37.839	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-07/27/63	5	10.7	10.66	11.2	10.1	0.153	0.391	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/63-07/27/63	5	6.4	6.34	6.8	5.9	0.123	0.351	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/27/63-07/27/63	5	31.4	31.46	31.6	31.4	0.008	0.089	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-07/27/63	5	4.	4.4	8.	2.	5.3	2.302	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0088

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	5	0	0.00							5	0	0.00			

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

Station Inventory for Station: OLYM0089

NPS Station ID: OLYM0089
LAT/LON: 48.136670/-123.420004
Agency: UNIVWASH
Date Created: / /
Location: J-15
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA22
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 147
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 8.130
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-08/30/63	11	16.	30.545	98.	0.	1042.273	32.284	0.	6.	65.	91.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-08/30/63	11	11.1	10.945	12.	9.6	0.649	0.805	9.68	10.3	11.8	11.98
00300	OXYGEN, DISSOLVED MG/L	07/27/63-08/30/63	11	6.8	6.455	7.	5.2	0.381	0.617	5.32	5.9	6.9	7.
00480	SALINITY - PARTS PER THOUSAND	07/27/63-08/30/63	11	31.4	31.336	32.	30.9	0.127	0.356	30.9	30.9	31.5	31.94
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-08/30/63	11	9.	14.364	31.	2.	156.255	12.5	2.2	3.	29.	30.8

** - 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: OLYM0089

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	11	0	0.00							6	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0090

NPS Station ID: OLYM0090 | LAT/LON: 48.121670/-123.421671 | Agency: UNIVWASH | Date Created: / /
Location: T-15 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA56 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 22 | Aquifer: |
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id: |
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region: |
RF1 Index: 17110020026 | RF1 Mile Point: 8.560 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description: | | | |

Parameter Inventory for Station: OLYM0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-07/27/63	3	6.	7.333	16.	0.	65.333	8.083	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-07/27/63	3	11.4	11.533	11.8	11.4	0.053	0.231	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/63-07/27/63	3	6.6	6.6	6.7	6.5	0.01	0.1	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/27/63-07/27/63	3	31.3	31.3	31.3	31.3	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-07/27/63	3	26.	29.333	36.	26.	33.333	5.774	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0090

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	3	0	0.00							3	0	0.00			

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

Station Inventory for Station: OLYM0091

NPS Station ID: OLYM0091
LAT/LON: 48.130282/-123.422226
Agency: UNIVWASH
Date Created: / /
Location: N-15
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA68
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 88
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 8.270
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	5	32.	39.6	85.	0.	1222.3	34.961	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	5	10.9	10.96	12.1	10.1	0.668	0.817	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	5	6.3	5.9	7.1	4.8	1.015	1.007	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	5	31.1	31.18	31.7	30.6	0.217	0.466	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	5	27.	31.	52.	17.	185.5	13.62	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00										5	0	0.00

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

Station Inventory for Station: OLYM0092

NPS Station ID: OLYM0092
LAT/LON: 48.126115/-123.422226
Agency: UNIVWASH
Date Created: / /
Location: Q-21
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA57
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 52
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 8.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-08/30/63	10	11.	13.1	39.	0.	185.433	13.617	0.	0.	20.	38.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-08/30/63	10	11.7	11.58	12.8	10.6	0.435	0.66	10.6	11.125	11.875	12.73
00300	OXYGEN, DISSOLVED MG/L	09/09/62-08/30/63	10	6.15	6.31	7.6	5.1	0.734	0.857	5.14	5.65	7.25	7.58
00480	SALINITY - PARTS PER THOUSAND	09/09/62-08/30/63	10	31.05	30.99	31.4	30.5	0.09	0.3	30.51	30.75	31.175	31.4
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-08/30/63	10	26.5	34.6	84.	10.	596.933	24.432	10.3	14.5	56.	81.8

** - 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: OLYM0092

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	10	0	0.00							4	0	0.00	6	0	0.00

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

Station Inventory for Station: OLYM0093

NPS Station ID: OLYM0093
LAT/LON: 48.125005/-123.423059
Agency: 10EPACOP
Date Created: 04/21/79
Location: ANGELES
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 031418
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 RY DOCK, PORT
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 8.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
OFF BLACK BALL FERRY DOCK IN PORT ANGELES

Parameter Inventory for Station: OLYM0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	91	0.	44.516	131.	0.	2939.386	54.216	0.	0.	65.	131.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	17	10.5	10.429	11.9	8.6	0.697	0.835	8.84	9.9	11.	11.42
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	60	30.1	17.552	32.2	2.9	199.868	14.137	3.	3.1	31.05	31.9
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	63	14.	26.095	238.	0.	2402.959	49.02	2.	8.	28.	33.
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	14	3.15	3.068	3.85	2.	0.44	0.663	2.	2.728	3.603	3.85
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	91	334.	323.121	510.	90.	11668.063	108.019	183.	231.	412.	450.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	91	1545.	1546.341	1900.	1045.	43856.138	209.419	1230.	1500.	1720.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	57	253.	265.053	310.	237.	769.336	27.737	237.	244.	290.	310.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	3	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	91	182.	153.846	320.	0.	8782.421	93.715	0.	103.	211.	266.8
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	91	10.	31.615	210.	0.	2220.928	47.127	2.	5.	31.	116.

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

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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	6	65.	65.333	131.	0.	3432.267	58.586	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	3	3.2	3.167	3.2	3.1	0.003	0.058	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	3	13.	12.333	14.	10.	4.333	2.082	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	6	305.	305.	305.	305.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	6	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	6	209.5	202.167	221.	161.	448.167	21.17	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	6	9.	8.167	10.	5.	4.567	2.137	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more 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: 12/01 to 3/31 - Station OLYM0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	6	65.	65.333	131.	0.	3432.267	58.586	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	3	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	3	8.	9.	17.	2.	57.	7.55	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	6	334.	334.	334.	334.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	6	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	6	259.	267.833	301.	238.	699.767	26.453	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	6	2.	4.333	10.	1.	19.867	4.457	**	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	61	0.	37.492	131.	0.	2777.721	52.704	0.	0.	65.	131.
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	42	30.6	21.705	32.2	3.	177.973	13.341	3.	3.1	31.1	31.9
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	45	15.	32.	238.	0.	3225.045	56.789	5.6	8.5	28.	42.2
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	61	326.	319.246	510.	90.	13276.255	115.223	183.	216.	412.	450.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	61	1533.	1527.525	1900.	1045.	47081.554	216.983	1230.	1323.	1715.	1800.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	61	159.	136.967	320.	0.	9861.466	99.305	0.	7.5	203.	268.6
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	61	14.	36.525	210.	0.	2177.287	46.661	2.	5.	57.5	116.

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	18	65.	54.444	131.	0.	3151.438	56.138	0.	0.	131.	131.
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	12	3.15	10.275	31.9	2.9	170.06	13.041	2.93	3.	24.725	31.9
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	12	8.5	11.667	29.	0.	131.515	11.468	0.3	2.25	25.25	29.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	18	364.5	338.667	435.	93.	14447.294	120.197	93.	338.	435.	435.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	18	1679.	1607.667	1830.	1100.	58982.706	242.864	1100.	1638.	1720.	1830.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	18	186.	156.944	212.	4.	4910.056	70.072	6.7	161.75	195.	201.2
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	18	7.	31.889	181.	2.	3522.81	59.353	2.	4.5	11.	163.

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

Station Inventory for Station: OLYM0094

NPS Station ID: OLYM0094
LAT/LON: 48.137782/-123.423615
Agency: UNIVWASH
Date Created: / /
Location: H-16
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA09
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 209
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.990
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	6	48.5	62.333	163.	0.	3673.067	60.606	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	6	10.3	9.95	11.7	7.5	2.455	1.567	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	6	5.85	5.6	7.3	3.2	2.604	1.614	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	6	31.5	31.65	32.7	30.7	0.675	0.822	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	6	10.	9.167	15.	3.	26.967	5.193	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0094

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	6	1	0.17										6	1	0.17

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

Station Inventory for Station: OLYM0095

NPS Station ID: OLYM0095 LAT/LON: 48.140281/-123.424448 Agency: 21540000 Date Created: / /
Location: PT ANGLS HBR AT EDIZ HK PILOT ST FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): PAH002
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PUGET SOUND (ELWHA DUNGENESS-18) ECO Region:
RF1 Index: 17110020026 RF1 Mile Point: 7.850 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED IN PORT ANGELES HARBOR 100 YARDS DUE SOUTH OF THE PILOT STATION ON EDIZ HOOK ABOUT TWO-THIRDS OF THE WAY DOWN THE HOOK
SOUTHWEST REGION 7.5 QUAD- EDIZ HOOK
15 QUAD- PORT ANGELES

Parameter Inventory for Station: OLYM0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/16/70	50	10.5	10.5	20.	1.	92.092	9.596	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/16/70	50	9.65	9.414	12.2	6.3	2.096	1.448	7.04	8.6	10.225	11.29
00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	23	764.	761.304	777.	682.	331.04	18.194	754.6	760.	769.	773.2
00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	25	6.	6.8	20.	0.	19.25	4.387	2.	3.5	9.	12.8
00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	25	4.7	4.636	9.3	0.1	4.392	2.096	1.58	3.25	6.1	6.84
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/16/70	47	2.	2.404	15.	0.	5.898	2.429	1.	1.	3.	5.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-02/25/69	14	37.	36.714	38.	34.	2.374	1.541	34.	35.	38.	38.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/16/70	48	7.25	7.348	12.9	4.1	2.771	1.665	5.08	6.525	7.9	8.97
00400	PH (STANDARD UNITS)	09/27/67-09/16/70	49	7.8	7.792	8.3	7.3	0.035	0.188	7.6	7.7	7.85	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/16/70	49	7.8	7.755	8.3	7.3	0.037	0.192	7.6	7.7	7.85	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/16/70	49	0.016	0.018	0.05	0.005	0.	0.007	0.008	0.014	0.02	0.025
00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	50	29.7	29.548	35.5	24.5	5.065	2.251	26.93	28.35	30.6	31.43
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	46	17.	28.543	530.	0.	5910.654	76.881	1.4	4.5	25.	39.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	25	8.	19.52	100.	0.	765.26	27.663	0.	0.5	29.5	65.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/27/67-09/16/70	25	0.903	0.792	2.	0.	0.545	0.738	0.	0.	1.468	1.818
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.2								

** - 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: OLYM0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	47	0	0.00	2	0	0.00	17	0	0.00	20	0	0.00	8	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	0	0.00	2	0	0.00	18	0	0.00	18	0	0.00	10	0	0.00
00400	PH	Marine Chronic	8.5	49	0	0.00	2	0	0.00	17	0	0.00	20	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	49	0	0.00	2	0	0.00	17	0	0.00	20	0	0.00	10	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	25	0	0.00	1	0	0.00	9	0	0.00	10	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0096

NPS Station ID: OLYM0096
Location: HOOK)
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin:
Minor Basin: 11 T RAMP (EDIZ
RF1 Index: 17110020026
RF3 Index:
Description:
BOAT RAMP (EDIZ HOOK)

LAT/LON: 48.139726/-123.425837
Depth of Water: 3276
Elevation: 0
RF1 Mile Point: 7.850
RF3 Mile Point: 0.00

Agency: 10EPACOP
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 310018
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 04/21/79
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: OLYM0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	100	131.	160.88	524.	0.	23954.551	154.773	0.	65.	196.	504.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	33	9.8	9.685	11.4	7.8	1.031	1.015	8.1	9.	10.4	11.32
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	4	8.65	8.625	8.7	8.5	0.009	0.096	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/76-08/18/76	4	7.87	7.863	7.88	7.83	0.001	0.024	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/76-08/18/76	4	7.87	7.862	7.88	7.83	0.001	0.024	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/76-08/18/76	4	0.013	0.014	0.015	0.013	0.	0.001	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	52	3.1	5.798	32.7	2.9	69.219	8.32	3.	3.	3.2	22.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/76-08/18/76	3	4.	4.	4.	4.	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	52	4.5	5.096	19.	0.	25.147	5.015	0.	0.	10.	12.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	100	370.	371.42	480.	287.	3375.478	58.099	290.	323.	406.5	480.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	100	1676.5	1658.96	1830.	1500.	11192.928	105.797	1515.	1545.	1748.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	96	250.	261.146	310.	237.	682.526	26.125	237.	238.75	284.75	308.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	4	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	100	217.	212.3	363.	2.	3740.919	61.163	145.3	182.25	251.5	285.8
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	100	3.	11.03	136.	0.	674.757	25.976	0.	1.	6.75	20.7

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

EPA Water Quality Criteria Analysis for Station: OLYM0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00										4	0	0.00
00400	PH	Marine Chronic	8.5	4	0	0.00										4	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00										4	0	0.00

& - 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 OLYM0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	10	131.	209.4	524.	0.	40810.933	202.017	0.	48.75	376.25	524.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	10	370.	370.	370.	370.	0.	0.	370.	370.	370.	370.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	10	1715.	1715.	1715.	1715.	0.	0.	1715.	1715.	1715.	1715.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	10	269.	269.	269.	269.	0.	0.	269.	269.	269.	269.
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	10	157.	127.8	210.	2.	6463.956	80.399	2.5	58.75	205.25	209.9
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	10	26.5	44.2	117.	5.	1630.844	40.384	5.2	8.5	80.5	114.7

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

Annual Analysis for 1973 - Station OLYM0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	34	131.	134.588	524.	0.	17916.007	133.851	0.	48.75	196.	327.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	34	313.	360.412	480.	287.	8117.583	90.098	287.	289.25	480.	480.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	34	1545.	1619.118	1800.	1500.	18640.107	136.529	1500.	1511.25	1800.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	34	250.	263.765	310.	244.	686.246	26.196	244.	250.	267.25	310.
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	34	232.	236.735	363.	145.	1874.201	43.292	182.	212.	259.25	291.5
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	34	2.	2.265	8.	0.	4.079	2.02	0.	1.	3.25	6.

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

Annual Analysis for 1974 - Station OLYM0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	40	131.	163.5	524.	0.	23978.103	154.849	0.	65.	196.	504.3
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	40	402.	381.	416.	323.	1356.718	36.834	323.	350.	416.	416.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	40	1720.	1668.	1748.	1533.	7231.795	85.04	1533.	1600.	1748.	1748.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	40	237.	261.8	308.	237.	979.446	31.296	237.	237.	290.	308.
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	40	231.	220.7	320.	65.	3681.805	60.678	111.4	183.5	267.5	290.8
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	40	1.5	11.825	136.	0.	973.635	31.203	0.	0.25	4.	56.7

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

Annual Analysis for 1975 - Station OLYM0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	12	163.5	207.167	524.	0.	33417.97	182.806	0.	65.	327.	524.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	12	361.	361.	361.	361.	0.	0.	361.	361.	361.	361.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	12	1638.	1638.	1638.	1638.	0.	0.	1638.	1638.	1638.	1638.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	12	245.	245.	245.	245.	0.	0.	245.	245.	245.	245.
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	12	190.5	196.333	233.	174.	385.879	19.644	175.8	180.5	208.	232.7
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	12	6.5	6.833	12.	3.	7.061	2.657	3.3	5.	8.	11.7

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

Annual Analysis for 1976 - Station OLYM0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	4	98.	98.	196.	0.	7128.667	84.431	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	4	404.	404.	407.	401.	6.667	2.582	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	4	1830.	1830.	1830.	1830.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 OLYM0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	4	181.	179.75	196.	161.	222.917	14.93	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	4	7.5	7.25	10.	4.	10.25	3.202	**	**	**	**

** - Less than 9 observations ## - Computed 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: OLYM0097

NPS Station ID: OLYM0097
LAT/LON: 48.137782/-123.425837
Agency: UNIVWASH
Date Created: / /
Location: H-17
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA10
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 196
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.850
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	19	32.	49.474	131.	0.	2265.152	47.594	0.	6.	98.	131.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	18	8.2	8.828	11.6	7.	2.79	1.67	7.09	7.45	10.425	11.6
00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	19	6.5	6.447	7.8	4.3	1.083	1.04	4.9	5.6	7.4	7.8
00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	19	31.5	31.416	32.9	30.4	0.679	0.824	30.4	30.7	32.1	32.8
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	19	8.	16.053	56.	0.	293.608	17.135	0.	2.	30.	40.

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

EPA Water Quality Criteria Analysis for Station: OLYM0097

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	19	0	0.00				12	0	0.00				7	0	0.00

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

Station Inventory for Station: OLYM0098

NPS Station ID: OLYM0098
LAT/LON: 48.131670/-123.425837
Agency: 10EPACOP
Date Created: 04/21/79
Location: CK-EDIZ BOAT RA
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 310016
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 WEEN FERRY DO
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 8.130
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
HALFWAY BETWEEN FERRY DOCK AND PORT BOAT RAMP (EDIZ)

Parameter Inventory for Station: OLYM0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/10/72-08/18/76	82	65.	97.195	196.	0.	5516.974	74.276	0.	0.	196.	196.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	24	10.25	10.238	12.4	8.4	0.974	0.987	8.75	9.65	10.8	11.7
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	4	8.65	8.6	8.7	8.4	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	08/25/75-08/18/76	7	7.89	7.913	7.99	7.83	0.005	0.069	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/18/76	7	7.89	7.908	7.99	7.83	0.005	0.07	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/18/76	7	0.013	0.012	0.015	0.01	0.	0.002	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	05/10/72-08/18/76	43	3.1	5.623	30.7	2.9	64.608	8.038	2.9	3.	3.2	19.38
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/76-08/18/76	3	5.	5.	7.	3.	4.	2.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	05/10/72-08/18/76	43	8.	9.837	47.	0.	97.187	9.858	0.	2.	14.	24.2
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	05/10/72-08/18/76	82	355.	374.78	500.	295.	4148.124	64.406	295.9	320.	428.	482.9
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	05/10/72-08/18/76	82	1638.	1643.927	1830.	1500.	11908.908	109.128	1504.5	1533.	1727.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	78	253.	264.821	310.	237.	746.227	27.317	237.	244.	290.	310.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	4	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	05/10/72-08/18/76	82	202.5	187.524	310.	0.	6171.265	78.557	27.1	164.25	235.5	277.5
71096	ABNORMAL BIVALVE MULLOSC LARVAE	05/10/72-08/18/76	82	4.	24.024	226.	0.	2499.58	49.996	0.	1.	11.75	109.9
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/25/75	2	0.05	0.05	0.06	0.04	0.	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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00										4	0	0.00
00400	PH	Marine Chronic	8.5	7	0	0.00										7	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00										7	0	0.00

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

Station Inventory for Station: OLYM0099

NPS Station ID: OLYM0099
LAT/LON: 48.123337/-123.426116
Agency: UNIVWASH
Date Created: / /
Location: R-17
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA59
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 36
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 8.270
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-01/09/64	20	11.	12.1	32.	0.	131.568	11.47	0.	0.	16.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-01/09/64	20	10.55	10.28	12.5	7.1	3.606	1.899	7.45	8.325	12.15	12.39
00300	OXYGEN, DISSOLVED MG/L	09/09/62-01/09/64	20	6.65	6.89	8.6	5.4	0.942	0.971	5.7	6.05	7.85	8.45
00480	SALINITY - PARTS PER THOUSAND	09/09/62-01/09/64	19	30.7	30.468	31.9	29.3	0.387	0.622	29.5	29.9	30.7	31.
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-01/09/64	20	34.	45.	167.	5.	1331.053	36.484	12.	21.5	65.25	82.3

** - 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: OLYM0099

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-7/31----------			----------8/01-9/30----------		
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.	20	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00

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

Station Inventory for Station: OLYM0100

NPS Station ID: OLYM0100 | LAT/LON: 48.136116/-123.426116 | Agency: UNIVWASH | Date Created: / /
Location: I-17 | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDFA13
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 164 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110020026 | RF1 Mile Point: 7.990 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-04/18/63	12	24.	36.167	98.	0.	1326.697	36.424	0.	6.	65.	98.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-04/18/63	12	9.35	9.358	9.6	9.1	0.028	0.168	9.13	9.2	9.5	9.6
00300	OXYGEN, DISSOLVED MG/L	04/18/63-04/18/63	12	8.85	8.792	9.2	8.1	0.11	0.332	8.16	8.575	9.	9.17
00480	SALINITY - PARTS PER THOUSAND	04/18/63-04/18/63	12	29.75	29.817	30.1	29.7	0.022	0.147	29.7	29.7	29.975	30.07
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-04/18/63	12	10.	8.667	13.	3.	12.061	3.473	3.6	5.	11.	13.

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

EPA Water Quality Criteria Analysis for Station: OLYM0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	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: OLYM0101

NPS Station ID: OLYM0101 | LAT/LON: 48.128337/-123.426670 | Agency: UNIVWASH | Date Created: / /
Location: O-17 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA34 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 82 | Aquifer: |
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id: |
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region: |
RF1 Index: 17110020026 | RF1 Mile Point: 8.130 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description: | | | |

Parameter Inventory for Station: OLYM0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-08/30/63	10	16.	22.2	65.	0.	481.067	21.933	0.	4.5	36.25	63.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-08/30/63	10	11.15	11.04	11.7	9.7	0.365	0.604	9.78	10.725	11.525	11.69
00300	OXYGEN, DISSOLVED MG/L	07/27/63-08/30/63	10	6.95	6.92	8.	5.5	0.722	0.85	5.55	6.15	7.9	7.99
00480	SALINITY - PARTS PER THOUSAND	07/27/63-08/30/63	10	31.3	31.19	31.9	30.7	0.141	0.375	30.7	30.775	31.4	31.85
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-08/30/63	10	3.	8.4	58.	0.	307.822	17.545	0.2	2.	4.25	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: OLYM0101

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	10	0	0.00							5	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0102

NPS Station ID: OLYM0102
LAT/LON: 48.131115/-123.426949
Agency: UNIVWASH
Date Created: / /
Location: M-17
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA70
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 196
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 8.130
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-12/10/63	10	16.	23.8	65.	0.	601.956	24.535	0.	4.5	40.25	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-12/10/63	10	9.05	9.01	9.8	8.1	0.259	0.509	8.15	8.675	9.375	9.78
00300	OXYGEN, DISSOLVED MG/L	04/17/63-12/10/63	10	7.5	7.55	8.4	6.7	0.392	0.626	6.72	7.05	8.125	8.38
00480	SALINITY - PARTS PER THOUSAND	04/17/63-12/10/63	10	30.5	30.45	31.1	29.8	0.365	0.604	29.8	29.875	31.	31.09
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-12/10/63	10	24.	37.5	92.	10.	897.611	29.96	10.3	14.5	59.25	91.2

** - 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: OLYM0102

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	10	0	0.00				5	0	0.00	5	0	0.00			

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

Station Inventory for Station: OLYM0103

NPS Station ID: OLYM0103 LAT/LON: 48.130282/-123.427503 Agency: UNIVWASH Date Created: / /
Location: N-17 FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): JDFA36
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 82 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA ECO Region:
RF1 Index: 17110020026 RF1 Mile Point: 8.130 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-01/09/64	19	16.	24.737	65.	0.	583.427	24.154	0.	6.	32.	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-01/09/64	19	8.3	8.658	10.5	7.	0.946	0.973	7.3	7.9	9.4	10.1
00300	OXYGEN, DISSOLVED MG/L	02/03/63-01/09/64	19	6.	6.026	7.2	4.4	0.798	0.893	4.6	5.3	6.9	7.1
00480	SALINITY - PARTS PER THOUSAND	02/03/63-01/09/64	19	32.	31.437	32.6	29.5	1.079	1.039	29.8	30.4	32.2	32.5
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-01/09/64	19	15.	23.368	78.	1.	488.912	22.111	2.	6.	38.	61.

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

EPA Water Quality Criteria Analysis for Station: OLYM0103

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	19	0	0.00				9	0	0.00	5	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0104

NPS Station ID: OLYM0104 | LAT/LON: 48.137503/-123.427782 | Agency: UNIVWASH | Date Created: / /
Location: I-18 | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDFA11
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 196 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110020026 | RF1 Mile Point: 7.850 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/10/63-12/10/63	7	32.	49.714	131.	0.	2500.905	50.009	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/10/63-12/10/63	7	8.7	8.686	8.9	8.3	0.041	0.204	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/10/63-12/10/63	7	7.1	6.786	7.1	5.4	0.408	0.639	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	12/10/63-12/10/63	7	31.1	31.257	32.	31.	0.126	0.355	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	12/10/63-12/10/63	7	13.	11.	16.	3.	19.667	4.435	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0104

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	7	0	0.00				7	0	0.00						

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

Station Inventory for Station: OLYM0105

NPS Station ID: OLYM0105 LAT/LON: 48.122781/-123.428338 Agency: 21540000 Date Created: / /
Location: PT ANGELES HBR AT FERRY LANDING FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): PAH005
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PUGET SOUND (ELWHA DUNGENESS-18) ECO Region:
RF1 Index: 17110020026 RF1 Mile Point: 8.270 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED IN PORT ANGELES HARBOR 100 YARDS NORTHWEST OF THE FERRY LANDING IN PORT ANGELES
SOUTHWEST REGION 7.5 QUAD- PORT ANGELES
15 QUAD- PORT ANGELES

Parameter Inventory for Station: OLYM0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/16/70	52	10.5	10.5	20.	1.	92.02	9.593	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/16/70	51	10.	9.798	14.3	5.2	3.603	1.898	7.32	8.7	10.9	11.88
00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	24	763.5	761.583	777.	682.	318.514	17.847	755.	760.5	768.75	773.
00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	26	5.5	6.423	14.	0.	14.734	3.838	2.	3.75	9.25	12.6
00040	WIND DIRECTION, AZIMUTH	04/14/70-04/14/70	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	26	4.85	4.892	9.4	0.3	4.175	2.043	2.04	3.35	6.625	7.18
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/16/70	47	2.	3.	15.	1.	9.739	3.121	1.	1.	3.	6.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-02/25/69	14	37.	36.929	39.	34.	2.533	1.592	34.5	35.	38.	39.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/16/70	50	7.2	7.088	12.6	1.9	3.997	1.999	4.81	6.2	7.825	9.37
00400	PH (STANDARD UNITS)	09/27/67-09/16/70	49	7.7	7.69	8.2	6.8	0.061	0.246	7.5	7.6	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/16/70	49	7.7	7.591	8.2	6.8	0.071	0.266	7.5	7.6	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/16/70	49	0.02	0.026	0.158	0.006	0.001	0.029	0.01	0.016	0.025	0.032
00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	52	29.7	29.556	35.3	24.5	5.033	2.243	27.03	28.325	30.4	31.18
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	45	33.	97.489	1480.	4.	74671.756	273.261	8.4	16.5	53.	124.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	26	19.	231.962	2100.	0.	267408.278	517.115	0.7	6.	132.5	1054.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/27/67-09/16/70	26	1.278	1.441	3.322	0.	0.921	0.96	0.	0.778	2.106	3.001
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27.62								

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	47	0	0.00	4	0	0.00	17	0	0.00	20	0	0.00	6	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	50	4	0.08	4	0	0.00	18	0	0.00	18	2	0.11	10	2	0.20
00400	PH	Marine Chronic	8.5	49	0	0.00	4	0	0.00	17	0	0.00	20	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	49	0	0.00	4	0	0.00	17	0	0.00	20	0	0.00	8	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	26	2	0.08	2	0	0.00	9	2	0.22	10	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0106

NPS Station ID: OLYM0106
Location: PORT ANGELES STA 12
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin: PACIFIC NORTHWEST
Minor Basin: PUGET SOUND BASIN
RF1 Index: 17110020026
RF3 Index:
Description:

LAT/LON: 48.129726/-123.428338
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 7.990
RF3 Mile Point: 0.00

Agency: 1119C050
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 543035 /P12
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

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

Parameter Inventory for Station: OLYM0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	15	16.	24.4	66.	0.	594.257	24.377	0.	7.	33.	66.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	10	8.4	8.78	11.2	8.1	0.906	0.952	8.11	8.2	9.125	11.03
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	10	0.3	0.45	1.1	0.2	0.072	0.268	0.21	0.3	0.6	1.05
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	10	47000.	46560.	47200.	45200.	542666.667	736.659	45230.	45875.	47050.	47200.
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	15	6.6	6.68	8.8	5.2	1.276	1.13	5.38	5.8	7.5	8.8
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	15	7.6	7.593	7.8	6.9	0.045	0.212	7.26	7.6	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	15	7.6	7.522	7.8	6.9	0.05	0.225	7.26	7.6	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	15	0.025	0.03	0.126	0.016	0.001	0.027	0.016	0.02	0.025	0.069
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	5	31.	31.52	32.4	31.	0.512	0.716	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	15	11.	82.933	1000.	6.	64528.495	254.025	6.6	9.	30.	428.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3 ##	5.	15.333	40.	1.	460.333	21.455	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3 ##	0.699	0.767	1.602	0.	0.645	0.803	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.848								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	10	30.9	30.57	31.	29.6	0.276	0.525	29.62	30.1	30.925	31.

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

EPA Water Quality Criteria Analysis for Station: OLYM0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	0	0.00	5	0	0.00				5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	5	0	0.00				10	0	0.00			
00400	PH	Marine Chronic	8.5	15	0	0.00	5	0	0.00				10	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	5	0	0.00				10	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0107

NPS Station ID: OLYM0107
LAT/LON: 48.136392/-123.428338
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 11
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543034 /P11
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.850
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	18	24.5	36.667	98.	0.	1286.	35.861	0.	7.	66.	98.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	12	8.45	8.817	12.	8.	1.269	1.126	8.03	8.225	8.75	11.4
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	12	0.4	0.492	1.	0.2	0.075	0.275	0.23	0.3	0.775	0.97
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	12	47000.	46708.333	48000.	45000.	884469.697	940.462	45000.	46125.	47375.	47850.
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	18	6.05	6.356	9.	4.7	1.18	1.086	5.24	5.6	6.9	8.28
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	18	7.6	7.567	7.8	6.7	0.058	0.24	7.42	7.5	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	18	7.6	7.462	7.8	6.7	0.069	0.263	7.42	7.5	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	18	0.025	0.035	0.2	0.016	0.002	0.042	0.016	0.02	0.032	0.048
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	6	32.1	32.183	32.5	32.1	0.026	0.16	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	18	12.	130.389	2000.	5.	218518.958	467.46	5.	6.75	25.25	317.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	10.	101.333	290.	4.	26705.333	163.418	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	1.	1.355	2.462	0.602	0.96	0.98	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22.637								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	12	30.9	29.85	31.6	21.2	7.819	2.796	23.69	29.675	30.9	31.48

** - 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: OLYM0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	6	0	0.00				6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	6	0	0.00				12	0	0.00			
00400	PH	Marine Chronic	8.5	18	0	0.00	6	0	0.00				12	0	0.00			
		Other-Lo Lim.	6.5	18	0	0.00	6	0	0.00				12	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0108

NPS Station ID: OLYM0108
Location: PORT ANGELES STA 13
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin: PACIFIC NORTHWEST
Minor Basin: PUGET SOUND BASIN
RF1 Index: 17110020026
RF3 Index:
Description:

LAT/LON: 48.124170/-123.428338
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 8.270
RF3 Mile Point: 0.00

Agency: 1119C050
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 543036 /P13
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

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

Parameter Inventory for Station: OLYM0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	12	11.5	14.	33.	0.	166.364	12.898	0.	1.75	28.75	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	8	8.4	9.025	12.	8.3	1.602	1.266	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	8	0.45	0.513	1.	0.4	0.041	0.203	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	8	46650.	46412.5	47000.	45000.	504107.143	710.005	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	12	6.35	6.417	7.5	5.6	0.26	0.51	5.72	6.025	6.6	7.38
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.55	7.508	7.7	6.8	0.059	0.243	6.98	7.5	7.675	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.547	7.416	7.7	6.8	0.068	0.261	6.98	7.5	7.675	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	12	0.028	0.038	0.158	0.02	0.001	0.038	0.02	0.021	0.032	0.123
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	4	31.9	31.9	31.9	31.9	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	12	56.5	81.083	490.	9.	17578.447	132.584	9.3	11.5	65.75	376.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	10.	13.333	20.	10.	33.333	5.774	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	1.	1.1	1.301	1.	0.03	0.174	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.599								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	8	30.6	30.475	30.9	29.5	0.242	0.492	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	4	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	4	0	0.00				8	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	4	0	0.00				8	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00				8	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0109

NPS Station ID: OLYM0109
LAT/LON: 48.124170/-123.428892
Agency: UNIVWASH
Date Created: / /
Location: R-18
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA58
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 45
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 8.270
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-12/10/63	16	11.	13.5	32.	0.	156.533	12.511	0.	1.5	28.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-12/10/63	16	9.55	9.431	10.6	8.3	0.441	0.664	8.44	8.775	9.8	10.46
00300	OXYGEN, DISSOLVED MG/L	04/18/63-12/10/63	16	7.	6.831	8.7	3.5	2.46	1.568	4.55	5.2	8.175	8.63
00480	SALINITY - PARTS PER THOUSAND	04/18/63-12/10/63	16	30.25	30.556	32.2	29.5	1.071	1.035	29.57	29.625	31.675	32.13
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-12/10/63	16	28.	29.063	58.	6.	220.596	14.852	10.2	18.5	35.	57.3

** - 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: OLYM0109

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	16	1	0.06				4	0	0.00	8	1	0.13	4	0	0.00

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

Station Inventory for Station: OLYM0110

NPS Station ID: OLYM0110
LAT/LON: 48.138338/-123.430004
Agency: UNIVWASH
Date Created: / /
Location: H-18
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA12
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 186
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-10/29/63	23	32.	42.	163.	0.	2024.091	44.99	0.	6.	65.	117.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-10/29/63	23	9.4	9.774	12.3	8.3	1.534	1.238	8.44	9.	9.9	12.16
00300	OXYGEN, DISSOLVED MG/L	04/17/63-10/29/63	23	6.6	6.678	9.3	3.8	2.634	1.623	4.52	5.3	8.3	9.2
00480	SALINITY - PARTS PER THOUSAND	04/17/63-10/29/63	23	31.1	31.3	33.2	29.7	1.358	1.165	29.7	30.1	32.2	32.92
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-10/29/63	23	8.	11.087	45.	0.	144.356	12.015	0.8	4.	11.	37.

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

EPA Water Quality Criteria Analysis for Station: OLYM0110

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	23	1	0.04	5	0	0.00				12	0	0.00	6	1	0.17

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

Station Inventory for Station: OLYM0111

NPS Station ID: OLYM0111 | LAT/LON: 48.133337/-123.430004 | Agency: UNIVWASH | Date Created: / /
Location: L-18 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA24 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 131 | Aquifer: |
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id: |
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region: |
RF1 Index: 17110020026 | RF1 Mile Point: 7.850 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description: | | | |

Parameter Inventory for Station: OLYM0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/63-10/29/63	5	16.	23.8	65.	0.	677.2	26.023	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/29/63-10/29/63	5	12.3	12.12	12.4	11.4	0.177	0.421	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/29/63-10/29/63	5	6.6	6.56	6.7	6.4	0.023	0.152	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	10/29/63-10/29/63	5	30.9	30.88	31.1	30.6	0.052	0.228	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/29/63-10/29/63	5	29.	30.	56.	5.	546.	23.367	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0111

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	5	0	0.00	5	0	0.00									

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

Station Inventory for Station: OLYM0112

NPS Station ID: OLYM0112
LAT/LON: 48.136670/-123.435005
Agency: UNIVWASH
Date Created: / /
Location: I-20
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA25
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 147
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/27/63-07/27/63	5	16.	30.4	98.	0.	1574.8	39.684	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/63-07/27/63	5	10.8	10.66	11.4	9.6	0.488	0.699	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/27/63-07/27/63	5	6.2	6.14	6.7	5.1	0.403	0.635	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/27/63-07/27/63	5	31.4	31.56	32.1	31.4	0.093	0.305	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/27/63-07/27/63	5	9.	8.6	14.	3.	25.3	5.03	**	**	**	**

** - 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: OLYM0112

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	5	0	0.00							5	0	0.00			

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

Station Inventory for Station: OLYM0113

NPS Station ID: OLYM0113
LAT/LON: 48.128616/-123.436671
Agency: UNIVWASH
Date Created: / /
Location: O-22
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA38
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 72
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/63-03/08/63	5	16.	20.6	49.	0.	398.8	19.97	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/63-03/08/63	5	7.9	8.14	8.7	7.7	0.188	0.434	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/08/63-03/08/63	5	6.9	6.98	7.2	6.9	0.017	0.13	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/08/63-03/08/63	5	31.2	31.2	31.4	31.1	0.015	0.122	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/08/63-03/08/63	5	18.	19.2	28.	10.	73.2	8.556	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0113

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	5	0	0.00				5	0	0.00						

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

Station Inventory for Station: OLYM0114

NPS Station ID: OLYM0114
LAT/LON: 48.130559/-123.436948
Agency: UNIVWASH
Date Created: / /
Location: L-21
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA37
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 82
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-07/27/63	19	16.	24.737	65.	0.	583.427	24.154	0.	6.	32.	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-07/27/63	19	9.6	10.163	12.5	9.2	1.035	1.017	9.2	9.4	11.1	11.5
00300	OXYGEN, DISSOLVED MG/L	09/09/62-07/27/63	19	8.1	7.379	8.9	4.4	1.918	1.385	5.3	6.6	8.5	8.9
00480	SALINITY - PARTS PER THOUSAND	09/09/62-07/27/63	19	29.9	30.505	32.1	29.7	0.739	0.86	29.7	29.7	31.2	31.8
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-07/27/63	19	18.	26.474	67.	7.	354.708	18.834	7.	13.	41.	66.

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

EPA Water Quality Criteria Analysis for Station: OLYM0114

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	19	0	0.00							15	0	0.00	4	0	0.00

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

Station Inventory for Station: OLYM0115

NPS Station ID: OLYM0115 | LAT/LON: 48.135837/-123.437781 | Agency: UNIVWASH | Date Created: / /
Location: J-22 | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDFA26
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 131 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110020026 | RF1 Mile Point: 7.700 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/63-03/08/63	6	24.	36.167	98.	0.	1459.367	38.202	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/63-03/08/63	6	7.8	7.983	8.7	7.7	0.142	0.376	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/08/63-03/08/63	6	6.85	6.717	7.	6.3	0.086	0.293	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/08/63-03/08/63	6	31.25	31.567	32.9	31.	0.527	0.726	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/08/63-03/08/63	6	19.	23.167	47.	3.	358.967	18.946	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0115

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	6	0	0.00				6	0	0.00						

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

Station Inventory for Station: OLYM0116

NPS Station ID: OLYM0116
Location: PORT ANGELES STA 16
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin: PACIFIC NORTHWEST
Minor Basin: PUGET SOUND BASIN
RF1 Index: 17110020026
RF3 Index:
Description:

LAT/LON: 48.132503/-123.439170
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 7.700
RF3 Mile Point: 0.00

Agency: 1119C050
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 543039 /P16
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

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

Parameter Inventory for Station: OLYM0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	15	16.	24.4	66.	0.	594.257	24.377	0.	7.	33.	66.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	10	8.6	8.98	11.5	8.2	1.077	1.038	8.2	8.35	9.4	11.35
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	10	0.45	0.48	0.9	0.3	0.042	0.204	0.3	0.3	0.625	0.88
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	10	46500.	46320.	47000.	45500.	279555.556	528.73	45500.	45875.	46800.	46980.
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	15	6.4	6.687	8.6	5.3	1.17	1.082	5.48	5.8	7.7	8.48
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	15	7.6	7.587	7.7	7.3	0.01	0.099	7.42	7.6	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	15	7.6	7.575	7.7	7.3	0.01	0.1	7.42	7.6	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	15	0.025	0.027	0.05	0.02	0.	0.007	0.02	0.025	0.025	0.039
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	5	32.1	32.12	32.3	32.	0.017	0.13	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	15	12.	30.4	240.	5.	3451.686	58.751	7.4	10.	20.	123.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	30.	40.667	90.	2.	2021.333	44.959	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	1.477	1.244	1.954	0.301	0.724	0.851	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.544								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	10	30.5	30.38	30.9	29.8	0.14	0.374	29.8	30.1	30.7	30.88

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	0	0.00	5	0	0.00				5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	5	0	0.00				10	0	0.00			
00400	PH	Marine Chronic	8.5	15	0	0.00	5	0	0.00				10	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	5	0	0.00				10	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0117

NPS Station ID: OLYM0117
LAT/LON: 48.138615/-123.439170
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 18
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543041 /P18
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	18	24.5	36.667	98.	0.	1286.	35.861	0.	7.	66.	98.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	12	8.5	8.767	11.7	8.	1.039	1.019	8.	8.15	8.775	11.07
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	12	0.6	0.667	1.3	0.3	0.108	0.328	0.3	0.4	0.975	1.21
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	12	46500.	46533.333	48000.	45400.	564242.424	751.161	45430.	46050.	46975.	47850.
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	18	6.35	6.572	9.3	4.3	2.134	1.461	4.48	5.675	7.8	9.03
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	18	7.6	7.578	7.7	7.3	0.01	0.1	7.48	7.5	7.625	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	18	7.6	7.566	7.7	7.3	0.01	0.101	7.48	7.5	7.625	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	18	0.025	0.027	0.05	0.02	0.	0.007	0.02	0.024	0.032	0.033
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	6	32.2	32.25	32.6	32.1	0.035	0.187	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	18	11.5	41.778	400.	6.	8634.771	92.923	6.	7.	30.	139.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	10.	17.	40.	1.	417.	20.421	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	1.	0.867	1.602	0.	0.655	0.809	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.368								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	12	30.5	30.533	31.6	29.7	0.292	0.54	29.73	30.225	30.875	31.48

** - 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: OLYM0117

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00	6	0	0.00				6	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	6	0	0.00				12	0	0.00			
00400	PH	Marine Chronic	8.5	18	0	0.00	6	0	0.00				12	0	0.00			
		Other-Lo Lim.	6.5	18	0	0.00	6	0	0.00				12	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0118

NPS Station ID: OLYM0118
LAT/LON: 48.126115/-123.439170
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 14
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543037 /P14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	12	11.5	14.	33.	0.	166.364	12.898	0.	1.75	28.75	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	8	8.5	8.763	9.7	8.4	0.28	0.529	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	8	0.45	0.875	4.	0.3	1.611	1.269	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	8	46650.	46475.	47000.	45500.	287857.143	536.523	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	12	6.3	6.858	8.5	5.6	1.364	1.168	5.66	5.85	8.35	8.47
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.6	7.6	7.7	7.4	0.009	0.095	7.43	7.525	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.6	7.59	7.7	7.4	0.009	0.096	7.43	7.525	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	12	0.025	0.026	0.04	0.02	0.	0.006	0.02	0.02	0.03	0.037
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	4	31.85	31.95	32.3	31.8	0.057	0.238	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	12	19.	43.5	204.	7.	3652.091	60.433	7.3	10.25	50.5	180.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	40.	33.333	40.	20.	133.333	11.547	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	1.602	1.502	1.602	1.301	0.03	0.174	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			31.748								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	8	30.6	30.488	30.9	29.7	0.167	0.409	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	4	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	4	0	0.00				8	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	4	0	0.00				8	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00				8	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0119

NPS Station ID: OLYM0119
LAT/LON: 48.127781/-123.440837
Agency: UNIVWASH
Date Created: / /
Location: P-22
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA61
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 72
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-02/03/63	4	24.	24.25	49.	0.	442.917	21.046	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-02/03/63	4	7.1	7.125	7.3	7.	0.022	0.15	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/03/63-02/03/63	4	5.55	5.55	6.	5.1	0.217	0.465	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	02/03/63-02/03/63	4	32.15	32.075	32.5	31.5	0.176	0.419	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-02/03/63	4	22.5	25.5	47.	10.	240.333	15.503	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0119

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	4	0	0.00				4	0	0.00						

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

Station Inventory for Station: OLYM0120

NPS Station ID: OLYM0120
LAT/LON: 48.135281/-123.441670
Agency: UNIVWASH
Date Created: / /
Location: J-23
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA27
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 131
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-02/03/63	5	32.	42.2	98.	0.	1551.2	39.385	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-02/03/63	5	7.3	7.2	7.3	7.	0.02	0.141	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/03/63-02/03/63	5	5.5	5.62	6.1	5.3	0.132	0.363	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	02/03/63-02/03/63	5	32.2	32.3	32.9	31.7	0.245	0.495	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-02/03/63	5	23.	17.8	31.	1.	193.2	13.9	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0120

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	5	0	0.00				5	0	0.00						

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

Station Inventory for Station: OLYM0121

NPS Station ID: OLYM0121
LAT/LON: 48.139448/-123.441949
Agency: UNIVWASH
Date Created: / /
Location: N-23
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 131
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 6.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-09/09/62	4	24.	28.25	65.	0.	770.917	27.765	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-09/09/62	4	11.15	11.	12.2	9.5	1.26	1.122	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/09/62-09/09/62	4	7.	6.55	7.5	4.7	1.583	1.258	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/09/62-09/09/62	4	31.	31.175	32.1	30.6	0.416	0.645	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-09/09/62	4	11.5	10.75	17.	3.	34.917	5.909	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0121

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	4	0	0.00										4	0	0.00

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

Station Inventory for Station: OLYM0122

NPS Station ID: OLYM0122 | LAT/LON: 48.138892/-123.443059 | Agency: UNIVWASH | Date Created: / /
Location: H-24 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA15 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 164 | Aquifer: |
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id: |
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region: |
RF1 Index: 17110020026 | RF1 Mile Point: 6.240 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description: | | | |

Parameter Inventory for Station: OLYM0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-01/09/64	46	32.	42.978	131.	0.	1765.444	42.017	0.	6.	65.	107.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-01/09/64	46	9.3	9.504	12.6	7.7	1.3	1.14	8.3	8.875	9.65	11.8
00300	OXYGEN, DISSOLVED MG/L	04/17/63-01/09/64	46	7.15	7.196	9.1	3.4	2.179	1.476	5.17	6.425	8.7	9.
00480	SALINITY - PARTS PER THOUSAND	04/17/63-01/09/64	46	30.55	30.676	33.1	29.6	0.893	0.945	29.7	29.8	31.2	32.13
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-01/09/64	46	13.	18.957	149.	0.	539.198	23.221	4.4	7.75	19.25	37.8

** - 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: OLYM0122

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	46	2	0.04	7	0	0.00	12	0	0.00	20	0	0.00	7	2	0.29

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

Station Inventory for Station: OLYM0123

NPS Station ID: OLYM0123 | LAT/LON: 48.126670/-123.443338 | Agency: UNIVWASH | Date Created: / /
Location: P-24 | | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA62
RMI-Indexes: | | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 49 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region:
RF1 Index: 17110020026 | RF1 Mile Point: 7.500 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-10/29/63	19	16.	13.895	32.	0.	159.766	12.64	0.	0.	32.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-10/29/63	19	10.1	10.647	12.7	9.3	1.532	1.238	9.4	9.7	12.1	12.7
00300	OXYGEN, DISSOLVED MG/L	09/09/62-10/29/63	19	6.4	6.726	8.7	4.9	1.935	1.391	5.	5.3	8.2	8.5
00480	SALINITY - PARTS PER THOUSAND	09/09/62-10/29/63	19	30.7	30.584	32.2	29.3	0.936	0.967	29.5	29.7	31.1	32.1
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-10/29/63	19	35.	42.684	106.	5.	1003.228	31.674	5.	18.	64.	106.

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

EPA Water Quality Criteria Analysis for Station: OLYM0123

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	19	0	0.00	4	0	0.00				8	0	0.00	7	0	0.00

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

Station Inventory for Station: OLYM0124

NPS Station ID: OLYM0124
LAT/LON: 48.130003/-123.443338
Agency: UNIVWASH
Date Created: / /
Location: L-24
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA63
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 65
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/26/63-01/09/64	20	16.	23.8	65.	0.	570.274	23.88	0.	6.	32.	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/63-01/09/64	20	9.45	9.855	12.6	7.9	2.356	1.535	8.12	8.525	11.425	12.29
00300	OXYGEN, DISSOLVED MG/L	06/26/63-01/09/64	20	6.65	6.205	7.2	4.2	0.839	0.916	4.64	5.25	6.8	7.
00480	SALINITY - PARTS PER THOUSAND	06/26/63-01/09/64	20	31.4	31.385	32.5	30.3	0.492	0.701	30.42	30.7	31.975	32.47
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/26/63-01/09/64	20	15.	38.3	206.	3.	2743.168	52.375	3.1	7.	46.	130.

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

EPA Water Quality Criteria Analysis for Station: OLYM0124

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	20	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0125

NPS Station ID: OLYM0125
LAT/LON: 48.126392/-123.444171
Agency: UNIVWASH
Date Created: / /
Location: Q-24
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA60
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 59
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.500
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/18/63-01/09/64	16	11.	13.5	32.	0.	156.533	12.511	0.	1.5	28.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/63-01/09/64	16	8.95	8.938	9.8	8.1	0.349	0.591	8.17	8.325	9.475	9.8
00300	OXYGEN, DISSOLVED MG/L	04/18/63-01/09/64	16	6.85	6.956	8.5	5.7	0.616	0.785	6.05	6.3	7.65	8.29
00480	SALINITY - PARTS PER THOUSAND	04/18/63-01/09/64	16	30.65	30.356	32.1	25.5	2.333	1.528	28.3	29.7	31.2	31.96
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/18/63-01/09/64	16	33.	56.625	235.	8.	3615.983	60.133	11.5	18.	93.75	154.5

** - 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: OLYM0125

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	16	0	0.00				8	0	0.00	8	0	0.00			

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

Station Inventory for Station: OLYM0126

NPS Station ID: OLYM0126
LAT/LON: 48.132226/-123.445004
Agency: UNIVWASH
Date Created: / /
Location: L-25
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA39
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 85
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.210
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/63-12/10/63	20	16.	23.	65.	0.	513.684	22.665	0.	6.	32.	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/63-12/10/63	20	9.05	8.955	10.	7.7	0.417	0.646	7.81	8.55	9.4	9.6
00300	OXYGEN, DISSOLVED MG/L	03/08/63-12/10/63	20	7.7	7.795	8.9	6.6	0.84	0.917	6.81	6.925	8.7	8.79
00480	SALINITY - PARTS PER THOUSAND	03/08/63-12/10/63	20	30.4	30.405	31.3	29.5	0.527	0.726	29.6	29.725	31.1	31.29
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/08/63-12/10/63	19	22.	22.526	43.	6.	73.374	8.566	11.	18.	26.	35.

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

EPA Water Quality Criteria Analysis for Station: OLYM0126

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	0	0.00				10	0	0.00	10	0	0.00			

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

Station Inventory for Station: OLYM0127

NPS Station ID: OLYM0127
LAT/LON: 48.134170/-123.446116
Agency: UNIVWASH
Date Created: / /
Location: K-25
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA28
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 131
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-04/18/63	9	16.	25.778	65.	0.	633.194	25.163	0.	3.	48.5	65.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-04/18/63	7	9.5	9.914	11.3	9.3	0.675	0.821	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/09/62-04/18/63	8	8.6	7.675	8.8	4.5	2.514	1.585	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/09/62-04/18/63	8	29.9	30.388	32.2	29.7	0.853	0.923	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-04/18/63	9	24.	22.667	31.	2.	76.5	8.746	2.	20.	28.5	31.

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

EPA Water Quality Criteria Analysis for Station: OLYM0127

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	8	0	0.00							5	0	0.00	3	0	0.00

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

Station Inventory for Station: OLYM0128

NPS Station ID: OLYM0128
LAT/LON: 48.128893/-123.446670
Agency: UNIVWASH
Date Created: / /
Location: O-26
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA64
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 32
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.210
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/08/63-08/30/63	11	6.	11.818	32.	0.	138.764	11.78	0.	0.	16.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/63-08/30/63	11	9.4	9.955	12.	7.8	2.631	1.622	7.88	8.8	12.	12.
00300	OXYGEN, DISSOLVED MG/L	06/26/63-08/30/63	8	6.8	6.937	7.4	6.4	0.166	0.407	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	03/08/63-08/30/63	11	31.1	31.309	32.2	30.9	0.201	0.448	30.9	30.9	31.6	32.14
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/08/63-08/30/63	11	20.	41.818	138.	5.	1802.564	42.457	6.	13.	73.	128.2

** - 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: OLYM0128

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	8	0	0.00							4	0	0.00	4	0	0.00

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

Station Inventory for Station: OLYM0129

NPS Station ID: OLYM0129
Location: ELES MARINA
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin:
Minor Basin: 11 T OF PORT ANG
RF1 Index: 17110020026
RF3 Index:
Description:
OFF PORT OF PORT ANGELES BOAT HAVEN

LAT/LON: 48.133337/-123.450005
Depth of Water: 3276
Elevation: 0
RF1 Mile Point: 7.070
RF3 Mile Point: 0.00

Agency: 10EPACOP
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 031226
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 04/21/79
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: OLYM0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	82	0.	62.146	196.	0.	5688.003	75.419	0.	0.	131.	196.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/72-08/18/76	26	10.4	10.277	12.4	8.6	0.826	0.909	8.74	9.5	10.625	11.47
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	4	8.55	8.55	8.6	8.5	0.003	0.058	**	**	**	**
00400	PH (STANDARD UNITS)	08/25/75-08/18/76	10	7.98	7.93	8.	7.82	0.006	0.074	7.822	7.855	7.985	8.
00400	CONVERTED PH (STANDARD UNITS)	08/25/75-08/18/76	10	7.98	7.924	8.	7.82	0.006	0.075	7.822	7.855	7.985	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/75-08/18/76	10	0.01	0.012	0.015	0.01	0.	0.002	0.01	0.01	0.014	0.015
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	61	30.1	19.139	32.9	2.9	194.677	13.953	3.	3.1	30.85	32.14
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/76-08/18/76	3	6.	6.333	7.	6.	0.333	0.577	**	**	**	**
00745	SULFIDE, TOTAL (MG/L AS S)	08/25/75-08/25/75	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	64	9.	34.969	278.	0.	4447.618	66.69	0.5	3.	23.	138.5
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	15	3.28	3.172	4.79	1.72	1.261	1.123	1.72	2.29	3.78	4.79
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	82	350.	322.646	493.	85.	14240.873	119.335	125.	214.	415.	475.3
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	82	1638.	1571.098	1900.	1045.	56758.657	238.241	1223.	1323.	1748.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	44	247.5	259.318	310.	237.	707.757	26.604	237.	237.	269.	310.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	4	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	82	193.5	165.902	354.	0.	9703.151	98.505	0.	116.5	229.25	278.7
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	82	8.5	29.061	165.	0.	1621.564	40.269	2.	4.	35.5	102.1
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/25/75-08/18/76	4	0.085	0.083	0.1	0.06	0.	0.017	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00										4	0	0.00
00400	PH	Marine Chronic	8.5	10	0	0.00										10	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00										10	0	0.00

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	59	0.	53.153	196.	0.	5374.649	73.312	0.	0.	131.	196.
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	42	30.45	24.343	32.9	3.	145.107	12.046	3.1	23.375	31.	32.2
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	45	12.	47.133	278.	0.	5831.073	76.361	2.6	6.5	38.	140.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	59	350.	316.712	493.	85.	15567.588	124.77	125.	198.	431.	493.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	59	1545.	1548.237	1900.	1045.	58957.15	242.811	1223.	1300.	1748.	1800.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	59	176.	160.915	354.	0.	11511.803	107.293	0.	97.	240.	301.
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	59	14.	31.729	165.	0.	1686.546	41.068	1.	4.	38.	103.

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	23	65.	85.217	196.	0.	5999.269	77.455	0.	0.	131.	196.
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	19	3.2	7.637	31.8	2.9	115.565	10.75	3.	3.	3.2	31.8
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	19	2.	6.158	23.	0.	66.807	8.174	0.	1.	8.	23.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	23	383.	337.87	415.	89.	11053.755	105.137	89.	330.	415.	415.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	23	1720.	1629.739	1830.	1100.	48545.929	220.331	1100.	1638.	1720.	1830.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	23	204.	178.696	244.	15.	5138.13	71.681	33.6	173.	221.	237.2
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	23	5.	22.217	115.	3.	1455.905	38.156	3.	4.	8.	104.8

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

Station Inventory for Station: OLYM0130

NPS Station ID: OLYM0130
LAT/LON: 48.137782/-123.450005
Agency: UNIVWASH
Date Created: / /
Location: I-10
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA16
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 180
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 6.240
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/26/63-06/26/63	6	24.	36.167	98.	0.	1459.367	38.202	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/63-06/26/63	6	9.05	8.933	9.4	8.2	0.207	0.455	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/26/63-06/26/63	6	6.35	5.967	6.4	4.9	0.427	0.653	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	06/26/63-06/26/63	6	31.95	32.05	32.7	31.7	0.159	0.399	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/26/63-06/26/63	6	19.5	24.167	51.	2.	528.567	22.991	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0130

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	6	0	0.00							6	0	0.00			

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

Station Inventory for Station: OLYM0131

NPS Station ID: OLYM0131
LAT/LON: 48.131670/-123.451671
Agency: UNIVWASH
Date Created: / /
Location: N-26
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA40
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 59
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 6.930
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/03/63-02/03/63	4	24.	24.25	49.	0.	442.917	21.046	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/63-02/03/63	4	7.15	7.175	7.4	7.	0.043	0.206	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/03/63-02/03/63	4	5.6	5.55	5.9	5.1	0.17	0.412	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	02/03/63-02/03/63	4	32.05	32.05	32.6	31.5	0.217	0.465	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	02/03/63-02/03/63	4	25.	20.75	28.	5.	112.917	10.626	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0131

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	4	0	0.00				4	0	0.00						

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

Station Inventory for Station: OLYM0132

NPS Station ID: OLYM0132
LAT/LON: 48.125005/-123.453616
Agency: 1119C050
Date Created: / /
Location: WEST TIP OF PIER N
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /AMBNT/OCEAN
STORET Station ID(s): 543427
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND-PORT ANGELES M ARINA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	1	29.	29.	29.	29.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/12/73-09/12/73	1	1.462	1.462	1.462	1.462	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.								

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

EPA Water Quality Criteria Analysis for Station: OLYM0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0133

NPS Station ID: OLYM0133
LAT/LON: 48.125005/-123.453616
Agency: 1119C050
Date Created: / /
Location: CONTROL 2,OUTSIDE EDIZ HOOK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /AMBNT/OCEAN
STORET Station ID(s): 543426
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND-PORT ANGELES M ARINA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/12/73-09/12/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: OLYM0133

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0134

NPS Station ID: OLYM0134
LAT/LON: 48.125005/-123.453616
Agency: 1119C050
Date Created: / /
Location: END OF PIER C, OPPOSITE CONTROL
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /AMBNT/OCEAN
STORET Station ID(s): 543424
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND-PORT ANGELES M ARINA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	1	670.	670.	670.	670.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/12/73-09/12/73	1	2.826	2.826	2.826	2.826	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			670.								

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

EPA Water Quality Criteria Analysis for Station: OLYM0134

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0135

NPS Station ID: OLYM0135
LAT/LON: 48.125005/-123.453616
Agency: 1119C050
Date Created: / /
Location: CONTROL 1, INSIDE EDIZ HOOK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /AMBNT/OCEAN
STORET Station ID(s): 543425
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND-PORT ANGELES M ARINA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/12/73-09/12/73	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			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: OLYM0135

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0136

NPS Station ID: OLYM0136
LAT/LON: 48.125005/-123.453616
Agency: 1119C050
Date Created: / /
Location: PIER E,TIP OF H,NE CORNER
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /AMBNT/OCEAN
STORET Station ID(s): 543423
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND-PORT ANGELES M ARINA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 7.070
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/12/73-09/12/73	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2400.								

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

EPA Water Quality Criteria Analysis for Station: OLYM0136

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00

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

Station Inventory for Station: OLYM0137

NPS Station ID: OLYM0137
Location: PIER, CENTER BERTH
Station Type: /AMBNT/OCEAN
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin: PACIFIC NORTHWEST
Minor Basin: PUGET SOUND-PORT ANGELES M ARINA
RF1 Index: 17110020026
RF3 Index:
Description:

LAT/LON: 48.125005/-123.453616
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 7.070
RF3 Mile Point: 0.00

Agency: 1119C050
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 543428
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

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

Parameter Inventory for Station: OLYM0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/12/73-09/12/73	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/12/73-09/12/73	1	25.	25.	25.	25.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/12/73-09/12/73	1	1.398	1.398	1.398	1.398	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25.								

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

EPA Water Quality Criteria Analysis for Station: OLYM0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0138

NPS Station ID: OLYM0138
LAT/LON: 48.130282/-123.454449
Agency: UNIVWASH
Date Created: / /
Location: N-28
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA65
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 32
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 6.930
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-01/09/64	24	11.	13.5	32.	0.	153.13	12.375	0.	1.5	28.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-01/09/64	24	9.45	9.383	11.2	8.2	0.624	0.79	8.25	8.65	9.775	10.55
00300	OXYGEN, DISSOLVED MG/L	04/17/63-01/09/64	24	7.25	7.113	8.9	4.1	2.286	1.512	4.35	6.4	8.5	8.75
00480	SALINITY - PARTS PER THOUSAND	04/17/63-01/09/64	24	30.15	30.392	32.2	29.3	0.794	0.891	29.45	29.625	31.025	31.9
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-01/09/64	24	26.	52.458	184.	7.	2708.868	52.047	10.	17.	81.25	150.

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

EPA Water Quality Criteria Analysis for Station: OLYM0138

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	24	0	0.00				8	0	0.00	12	0	0.00	4	0	0.00

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

Station Inventory for Station: OLYM0139

NPS Station ID: OLYM0139
LAT/LON: 48.129726/-123.454449
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 15
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543038 /P15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 6.930
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	12	11.5	14.	33.	0.	166.364	12.898	0.	1.75	28.75	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	8	8.9	9.012	10.	8.4	0.353	0.594	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	8	0.4	0.425	0.6	0.3	0.011	0.104	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	8	46150.	46262.5	47000.	45500.	234107.143	483.846	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	12	6.	6.733	8.5	5.6	1.548	1.244	5.66	5.825	8.4	8.5
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.6	7.558	7.7	7.3	0.019	0.138	7.3	7.5	7.675	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.6	7.536	7.7	7.3	0.02	0.14	7.3	7.5	7.675	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	12	0.025	0.029	0.05	0.02	0.	0.011	0.02	0.021	0.032	0.05
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	4	32.15	31.875	32.2	31.	0.343	0.585	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	12	20.5	27.417	72.	3.	497.72	22.31	5.1	12.	35.75	70.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	20.	18.333	30.	5.	158.333	12.583	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	1.301	1.159	1.477	0.699	0.167	0.408	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14.422								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	8	30.25	30.338	30.9	29.7	0.134	0.366	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0139

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	4	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	4	0	0.00				8	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	4	0	0.00				8	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00				8	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0140

NPS Station ID: OLYM0140
LAT/LON: 48.131670/-123.455003
Agency: UNIVWASH
Date Created: / /
Location: M-27
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDFA41
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 52
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 6.680
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/62-08/30/63	15	16.	14.467	39.	0.	184.695	13.59	0.	0.	32.	34.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/62-08/30/63	15	11.1	10.82	12.5	9.1	1.197	1.094	9.16	9.5	11.6	12.26
00300	OXYGEN, DISSOLVED MG/L	09/09/62-08/30/63	15	6.7	6.533	6.9	5.1	0.252	0.502	5.52	6.4	6.9	6.9
00480	SALINITY - PARTS PER THOUSAND	09/09/62-08/30/63	15	31.3	31.32	32.1	30.8	0.155	0.393	30.86	30.9	31.6	31.98
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	09/09/62-08/30/63	15	13.	19.933	43.	5.	234.638	15.318	6.2	7.	40.	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: OLYM0140

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	15	0	0.00							8	0	0.00	7	0	0.00

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

Station Inventory for Station: OLYM0141

NPS Station ID: OLYM0141 | LAT/LON: 48.130003/-123.455003 | Agency: UNIVWASH | Date Created: / /
Location: N-27 | | FIPS State/County: 53000 WASHINGTON/ |
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA67 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 17110020 | Depth of Water: 39 | Aquifer: |
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id: |
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region: |
RF1 Index: 17110020026 | RF1 Mile Point: 6.930 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description: | | | |

Parameter Inventory for Station: OLYM0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/29/63-10/29/63	4	11.	13.5	32.	0.	195.667	13.988	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/29/63-10/29/63	4	12.4	12.35	12.6	12.	0.07	0.265	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/29/63-10/29/63	4	6.25	6.175	6.4	5.8	0.069	0.263	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	10/29/63-10/29/63	4	30.7	30.7	31.1	30.3	0.113	0.337	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	10/29/63-10/29/63	4	99.	142.25	362.	9.	24126.25	155.326	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0141

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: OLYM0142

NPS Station ID: OLYM0142
LAT/LON: 48.145003/-123.455559
Agency: 10EPACOP
Date Created: 04/21/79
Location: BACH, EAST
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 31026A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 CROWN-ZELLER
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 6.100
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
OFF CROWN ZELLERBACH CORP., INSHORE -EAST

Parameter Inventory for Station: OLYM0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/27/74-08/27/74	8	98.	98.	196.	0.	6110.286	78.168	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/74-08/27/74	4	9.95	9.9	10.3	9.4	0.14	0.374	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/27/74-08/27/74	4	3.2	3.175	3.2	3.1	0.003	0.05	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	08/27/74-08/27/74	4	3.	4.75	13.	0.	38.25	6.185	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	08/27/74-08/27/74	8	525.	525.	525.	525.	0.	0.	**	**	**	**
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	08/27/74-08/27/74	8	1720.	1720.	1720.	1720.	0.	0.	**	**	**	**
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	08/27/74-08/27/74	8	237.	237.	237.	237.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	08/27/74-08/27/74	8	240.5	223.5	268.	144.	2144.	46.303	**	**	**	**
71096	ABNORMAL BIVALVE MULLOSC LARVAE	08/27/74-08/27/74	8	2.	13.875	58.	1.	516.411	22.725	**	**	**	**

** - Less than 9 observations ## - 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: OLYM0143

NPS Station ID: OLYM0143 | LAT/LON: 48.136670/-123.455559 | Agency: UNIVWASH | Date Created: / /
Location: J-27 | | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | | STORET Station ID(s): JDFA17
RMI-Indexes: | | Within Park Boundary: No
RMI-Miles:
HUC: 17110020 | Depth of Water: 91 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PORT ANGELES- STRAIT OF JUAN DE FUCA | | ECO Region:
RF1 Index: 17110020026 | RF1 Mile Point: 6.240 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/17/63-01/09/64	41	16.	20.585	65.	0.	404.299	20.107	0.	6.	32.	61.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/17/63-01/09/64	41	9.5	9.893	12.8	8.1	1.513	1.23	8.36	9.1	10.65	11.88
00300	OXYGEN, DISSOLVED MG/L	04/17/63-01/09/64	41	6.9	7.127	9.	4.3	1.796	1.34	5.02	6.3	8.5	8.88
00480	SALINITY - PARTS PER THOUSAND	04/17/63-01/09/64	41	30.7	30.644	32.5	29.6	0.766	0.875	29.7	29.7	31.3	32.06
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	04/17/63-01/09/64	41	22.	22.195	61.	3.	192.711	13.882	4.6	10.	29.5	40.8

** - 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: OLYM0143

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	41	0	0.00	4	0	0.00	9	0	0.00	20	0	0.00	8	0	0.00

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

Station Inventory for Station: OLYM0144

NPS Station ID: OLYM0144 LAT/LON: 48.130282/-123.456116 Agency: 21540000 Date Created: / /
Location: PORT ANGELES HRB AT FIBREBD MILL FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): PAH004
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PUGET SOUND (ELWHA DUNGENESS-18) ECO Region:
RF1 Index: 17110020026 RF1 Mile Point: 6.790 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED IN PORT ANGELES HARBOR DIRECTLY IN FRONT OF THE FIBREBOARD MILL AT A POINT NORTHWEST OF THE FIBREBOARD STACK 100 YARDS OUT FROM THE PIER
SOUTHWEST REGION 7.5 QUAD- EDIZ HOOK
15 QUAD- PORT ANGELES

Parameter Inventory for Station: OLYM0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-09/16/70	52	10.5	10.5	20.	1.	92.02	9.593	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-09/16/70	52	9.75	9.652	15.3	5.1	3.581	1.892	7.32	8.625	10.675	11.87
00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	24	764.	761.5	777.	682.	312.696	17.683	755.	762.	768.75	771.
00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	26	6.	6.615	16.	0.	18.246	4.272	2.	3.	10.	15.
00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	26	4.85	4.873	9.4	0.3	4.328	2.08	1.94	3.275	6.7	7.22
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-09/16/70	49	2.	3.32	15.	0.	9.043	3.007	1.	1.	4.	9.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-02/25/69	14	37.	36.643	39.	34.	2.247	1.499	34.5	35.	37.25	39.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-09/16/70	50	7.1	6.936	12.1	2.9	3.68	1.918	4.21	5.9	7.75	9.59
00400	PH (STANDARD UNITS)	09/27/67-09/16/70	51	7.7	7.655	8.2	5.9	0.129	0.359	7.32	7.5	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-09/16/70	51	7.7	7.31	8.2	5.9	0.25	0.5	7.32	7.5	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-09/16/70	51	0.02	0.049	1.259	0.006	0.03	0.174	0.008	0.016	0.032	0.048
00480	SALINITY - PARTS PER THOUSAND	09/27/67-09/16/70	52	29.7	29.456	35.5	24.5	5.137	2.266	27.03	28.	30.5	31.24
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	48	22.	62.75	726.	0.	13563.809	116.464	8.9	15.	61.	168.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	25	40.	92.56	900.	1.	33155.173	182.086	3.8	12.5	92.	220.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/27/67-09/16/70	25	1.602	1.523	2.954	0.	0.452	0.673	0.54	1.094	1.964	2.3
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			33.361								

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0144

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	49	0	0.00	4	0	0.00	17	0	0.00	20	0	0.00	8	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	50	3	0.06	4	0	0.00	18	0	0.00	18	0	0.00	10	3	0.30
00400	PH	Marine Chronic	8.5	51	0	0.00	4	0	0.00	17	0	0.00	20	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	51	1	0.02	4	0	0.00	17	0	0.00	20	0	0.00	10	1	0.10
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	25	0	0.00	2	0	0.00	9	0	0.00	9	0	0.00	5	0	0.00

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

Station Inventory for Station: OLYM0145

NPS Station ID: OLYM0145
LAT/LON: 48.135559/-123.456392
Agency: 1119C050
Date Created: / /
Location: PORT ANGELES STA 17
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 543040 /P17
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND BASIN
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 6.480
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/23/70-11/01/72	12	11.5	14.	33.	0.	166.364	12.898	0.	1.75	28.75	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/04/72-11/01/72	8	8.8	8.975	10.5	8.	0.828	0.91	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/04/72-11/01/72	8	0.5	0.55	1.	0.3	0.06	0.245	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/04/72-11/01/72	8	46000.	46012.5	46200.	45800.	18392.857	135.62	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/70-11/01/72	12	6.4	6.85	8.9	5.3	1.455	1.206	5.45	5.875	8.1	8.81
00400	PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.6	7.55	7.8	7.3	0.021	0.145	7.3	7.5	7.6	7.77
00400	CONVERTED PH (STANDARD UNITS)	07/23/70-11/01/72	12	7.6	7.527	7.8	7.3	0.021	0.147	7.3	7.5	7.6	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/70-11/01/72	12	0.025	0.03	0.05	0.016	0.	0.011	0.017	0.025	0.032	0.05
00480	SALINITY - PARTS PER THOUSAND	07/23/70-07/23/70	4	32.1	32.1	32.1	32.1	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	07/23/70-11/01/72	12	21.	33.333	110.	8.	976.97	31.257	8.	8.75	48.75	98.3
31201	INVALID PARAMETER	05/04/72-05/04/72	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/70-11/01/72	3	30.	28.667	50.	6.	485.333	22.03	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/70-11/01/72	3	1.477	1.318	1.699	0.778	0.231	0.481	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.801								
70305	SALINITY BASED ON CONDUCTIVITY	05/04/72-11/01/72	8	30.2	30.075	30.3	29.1	0.159	0.399	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	8	0	0.00	4	0	0.00				4	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	4	0	0.00				8	0	0.00			
00400	PH	Marine Chronic	8.5	12	0	0.00	4	0	0.00				8	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00				8	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				2	0	0.00			

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

Station Inventory for Station: OLYM0146

NPS Station ID: OLYM0146 LAT/LON: 48.135003/-123.459448 Agency: 21540000 Date Created: / /
Location: PT ANGELES HBR AT EDIZ HOOK HEAD FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): PAH003
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PUGET SOUND (ELWHA DUNGENESS-18) ECO Region:
RF1 Index: 17110020026 RF1 Mile Point: 6.480 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED IN PORT ANGELES HARBOR AT THE HEAD OF EDIZ HOOK AT RIGHT ANGLES WITH THE PIER AND THE TALLEST STACK AT CROWN ZELLERBACH, 100 YARDS DUE SOUTH OF THE MILL SOUTHWEST REGION
7.5 QUAD- EDIZ HOOK 15 QUAD- PORT ANGELES

Parameter Inventory for Station: OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	260	10.5	15.069	33.	0.	234.52	15.314	0.	0.	32.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	251	10.	9.876	14.	5.	2.054	1.433	8.	9.	11.	11.5
00025	BAROMETRIC PRESSURE (MM OF HG)	09/27/67-09/16/70	24	764.	761.917	777.	682.	325.21	18.034	755.	760.25	769.75	775.
00035	WIND VELOCITY (MILES PER HOUR)	09/27/67-09/16/70	26	6.	6.269	15.	0.	11.485	3.389	1.7	4.	8.	10.6
00065	STAGE, STREAM (FEET)	09/27/67-09/16/70	26	5.1	4.854	9.4	0.3	4.391	2.096	1.84	3.275	6.55	7.13
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	233	1.	1.796	15.	0.	2.272	1.507	1.	1.	2.	3.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/77-11/09/87	69	6.5	6.607	15.	3.	5.063	2.25	4.	5.	8.	9.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	222	40050.	37404.113	53000.	34.	134823360.544	11611.346	27510.	33700.	45425.	47670.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	234	7.7	7.75	12.9	4.1	3.333	1.826	5.3	6.6	8.9	10.25
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	113	87.3	87.334	138.9	47.2	341.092	18.469	63.02	75.5	97.95	110.96
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	258	7.8	7.803	8.8	6.8	0.068	0.26	7.5	7.7	7.9	8.1
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	258	7.8	7.715	8.8	6.8	0.076	0.275	7.5	7.7	7.9	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	258	0.016	0.019	0.158	0.002	0.	0.017	0.008	0.013	0.02	0.032
00480	SALINITY - PARTS PER THOUSAND	09/27/67-11/09/87	66	30.1	29.968	35.4	24.7	4.406	2.099	27.61	28.75	31.	32.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	194	0.02	0.029	0.24	0.	0.001	0.038	0.005	0.01	0.03	0.075
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	198	0.005	0.006	0.17	0.	0.	0.012	0.	0.	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	190	0.28	0.259	0.51	0.01	0.011	0.104	0.12	0.2	0.33	0.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/12/87-11/09/87	4	0.365	0.365	0.39	0.34	0.001	0.024	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	190	0.06	0.062	0.12	0.005	0.	0.021	0.04	0.05	0.07	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	186	0.04	0.044	0.31	0.	0.001	0.033	0.02	0.03	0.06	0.063
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	222	5.	13.223	525.	0.	1977.39	44.468	0.	0.	10.	22.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/27/67-09/16/70	26	39.	68.5	340.	2.	8464.02	92.	3.4	15.	61.25	286.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/27/67-09/16/70	26	1.591	1.508	2.531	0.301	0.355	0.596	0.512	1.176	1.787	2.456
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			32.207								
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	08/15/73-09/13/77	49	4.	35.173	500.	0.5	9198.027	95.906	1.	2.	17.	76.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	08/15/73-09/13/77	49	0.602	0.829	2.699	-0.301	0.532	0.729	0.	0.301	1.224	1.881
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			6.75								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	104 ##	1.	5.087	96.	0.5	165.74	12.874	0.5	0.5	2.	10.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	104 ##	0.	0.161	1.982	-0.301	0.327	0.572	-0.301	-0.301	0.301	1.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.448								
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	06/13/77-06/13/77	1	9.37	9.37	9.37	9.37	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70305	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	192	31.4	31.304	33.1	23.	1.283	1.133	30.4	31.	31.9	32.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/13/86-11/09/87	12	0.07	0.075	0.1	0.06	0.	0.012	0.06	0.07	0.08	0.097
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/11/86-11/09/87	18 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

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

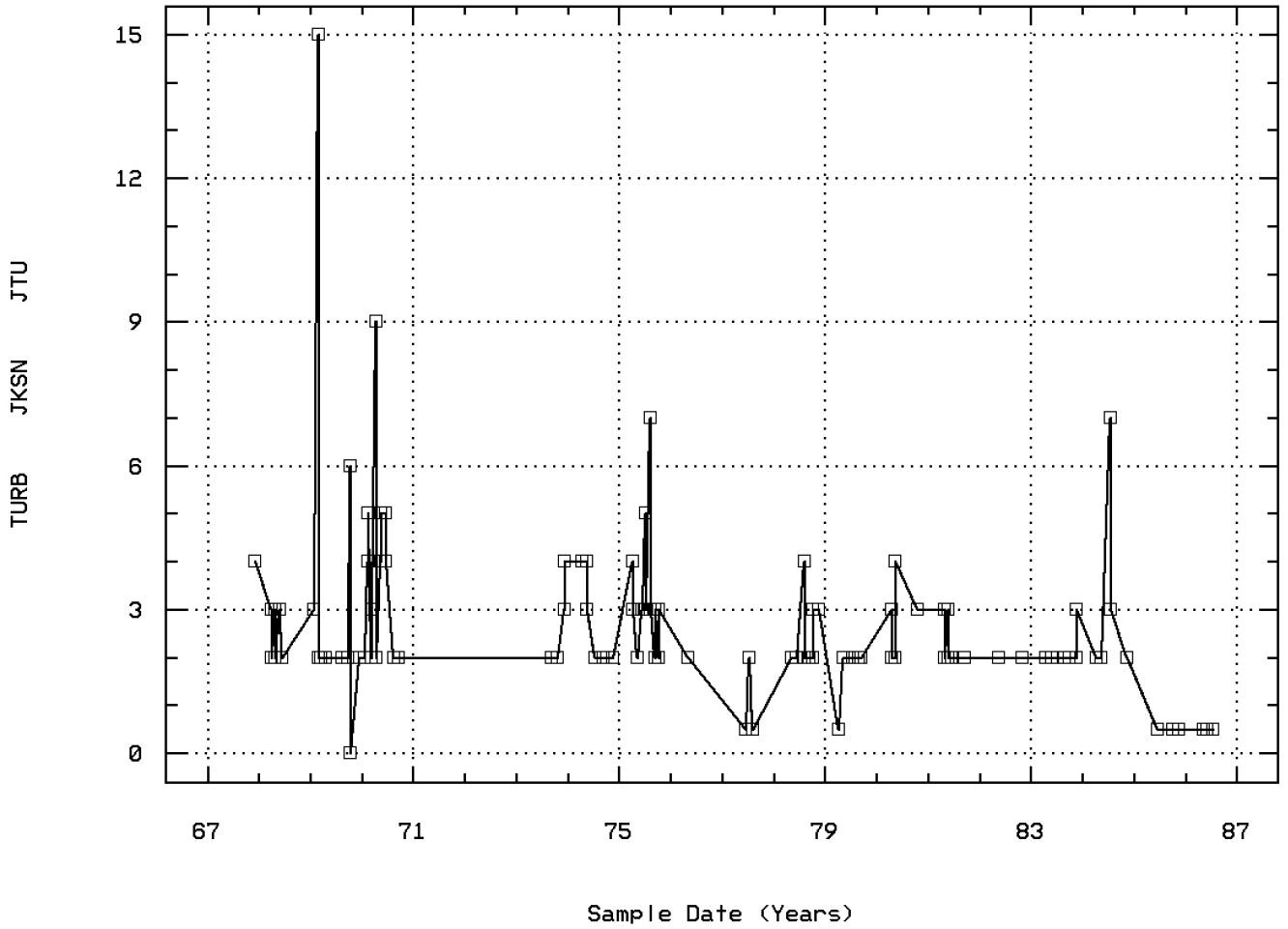
EPA Water Quality Criteria Analysis for Station: OLYM0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	233	0	0.00	48	0	0.00	19	0	0.00	114	0	0.00	52	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	234	0	0.00	48	0	0.00	20	0	0.00	108	0	0.00	58	0	0.00
00400	PH	Marine Chronic	8.5	258	4	0.02	54	0	0.00	19	0	0.00	121	3	0.02	64	1	0.02
		Other-Lo Lim.	6.5	258	0	0.00	54	0	0.00	19	0	0.00	121	0	0.00	64	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	26	0	0.00	2	0	0.00	9	0	0.00	10	0	0.00	5	0	0.00
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	49	0	0.00	10	0	0.00	2	0	0.00	23	0	0.00	14	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	104	0	0.00	22	0	0.00	2	0	0.00	54	0	0.00	26	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	18	0	0.00	6	0	0.00				6	0	0.00	6	0	0.00

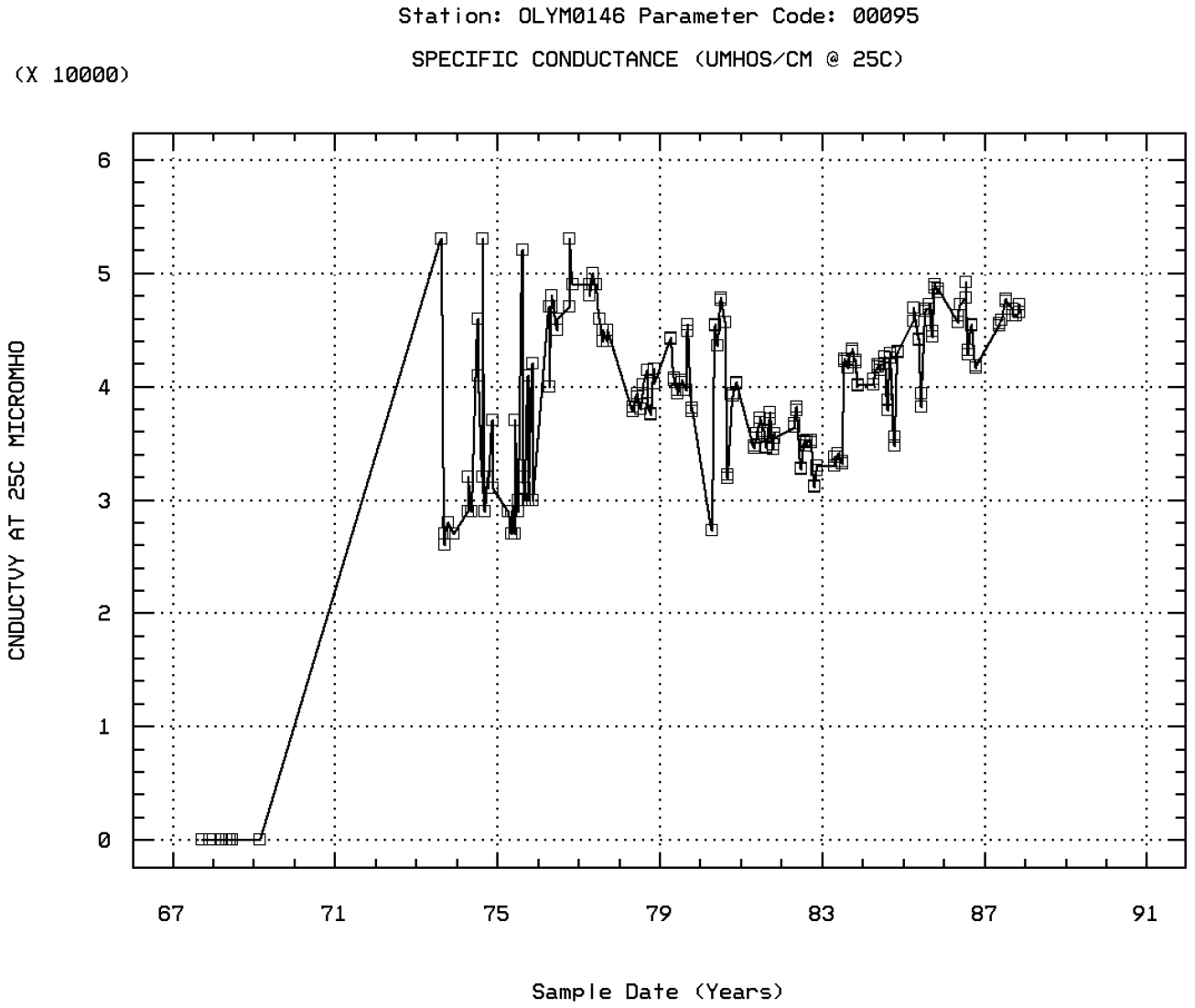
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: OLYM0146 Parameter Code: 00070

TURBIDITY, (JACKSON CANDLE UNITS)



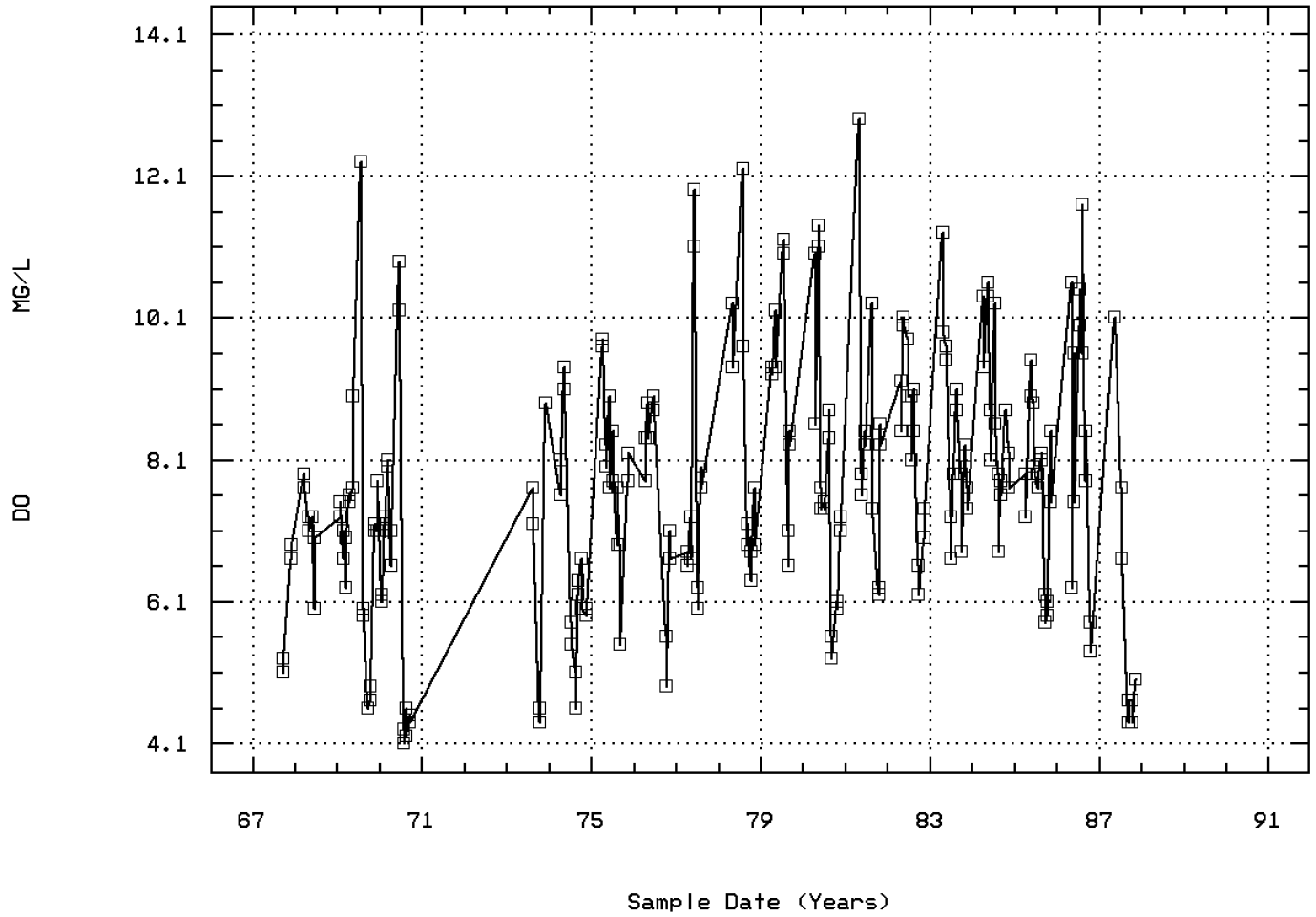
PT ANGELES HBR AT EDIZ HOOK HEAD



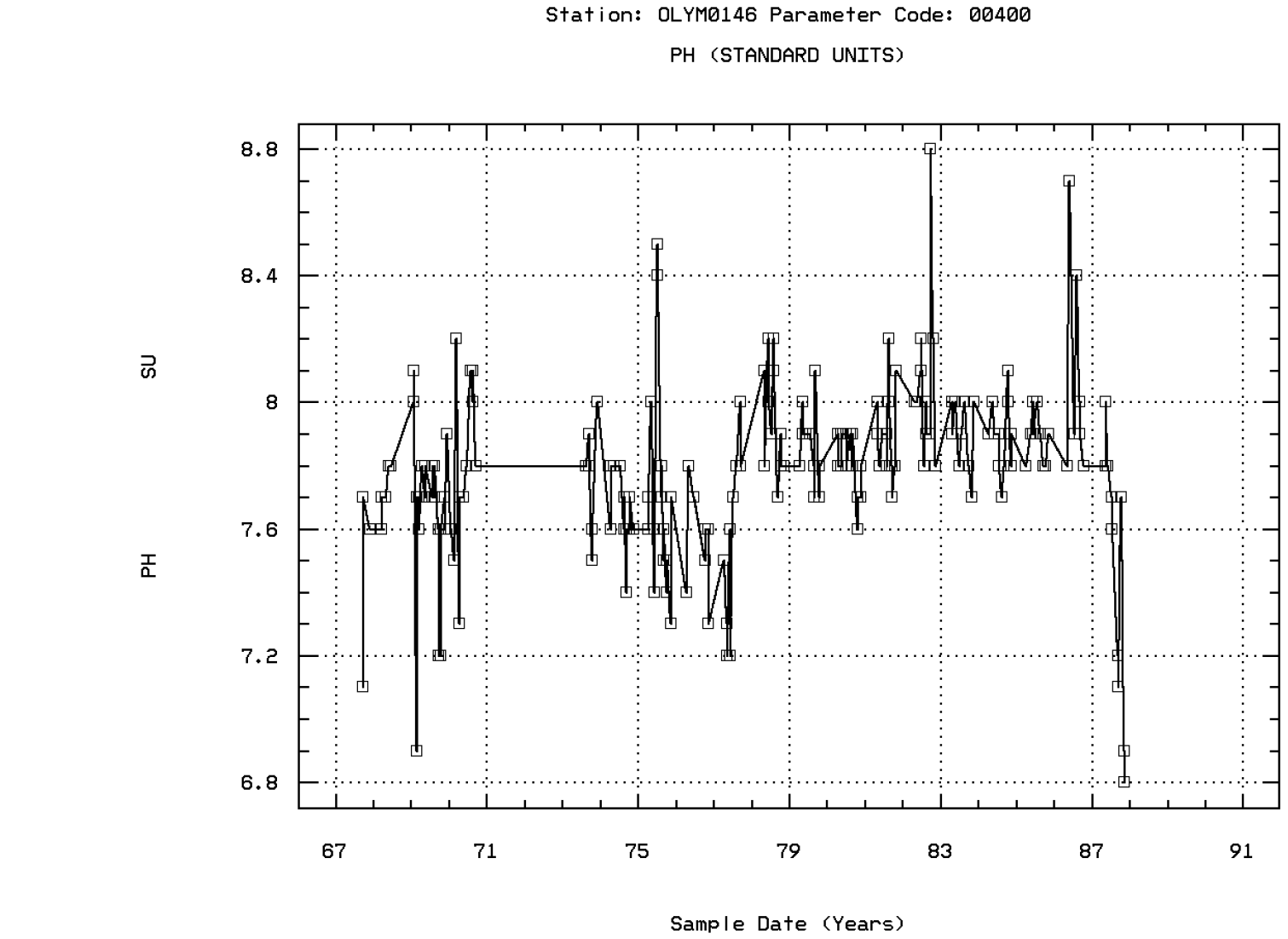
PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 00300

OXYGEN, DISSOLVED



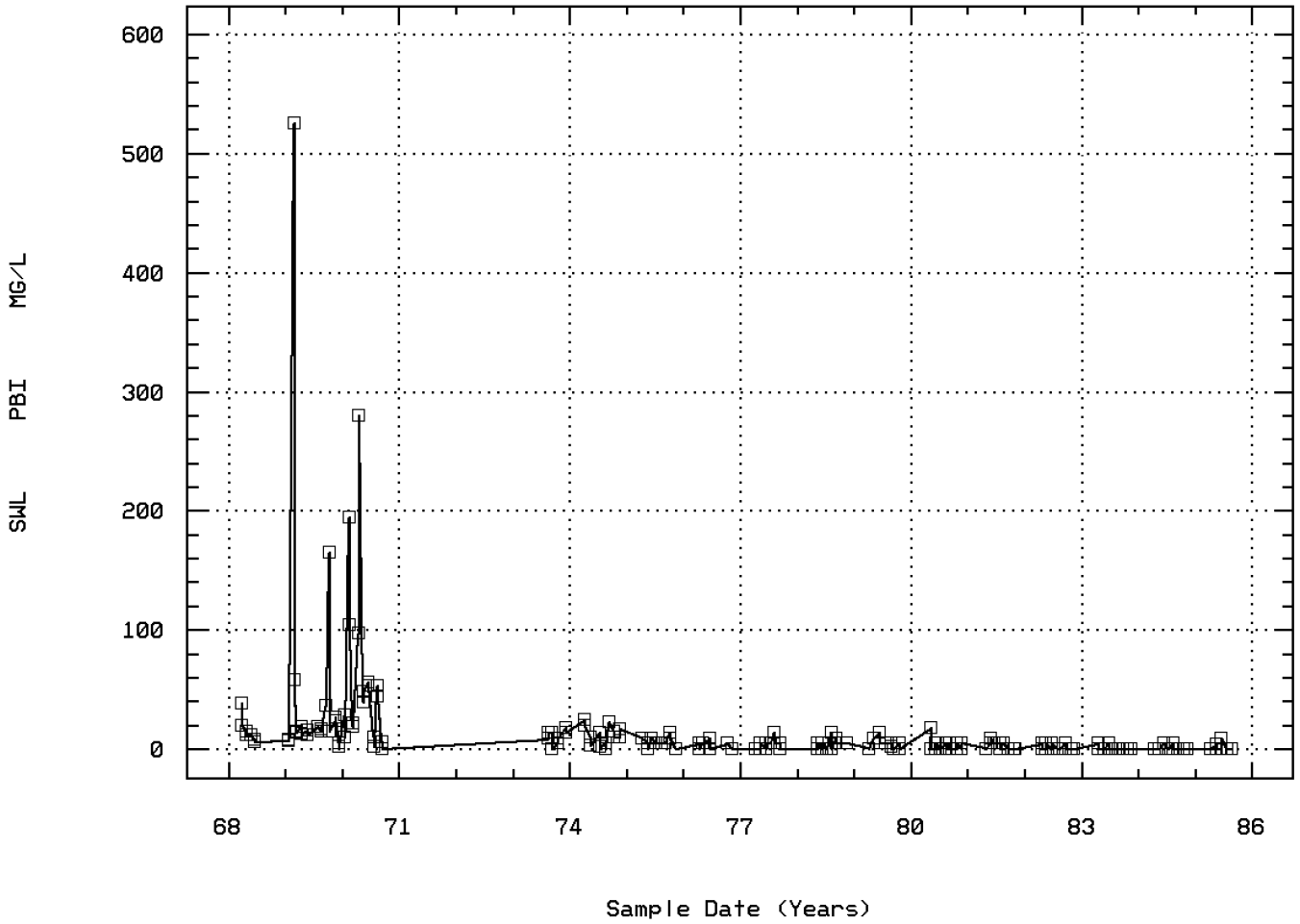
PT ANGELES HBR AT EDIZ HOOK HEAD



PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 00760

SULFITE WASTE LIQUOR, PEARL BENSON INDE



PT ANGELES HBR AT EDIZ HOOK HEAD

Annual Analysis for 1967 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	4	10.5	10.5	20.	1.	120.333	10.97	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	4	9.	9.25	11.4	7.6	3.45	1.857	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	4	37.5	37.5	38.	37.	0.333	0.577	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	4	6.	6.	6.9	5.1	0.867	0.931	**	**	**	**
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	3	7.6	7.467	7.7	7.1	0.103	0.321	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	3	7.6	7.382	7.7	7.1	0.114	0.338	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	3	0.025	0.042	0.079	0.02	0.001	0.033	**	**	**	**

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

Annual Analysis for 1968 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	8	10.5	10.5	20.	1.	103.143	10.156	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	8	9.35	9.325	10.8	7.8	1.282	1.132	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	8	2.5	2.5	3.	2.	0.286	0.535	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	8	37.	36.75	39.	34.	3.357	1.832	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	8	7.3	7.2	7.9	6.	0.323	0.568	**	**	**	**
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	8	7.75	7.737	7.8	7.6	0.006	0.074	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	8	7.747	7.732	7.8	7.6	0.006	0.075	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	8	0.018	0.019	0.025	0.016	0.	0.003	**	**	**	**
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	8	12.	15.375	38.	6.	101.411	10.07	**	**	**	**

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

Annual Analysis for 1969 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	22	10.5	10.5	20.	1.	94.548	9.724	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	22	10.3	9.227	12.5	5.	5.522	2.35	5.43	6.975	10.825	11.89
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	22	1.	2.227	15.	0.	9.517	3.085	1.	1.	2.	5.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	2	34.5	34.5	35.	34.	0.5	0.707	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	22	7.1	7.191	12.3	4.6	4.073	2.018	4.63	5.975	7.625	11.31
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	22	7.7	7.673	8.1	6.9	0.074	0.271	7.2	7.6	7.8	7.97
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	22	7.7	7.568	8.1	6.9	0.085	0.291	7.2	7.6	7.8	7.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	22	0.02	0.027	0.126	0.008	0.001	0.026	0.011	0.016	0.025	0.063
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	22	16.5	48.5	525.	2.	12443.595	111.551	5.6	12.75	29.25	132.9

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

Annual Analysis for 1970 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	18	10.5	10.5	20.	1.	95.559	9.775	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	18	9.6	9.561	11.1	8.1	0.611	0.782	8.64	8.875	10.125	10.74
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	18	2.	3.111	9.	1.	4.105	2.026	1.	2.	4.25	5.4
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	16	6.4	6.488	10.9	4.1	4.501	2.122	4.17	4.425	7.825	10.41
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	18	7.8	7.806	8.2	7.3	0.069	0.262	7.48	7.6	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	18	7.8	7.732	8.2	7.3	0.074	0.273	7.48	7.6	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	18	0.016	0.019	0.05	0.006	0.	0.011	0.006	0.008	0.025	0.033
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	18	41.5	59.222	280.	0.	5268.889	72.587	1.8	10.	66.25	202.6

** - 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 1973 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	8	16.5	16.5	33.	0.	311.143	17.639	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	8	9.55	9.763	11.	8.8	0.551	0.742	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	8	2.	2.125	4.	1.	0.982	0.991	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	8	27500.	33625.	53000.	26000.	143410714.286	11975.421	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	6	7.45	6.95	8.9	4.4	4.051	2.013	**	**	**	**
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	8	7.8	7.8	8.	7.5	0.031	0.177	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	8	7.8	7.767	8.	7.5	0.033	0.181	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	8	0.016	0.017	0.032	0.01	0.	0.008	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	8	0.04	0.051	0.1	0.03	0.001	0.025	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	8	0.01	0.008	0.01	0.	0.	0.005	**	**	**	**
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	8	0.18	0.2	0.42	0.02	0.025	0.157	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	8	0.035	0.036	0.07	0.01	0.001	0.026	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	8	0.03	0.023	0.04	0.	0.	0.02	**	**	**	**
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	8	11.5	10.375	18.	0.	33.982	5.829	**	**	**	**
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	6	30.05	30.767	32.7	29.5	2.063	1.436	**	**	**	**

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

Annual Analysis for 1974 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	14	16.5	16.5	33.	0.	293.192	17.123	0.	0.	33.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	14	9.7	9.614	12.	7.8	1.686	1.298	7.9	8.425	10.7	11.5
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	14	2.	2.071	4.	1.	1.456	1.207	1.	1.	3.25	4.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	14	31500.	34285.714	53000.	29000.	55142857.143	7425.824	29000.	29000.	38000.	49500.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	14	6.1	6.6	9.4	4.6	2.066	1.437	4.85	5.725	7.725	9.25
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	14	7.65	7.671	7.8	7.4	0.015	0.12	7.5	7.6	7.8	7.8
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	14	7.647	7.655	7.8	7.4	0.015	0.122	7.5	7.6	7.8	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	14	0.023	0.022	0.04	0.016	0.	0.007	0.016	0.016	0.025	0.032
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	12	0.	0.01	0.03	0.	0.	0.015	0.	0.	0.03	0.03
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	12	0.	0.003	0.01	0.	0.	0.005	0.	0.	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	12	0.315	0.295	0.44	0.03	0.015	0.121	0.063	0.223	0.37	0.44
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	12	0.035	0.039	0.1	0.02	0.001	0.023	0.02	0.02	0.05	0.085
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	12	0.	0.013	0.08	0.	0.001	0.024	0.	0.	0.028	0.065
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	14	12.	12.643	25.	0.	68.709	8.289	1.	4.5	20.75	24.
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	14	31.05	30.343	33.	23.	9.136	3.023	23.5	30.5	32.05	33.

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

Annual Analysis for 1975 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	16	16.5	16.5	33.	0.	290.4	17.041	0.	0.	33.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	16	9.	9.1	11.	7.2	1.196	1.094	7.69	8.05	9.725	10.93
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	16	3.	2.813	7.	1.	2.429	1.559	1.	2.	3.	5.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	16	30000.	32875.	52000.	27000.	46516666.667	6820.313	27000.	29000.	36000.	45000.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	14	7.9	7.986	9.8	5.5	1.264	1.124	6.2	7.5	8.625	9.75
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.65	7.731	8.5	7.3	0.117	0.342	7.37	7.5	7.95	8.43
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.647	7.635	8.5	7.3	0.127	0.356	7.37	7.5	7.95	8.43
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	16	0.023	0.023	0.05	0.003	0.	0.013	0.004	0.011	0.032	0.043
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	16	0.02	0.018	0.04	0.	0.	0.015	0.	0.	0.03	0.033
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	16	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	16	0.3	0.291	0.47	0.06	0.017	0.129	0.102	0.173	0.403	0.463
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	14	0.08	0.077	0.12	0.05	0.	0.021	0.05	0.06	0.09	0.115
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	16	0.04	0.046	0.08	0.02	0.	0.021	0.02	0.03	0.068	0.08

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

Annual Analysis for 1975 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	16	5.	5.875	14.	0.	14.917	3.862	0.	5.	9.	10.5
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	16	31.7	31.081	32.5	27.6	2.22	1.49	27.88	30.25	32.1	32.36

** - 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 OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	10	16.5	16.5	33.	0.	302.5	17.393	0.	0.	33.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	10	8.9	8.94	10.7	7.	1.454	1.206	7.07	7.85	10.05	10.65
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	10	1.	1.1	2.	1.	0.1	0.316	1.	1.	1.	1.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	10	47000.	47100.	53000.	40000.	10988888.889	3314.949	40500.	45750.	49000.	52600.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	10	8.1	7.56	9.	4.9	2.083	1.443	4.97	6.425	8.825	8.99
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	10	7.6	7.58	7.8	7.3	0.031	0.175	7.31	7.4	7.725	7.8
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	10	7.6	7.548	7.8	7.3	0.032	0.178	7.31	7.4	7.725	7.8
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	10	0.025	0.028	0.05	0.016	0.	0.012	0.016	0.019	0.04	0.049
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	10	0.05	0.059	0.12	0.02	0.001	0.036	0.02	0.035	0.083	0.12
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	10	0.	0.019	0.17	0.	0.003	0.053	0.	0.	0.01	0.154
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	10	0.28	0.291	0.38	0.13	0.006	0.077	0.142	0.25	0.363	0.379
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	10	0.075	0.079	0.1	0.06	0.	0.013	0.061	0.07	0.09	0.099
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	10	0.055	0.057	0.07	0.04	0.	0.011	0.041	0.05	0.07	0.07
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	10	5.	3.4	9.	0.	10.044	3.169	0.	0.	5.	8.6
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	10	30.95	31.	31.9	30.2	0.451	0.672	30.2	30.275	31.675	31.9

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

Annual Analysis for 1977 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	12	16.	16.	32.	0.	279.273	16.711	0.	0.	32.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	12	9.3	9.417	11.2	8.	1.423	1.193	8.	8.3	10.75	11.17
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	12	1.	1.	2.	0.5	0.136	0.369	0.5	1.	1.	1.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	12	47000.	47000.	50000.	44000.	4909090.909	2215.647	44000.	45000.	49000.	49700.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	10	7.05	7.84	11.9	6.	4.125	2.031	6.03	6.525	8.775	11.82
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	12	7.65	7.592	8.	7.2	0.066	0.257	7.2	7.35	7.8	7.94
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	12	7.647	7.52	8.	7.2	0.072	0.268	7.2	7.35	7.8	7.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	12	0.023	0.03	0.063	0.01	0.	0.019	0.012	0.016	0.045	0.063
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	10	0.09	0.1	0.21	0.03	0.004	0.059	0.031	0.07	0.118	0.209
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	12	0.31	0.307	0.38	0.17	0.005	0.07	0.182	0.253	0.368	0.38
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	10	0.07	0.07	0.08	0.05	0.	0.011	0.051	0.06	0.08	0.08
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	12	0.05	0.053	0.09	0.01	0.	0.022	0.016	0.043	0.07	0.087
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	12	5.	3.667	14.	0.	16.788	4.097	0.	0.	5.	11.3
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	12	31.4	31.467	32.2	30.6	0.406	0.637	30.66	30.825	32.1	32.2

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Annual Analysis for 1978 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	14	16.	16.	32.	0.	275.692	16.604	0.	0.	32.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	14	11.1	10.493	14.	7.2	4.498	2.121	7.25	8.375	12.2	13.35
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	14	2.	1.857	4.	1.	0.901	0.949	1.	1.	2.25	3.5

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Annual Analysis for 1978 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	14	38800.	39064.286	41500.	37500.	1842472.527	1357.377	37550.	37950.	40225.	41450.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	10	7.45	8.35	12.2	6.4	3.745	1.935	6.44	6.875	9.85	12.01
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	14	7.9	7.921	8.2	7.7	0.03	0.172	7.7	7.8	8.1	8.2
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	14	7.9	7.892	8.2	7.7	0.03	0.174	7.7	7.8	8.1	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	14	0.013	0.013	0.02	0.006	0.	0.005	0.006	0.008	0.016	0.02
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	14	0.01	0.014	0.03	0.	0.	0.012	0.	0.	0.023	0.03
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	14	0.	0.001	0.01	0.	0.	0.004	0.	0.	0.	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	14	0.295	0.264	0.51	0.01	0.02	0.143	0.025	0.165	0.32	0.49
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	14	0.06	0.064	0.09	0.04	0.	0.012	0.045	0.06	0.07	0.085
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	14	0.035	0.036	0.06	0.01	0.	0.019	0.01	0.018	0.06	0.06
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	12	5.	4.	14.	0.	19.091	4.369	0.	0.	5.	12.5
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	14	31.5	31.436	32.2	30.7	0.198	0.445	30.7	31.1	31.75	32.05

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Annual Analysis for 1979 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	14	16.	16.	32.	0.	275.692	16.604	0.	0.	32.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	12	10.15	10.108	13.	7.4	3.812	1.952	7.43	8.225	11.85	13.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	14	1.	1.286	2.	0.5	0.335	0.579	0.5	1.	2.	2.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	14	40500.	41121.429	45500.	37800.	6414120.879	2532.611	37950.	39625.	44225.	45200.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	10	9.35	9.1	11.2	6.6	2.3	1.517	6.65	8.	10.4	11.18
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	4	86.9	85.7	97.1	71.9	151.5	12.309	**	**	**	**
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	14	7.9	7.879	8.1	7.7	0.016	0.125	7.7	7.8	7.925	8.1
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	14	7.9	7.863	8.1	7.7	0.016	0.126	7.7	7.8	7.925	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	14	0.013	0.014	0.02	0.008	0.	0.004	0.008	0.012	0.016	0.02
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	14 ##	0.01	0.009	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	14 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	14	0.145	0.183	0.34	0.03	0.013	0.113	0.035	0.093	0.308	0.34
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	14	0.07	0.067	0.1	0.03	0.	0.021	0.035	0.048	0.083	0.095
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	14	0.05	0.045	0.06	0.02	0.	0.015	0.02	0.03	0.06	0.06
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	14	5.	4.25	14.	0.	18.183	4.264	0.	0.	6.	11.5
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	14	31.65	31.721	32.4	31.2	0.2	0.448	31.2	31.375	32.25	32.4

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Annual Analysis for 1980 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	16	16.	16.	32.	0.	273.067	16.525	0.	0.	32.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	16	10.05	10.081	12.	8.	0.992	0.996	8.63	9.5	10.9	11.37
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	16	1.	1.563	4.	1.	0.929	0.964	1.	1.	2.	3.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	16	42000.	40181.25	47800.	27300.	47910958.333	6921.774	27300.	33950.	45650.	47660.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	16	7.45	7.919	11.4	5.3	3.616	1.902	5.51	6.35	8.75	11.19
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	16	81.5	85.25	121.1	57.7	392.739	19.818	60.5	68.975	96.225	119.63
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.85	7.825	7.9	7.6	0.009	0.093	7.67	7.8	7.9	7.9
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.847	7.815	7.9	7.6	0.009	0.094	7.67	7.8	7.9	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	16	0.014	0.015	0.025	0.013	0.	0.004	0.013	0.013	0.016	0.022
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	16	0.02	0.023	0.04	0.01	0.	0.009	0.01	0.02	0.03	0.033
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	16 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	16	0.305	0.299	0.39	0.14	0.005	0.07	0.182	0.265	0.348	0.383
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	16	0.075	0.072	0.1	0.03	0.	0.019	0.044	0.06	0.09	0.093
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	16	0.05	0.043	0.07	0.01	0.	0.021	0.01	0.023	0.06	0.07
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	14	0.	3.071	18.	0.	24.379	4.938	0.	0.	5.	11.5

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Annual Analysis for 1980 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	16	31.4	31.369	31.7	30.8	0.06	0.244	30.94	31.225	31.575	31.7

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

Annual Analysis for 1981 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	16	16.	16.	32.	0.	273.067	16.525	0.	0.	32.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	14	10.1	10.036	12.2	7.	2.086	1.444	7.05	9.775	11.05	11.75
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	16	1.	1.563	3.	1.	0.529	0.727	1.	1.	2.	3.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	16	35650.	35706.25	37700.	34500.	1061958.333	1030.514	34570.	34725.	36600.	37350.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	12	8.3	8.767	12.9	6.2	4.882	2.21	6.23	7.45	9.875	12.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	12	91.35	94.358	138.9	67.4	558.137	23.625	67.58	76.25	102.375	138.87
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.9	7.906	8.2	7.7	0.019	0.139	7.77	7.8	8.	8.13
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.9	7.887	8.2	7.7	0.02	0.14	7.77	7.8	8.	8.13
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	16	0.013	0.013	0.02	0.006	0.	0.004	0.007	0.01	0.016	0.017
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	16	0.02	0.042	0.13	0.005	0.002	0.039	0.009	0.01	0.068	0.116
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	16 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	16	0.275	0.262	0.42	0.03	0.011	0.105	0.1	0.193	0.358	0.385
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	16	0.06	0.056	0.09	0.03	0.	0.017	0.03	0.043	0.068	0.083
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	16	0.04	0.039	0.06	0.02	0.	0.011	0.027	0.03	0.048	0.06
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	16	0.	2.438	9.	0.	9.063	3.01	0.	0.	5.	6.2
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	16	31.4	31.519	32.3	31.	0.124	0.353	31.07	31.3	31.7	32.23

** - 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

Annual Analysis for 1982 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	16	16.	16.	32.	0.	273.067	16.525	0.	0.	32.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	14	9.8	9.65	11.	8.1	0.692	0.832	8.3	8.9	10.2	10.8
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	16	1.	1.125	2.	1.	0.117	0.342	1.	1.	1.	2.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	16	35100.	34587.5	38200.	31100.	4706500.	2169.447	31170.	32725.	36125.	37990.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	14	8.75	8.464	10.1	6.2	1.566	1.251	6.4	7.3	9.35	10.05
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	14	93.7	90.664	108.3	66.2	189.152	13.753	68.7	77.	100.95	107.75
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	16	8.	8.031	8.8	7.8	0.062	0.25	7.8	7.825	8.175	8.38
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	16	8.	7.981	8.8	7.8	0.065	0.255	7.8	7.825	8.175	8.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	16	0.01	0.01	0.016	0.002	0.	0.004	0.005	0.007	0.015	0.016
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	16	0.025	0.04	0.2	0.01	0.002	0.047	0.01	0.013	0.048	0.116
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	16	0.01	0.01	0.01	0.005	0.	0.001	0.009	0.01	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	16	0.24	0.219	0.31	0.06	0.006	0.078	0.06	0.173	0.278	0.303
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	16	0.06	0.058	0.07	0.04	0.	0.009	0.047	0.05	0.068	0.07
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	16	0.035	0.039	0.06	0.03	0.	0.01	0.03	0.03	0.05	0.053
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	16	0.	1.25	5.	0.	5.	2.236	0.	0.	3.75	5.
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	16	31.6	31.588	32.5	30.8	0.174	0.418	31.01	31.4	31.775	32.36

** - 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 1983 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	16	16.	16.	32.	0.	273.067	16.525	0.	0.	32.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	15	11.	10.873	12.5	9.5	0.698	0.835	9.5	10.5	11.5	12.2

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

Annual Analysis for 1983 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	16	1.5	1.563	3.	1.	0.396	0.629	1.	1.	2.	2.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	16	40900.	38812.5	43300.	33000.	18473166.667	4298.042	33140.	33800.	42375.	43160.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	15	8.	8.42	11.3	6.7	1.645	1.282	6.76	7.4	9.5	10.46
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	15	87.9	92.453	122.9	72.6	199.377	14.12	74.1	81.3	104.2	114.86
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.9	7.894	8.	7.7	0.013	0.112	7.7	7.8	8.	8.
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.9	7.88	8.	7.7	0.013	0.113	7.7	7.8	8.	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	16	0.013	0.013	0.02	0.01	0.	0.004	0.01	0.01	0.016	0.02
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	16	0.01	0.012	0.02	0.005	0.	0.006	0.005	0.006	0.02	0.02
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	16 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	16	0.24	0.244	0.44	0.12	0.009	0.094	0.12	0.18	0.288	0.426
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	16	0.04	0.043	0.06	0.02	0.	0.011	0.02	0.04	0.05	0.06
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	16	0.035	0.034	0.06	0.02	0.	0.011	0.02	0.023	0.04	0.046
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	16	0.	0.625	5.	0.	2.917	1.708	0.	0.	0.	5.
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	16	31.55	31.588	32.2	30.9	0.197	0.444	30.97	31.15	32.075	32.2

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Annual Analysis for 1984 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	16	16.	16.	32.	0.	273.067	16.525	0.	0.	32.	32.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	16	10.9	10.8	12.	9.	0.952	0.976	9.14	10.05	11.875	12.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	16	1.	1.75	7.	1.	2.333	1.528	1.	1.	2.	4.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	16	41800.	40687.5	43100.	34800.	6754500.	2598.942	35360.	39150.	42575.	43030.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	16	8.7	8.762	10.6	6.8	1.353	1.163	7.36	7.825	10.075	10.46
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	16	96.15	95.894	116.2	74.3	164.099	12.81	79.13	86.575	109.05	115.71
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.9	7.881	8.1	7.7	0.012	0.111	7.7	7.8	7.975	8.03
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.9	7.868	8.1	7.7	0.012	0.112	7.7	7.8	7.975	8.03
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	16	0.013	0.014	0.02	0.008	0.	0.003	0.009	0.011	0.016	0.02
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	16 ##	0.008	0.013	0.05	0.005	0.	0.013	0.005	0.005	0.02	0.036
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	16 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	16	0.3	0.265	0.34	0.09	0.007	0.081	0.09	0.213	0.32	0.34
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	16	0.07	0.073	0.12	0.05	0.	0.017	0.057	0.06	0.08	0.106
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	16	0.05	0.051	0.06	0.04	0.	0.008	0.04	0.043	0.06	0.06
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	16	0.	0.938	5.	0.	4.063	2.016	0.	0.	0.	5.
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	16	31.35	31.338	32.4	30.4	0.312	0.558	30.54	30.925	31.825	32.19

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Annual Analysis for 1985 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	16	16.5	16.5	33.	0.	290.4	17.041	0.	0.	33.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	16	10.	9.856	12.4	7.8	1.611	1.269	7.94	8.925	10.95	11.42
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	10 ##	0.75	0.75	1.	0.5	0.069	0.264	0.5	0.5	1.	1.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	16	46700.	45618.75	49000.	38200.	9664291.667	3108.744	39040.	44250.	48025.	48790.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	16	7.9	7.656	9.5	5.8	1.295	1.138	5.87	6.475	8.425	9.15
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	16	84.8	82.387	102.7	62.5	151.913	12.325	63.41	70.275	89.025	100.6
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.9	7.881	8.	7.8	0.006	0.075	7.8	7.8	7.9	8.
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	16	7.9	7.875	8.	7.8	0.006	0.075	7.8	7.8	7.9	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	16	0.013	0.013	0.016	0.01	0.	0.002	0.01	0.013	0.016	0.016
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	10	0.025	0.063	0.24	0.02	0.006	0.077	0.02	0.02	0.08	0.233
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	10	0.28	0.282	0.37	0.22	0.002	0.047	0.222	0.24	0.318	0.367
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	8	0.08	0.078	0.09	0.07	0.	0.007	**	**	**	**

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Annual Analysis for 1985 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	10	0.06	0.106	0.31	0.03	0.011	0.103	0.032	0.05	0.133	0.308
00760p	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	10	0.	1.3	9.	0.	8.9	2.983	0.	0.	1.	8.5
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	16	31.9	31.781	33.1	30.	0.708	0.842	30.56	31.05	32.	33.03

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Annual Analysis for 1986 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	12	16.5	16.5	33.	0.	297.	17.234	0.	0.	33.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	12	11.	10.783	12.	9.	0.663	0.814	9.3	10.2	11.425	11.85
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	6	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	12	45600.	45308.333	49200.	41600.	6044469.697	2458.55	41660.	42900.	47200.	48780.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	12	9.05	8.608	11.7	5.4	4.219	2.054	5.52	6.6	10.375	11.37
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	11	85.5	86.136	128.5	56.6	416.959	20.42	57.74	67.8	94.7	124.22
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	12	7.9	8.092	8.7	7.8	0.126	0.355	7.8	7.8	8.4	8.7
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	12	7.9	7.989	8.7	7.8	0.138	0.371	7.8	7.8	8.4	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	12	0.013	0.01	0.016	0.002	0.	0.006	0.002	0.004	0.016	0.016
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	8	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	12	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	8	0.24	0.244	0.29	0.21	0.001	0.029	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	8	0.06	0.061	0.07	0.05	0.	0.008	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	10	0.05	0.05	0.06	0.03	0.	0.012	0.03	0.045	0.06	0.06
70305p	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	10	31.	30.5	32.	28.	1.389	1.179	28.1	29.75	31.	31.9

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

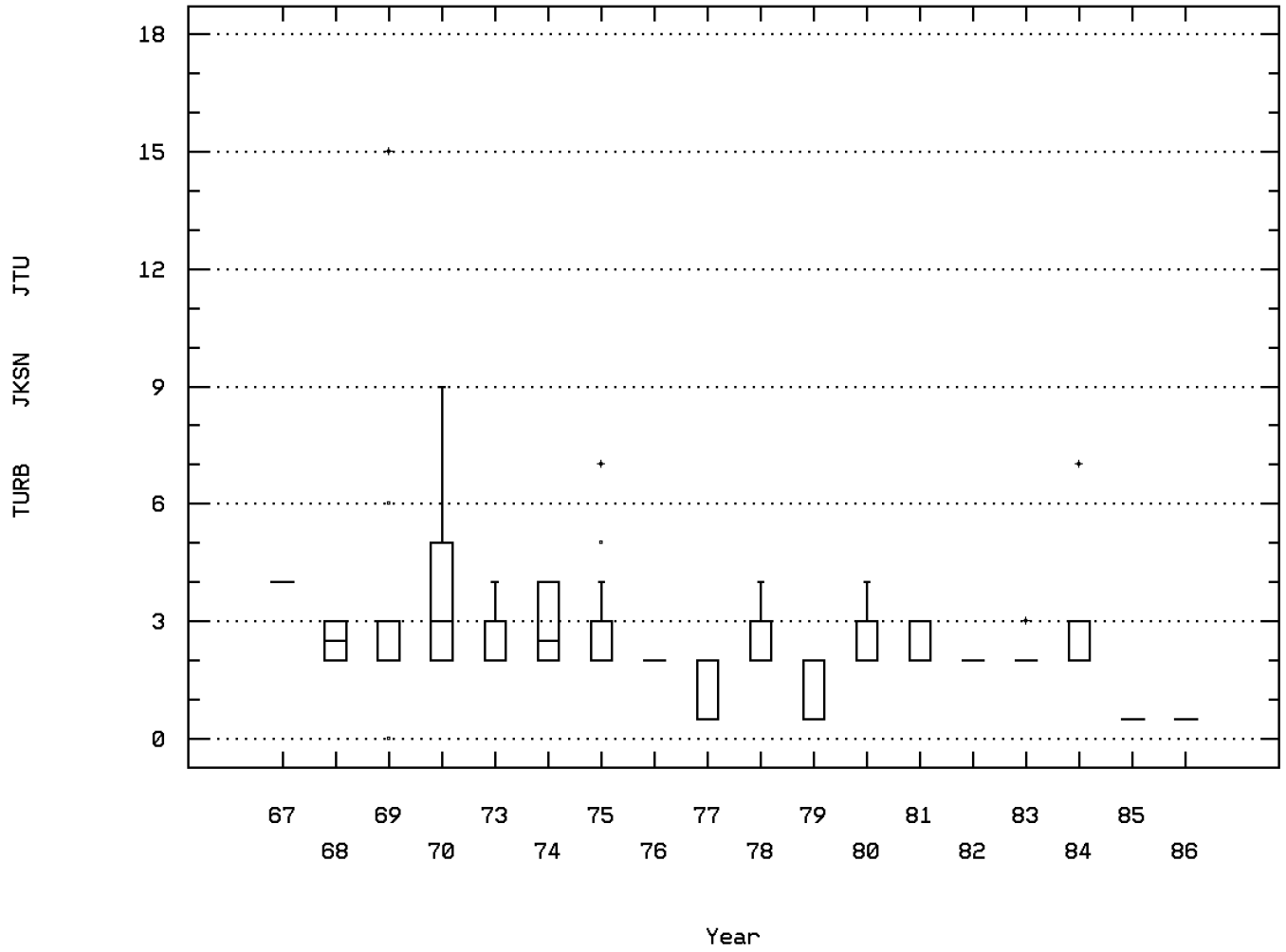
Annual Analysis for 1987 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	12	16.5	16.5	33.	0.	297.	17.234	0.	0.	33.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	10	10.3	10.33	11.1	9.2	0.365	0.604	9.27	9.975	11.	11.09
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	12	46300.	46450.	47700.	45400.	531818.182	729.259	45460.	45900.	47100.	47640.
00300p	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	9	5.	5.856	10.1	4.4	3.813	1.953	4.4	4.55	7.2	10.1
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	9	52.7	63.722	109.7	47.2	467.422	21.62	47.2	49.9	79.7	109.7
00400p	PH (STANDARD UNITS)	09/27/67-11/09/87	11	7.7	7.482	8.	6.8	0.166	0.407	6.82	7.1	7.8	7.96
00400p	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	11	7.7	7.298	8.	6.8	0.203	0.45	6.82	7.1	7.8	7.96
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	11	0.02	0.05	0.158	0.01	0.003	0.051	0.011	0.016	0.079	0.152
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	12	0.01	0.011	0.02	0.005	0.	0.006	0.005	0.005	0.018	0.02
00615p	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	10	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	6	0.155	0.192	0.32	0.1	0.01	0.098	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	12	0.07	0.054	0.07	0.005	0.001	0.026	0.005	0.04	0.07	0.07

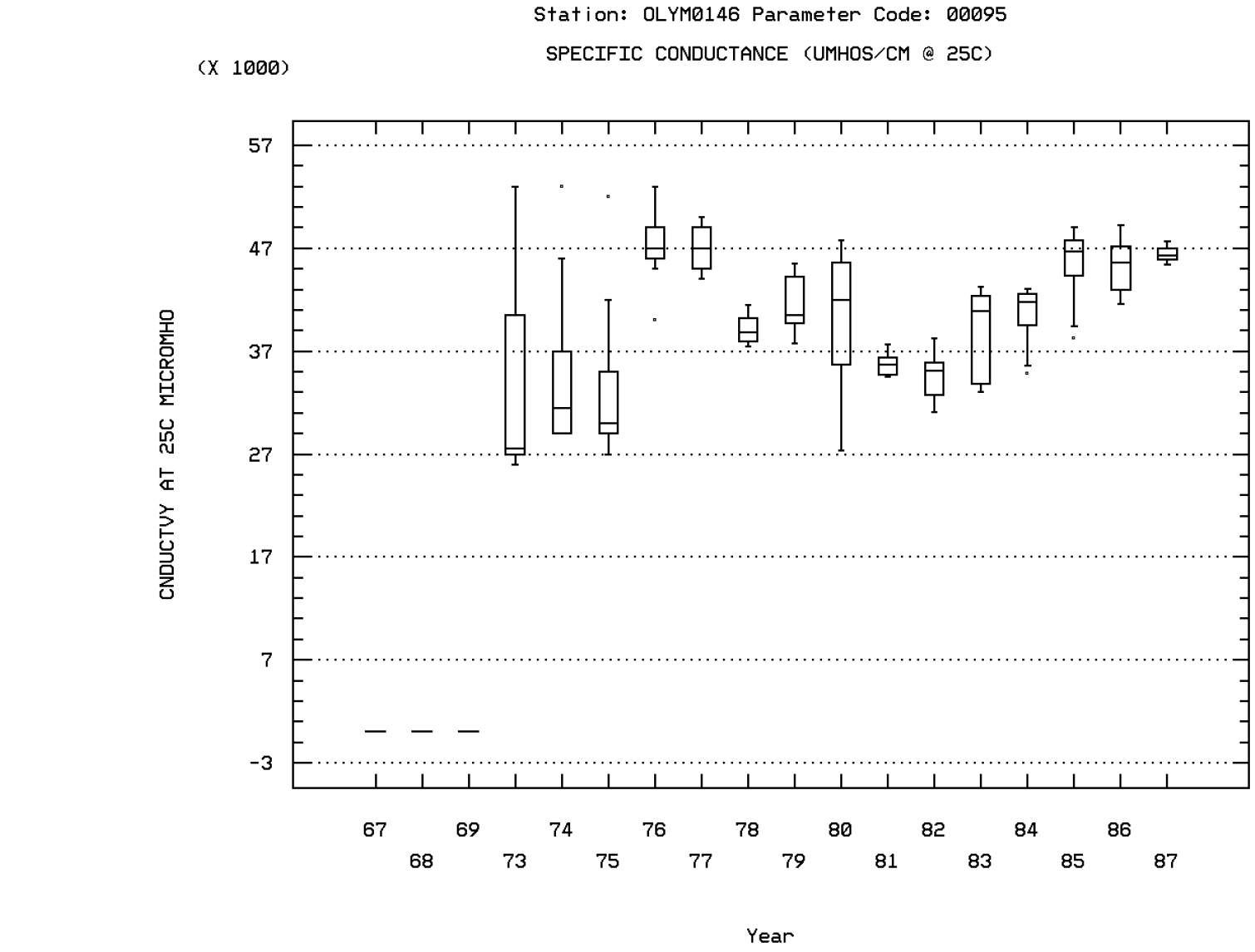
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: OLYM0146 Parameter Code: 00070

TURBIDITY, (JACKSON CANDLE UNITS)



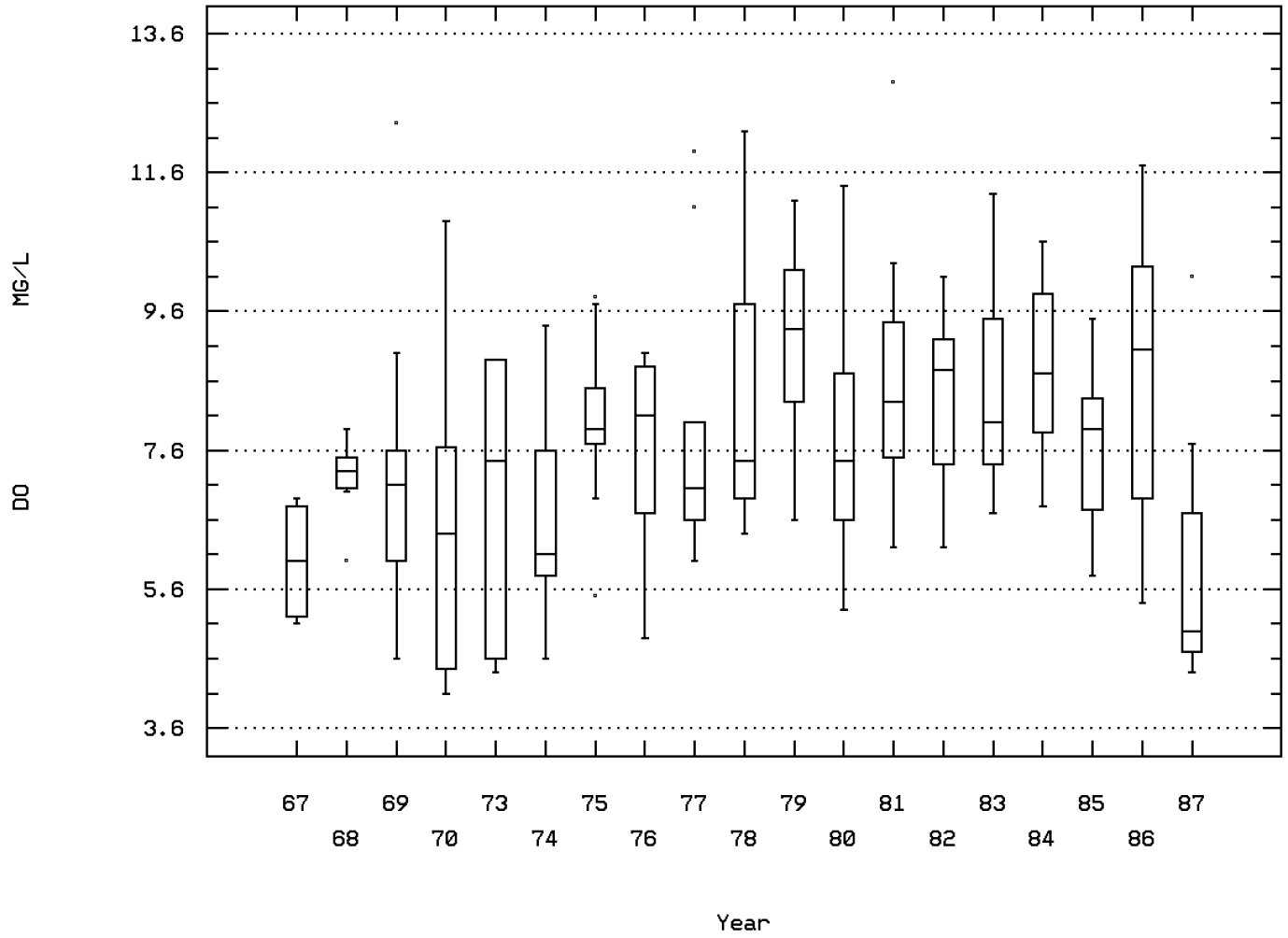
PT ANGELES HBR AT EDIZ HOOK HEAD



PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 00300

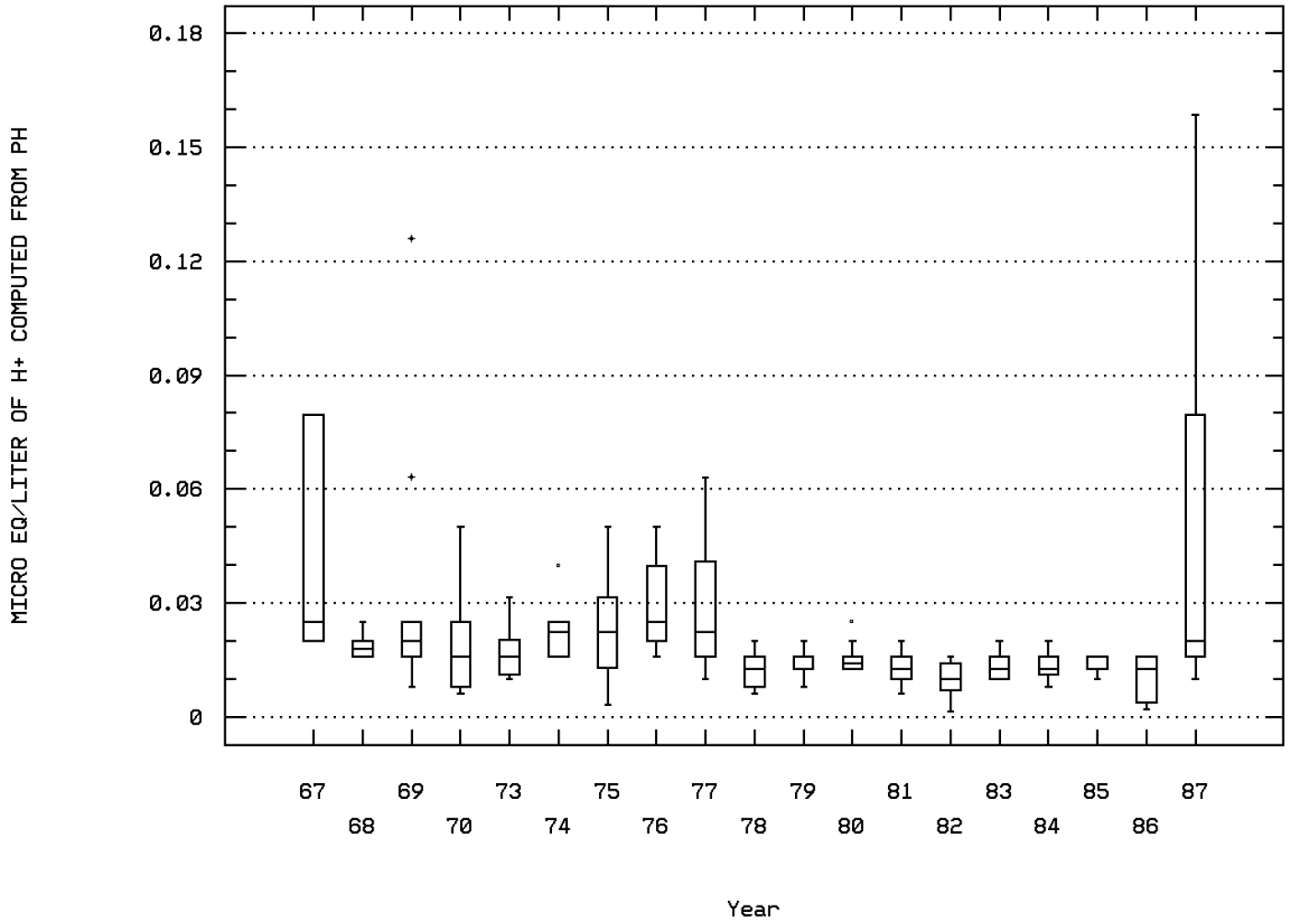
OXYGEN, DISSOLVED



PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 00400

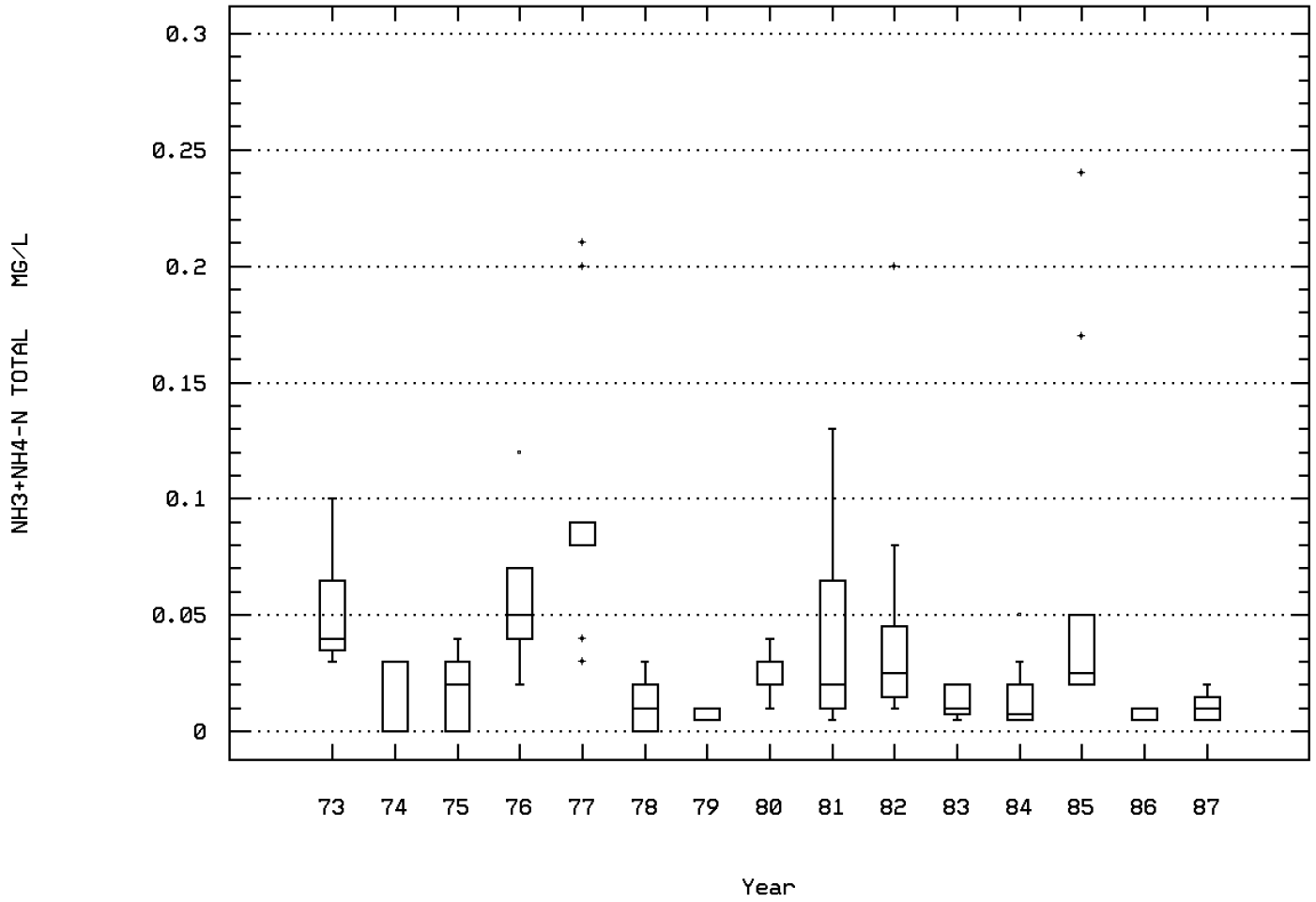
MICRO EQ/LITER OF H+ COMPUTED FROM PH



PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 00610

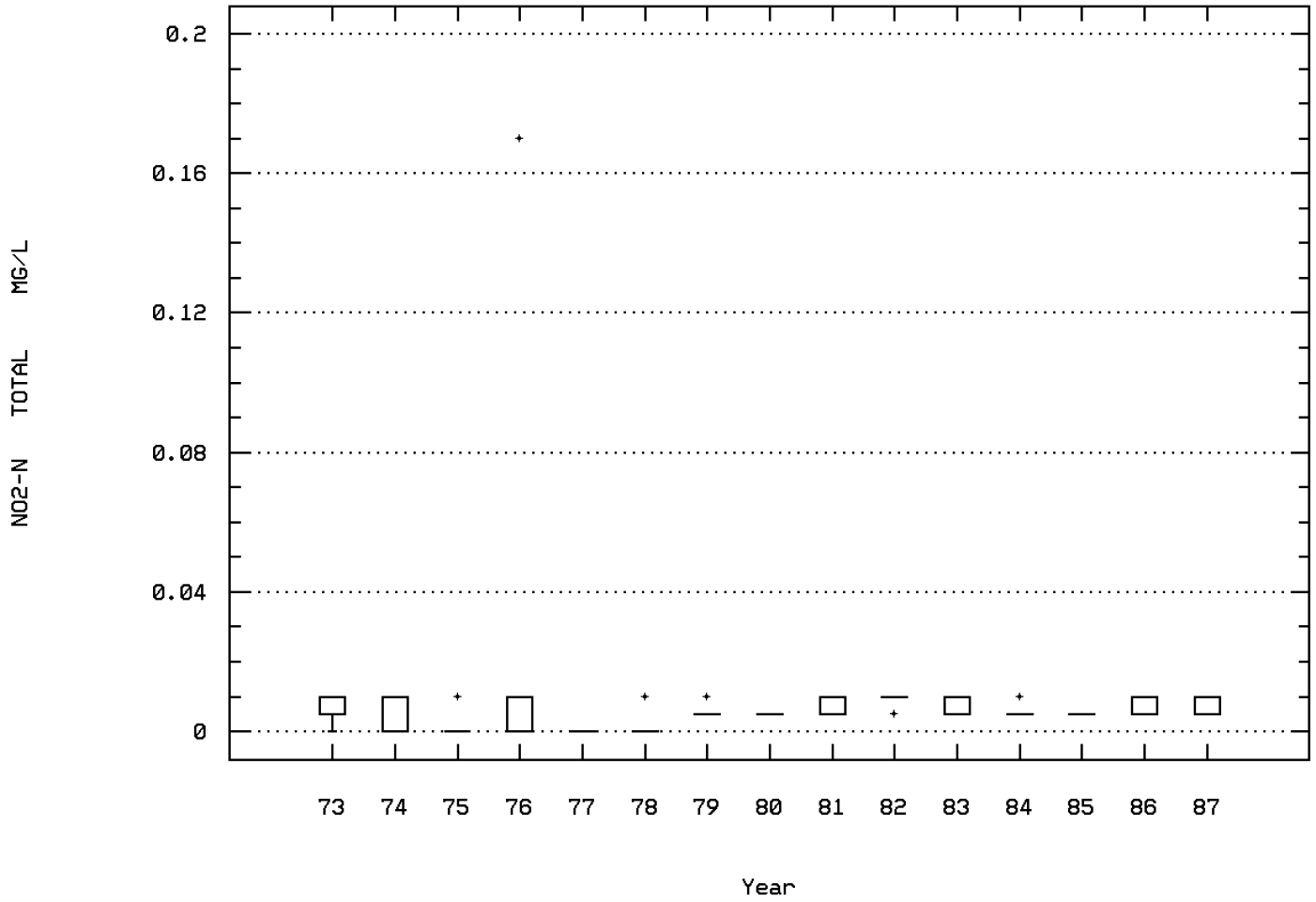
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 00615

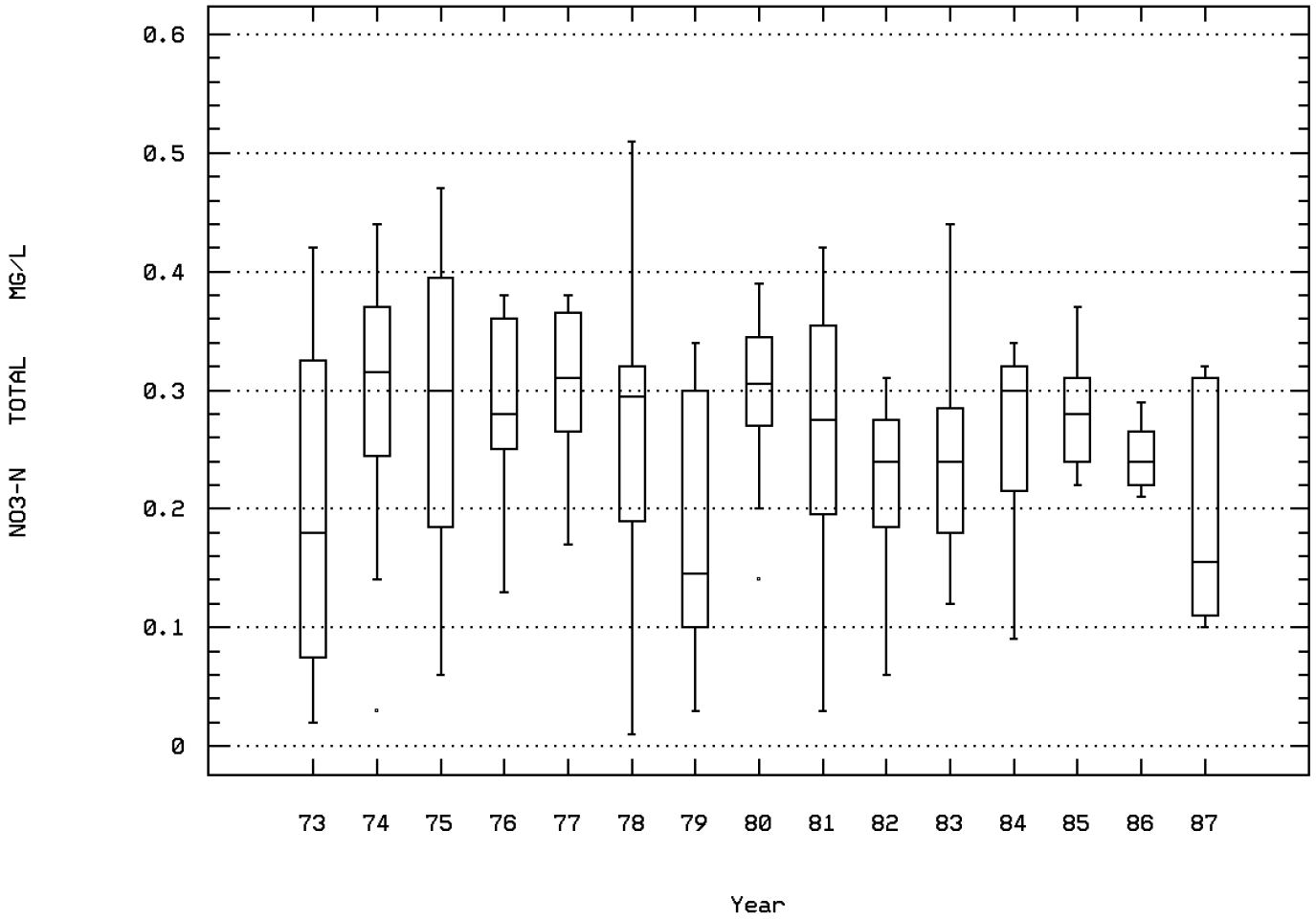
NITRITE NITROGEN, TOTAL (MG/L AS N)



PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 00620

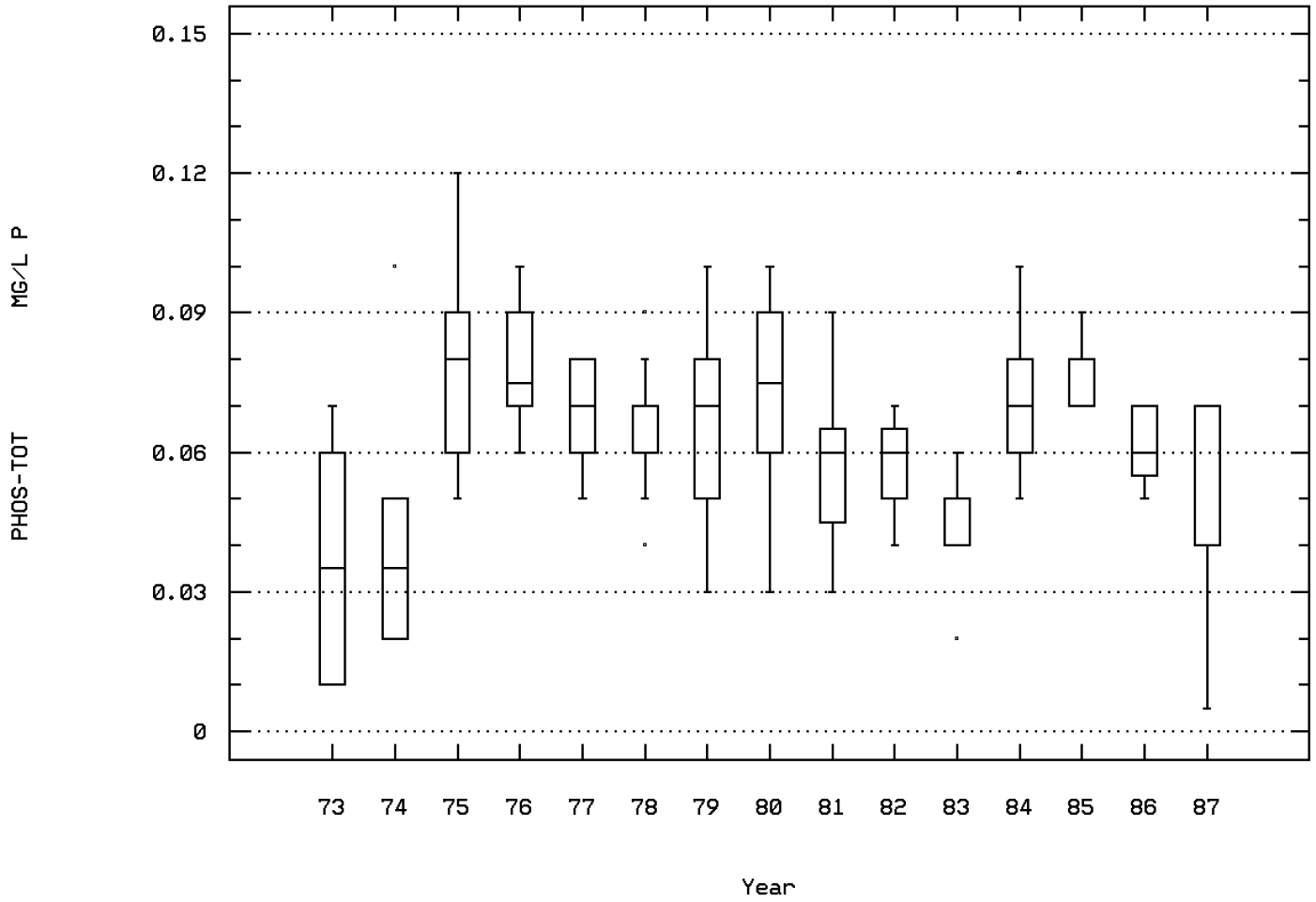
NITRATE NITROGEN, TOTAL (MG/L AS N)



PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 00665

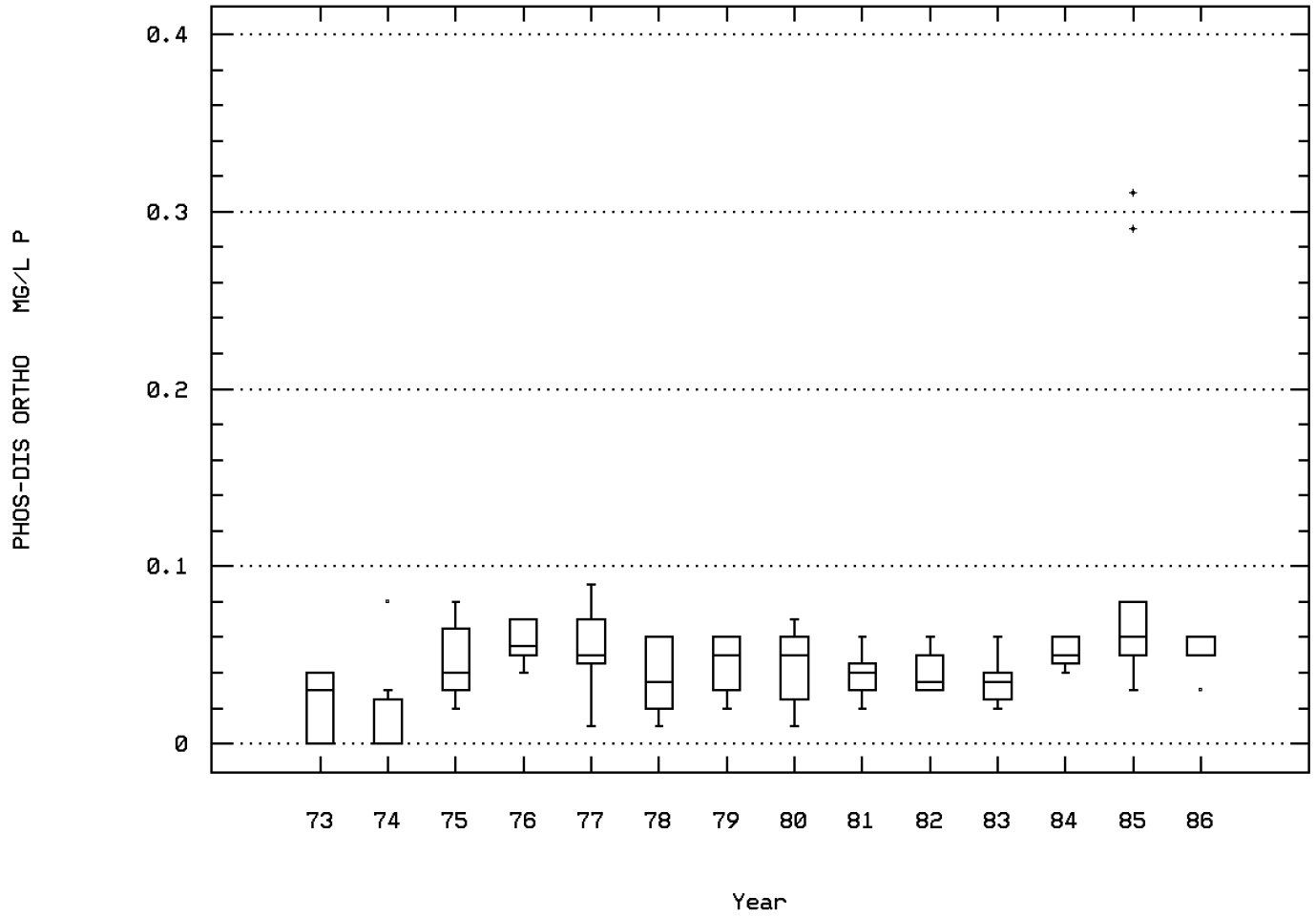
PHOSPHORUS, TOTAL (MG/L AS P)



PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 00671

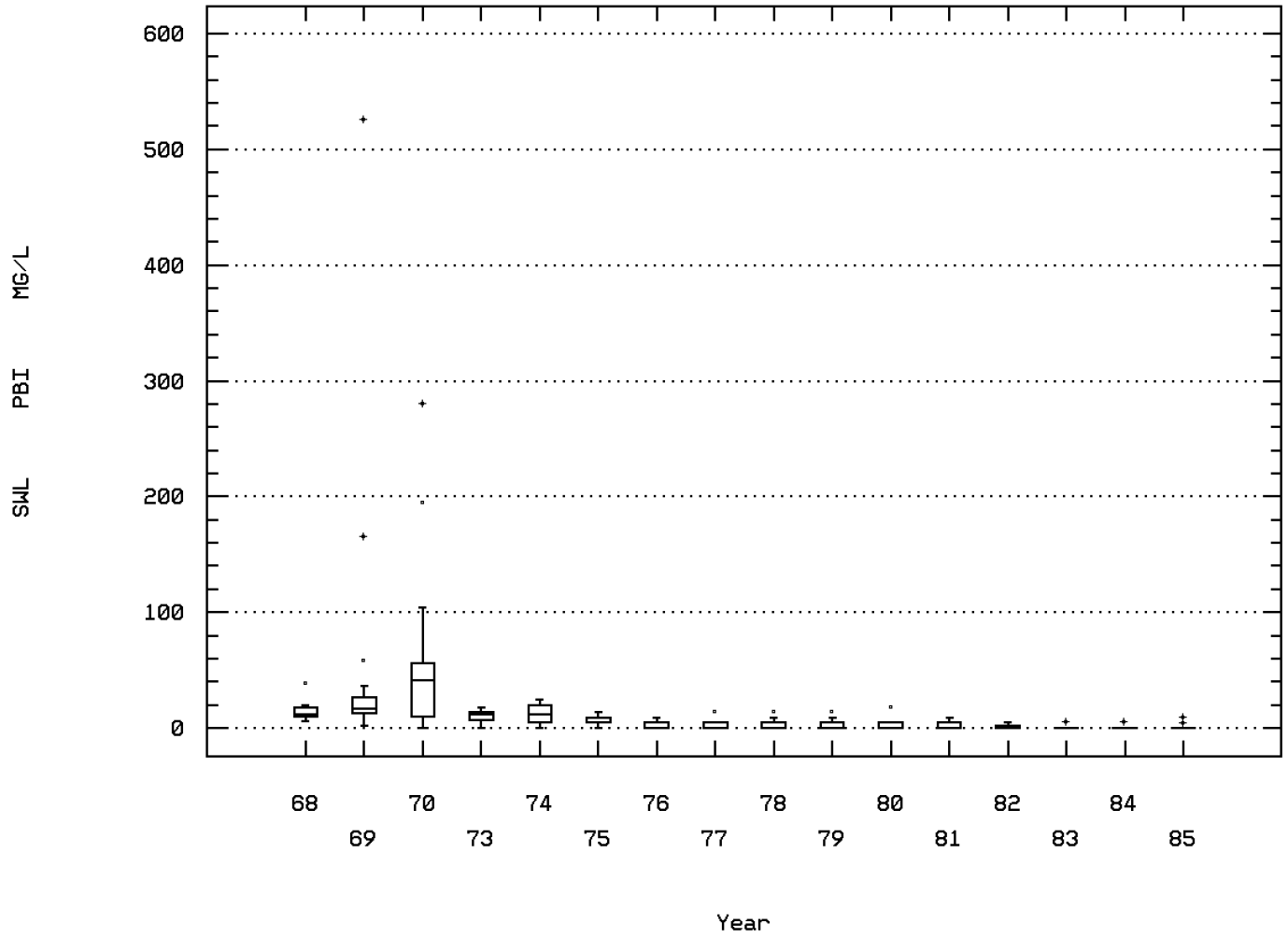
PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 00760

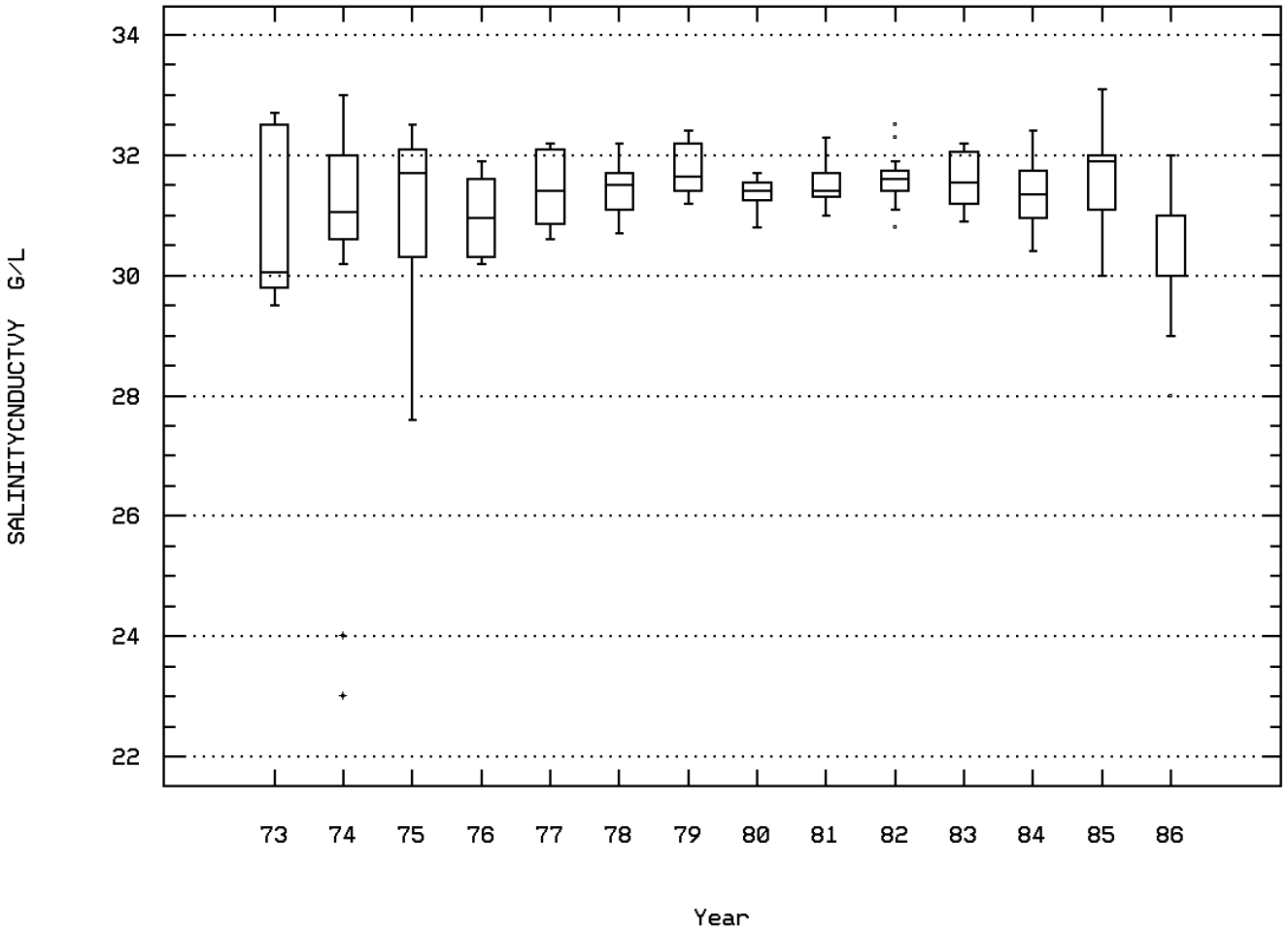
SULFITE WASTE LIQUOR, PEARL BENSON INDE



PT ANGELES HBR AT EDIZ HOOK HEAD

Station: OLYM0146 Parameter Code: 70305

SALINITY BASED ON CONDUCTIVITY



PT ANGELES HBR AT EDIZ HOOK HEAD

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	54	10.5	15.815	33.	0.	258.041	16.064	0.	0.	32.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	50	9.8	9.766	12.2	7.2	1.234	1.111	8.23	9.	10.525	11.28
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	48	1.	1.458	6.	0.	0.998	0.999	0.5	1.	2.	3.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/77-11/09/87	16	7.25	6.8	9.	3.5	2.737	1.654	3.92	5.625	8.	8.65
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	50	40150.	39484.	53000.	28000.	41364636.735	6431.535	31000.	34725.	43900.	48690.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	48	6.75	6.648	8.8	4.4	1.635	1.279	4.7	5.825	7.7	8.32
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	28	76.9	74.518	98.2	47.2	221.576	14.885	52.55	63.975	86.525	97.01
00400	PH (STANDARD UNITS)	09/27/67-11/09/87	54	7.7	7.709	8.2	6.8	0.073	0.27	7.35	7.6	7.8	8.05
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	54	7.7	7.603	8.2	6.8	0.084	0.291	7.35	7.6	7.8	8.05
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	54	0.02	0.025	0.158	0.006	0.001	0.026	0.009	0.016	0.025	0.045
00480	SALINITY - PARTS PER THOUSAND	09/27/67-11/09/87	10	30.55	30.6	32.	29.4	0.882	0.939	29.42	29.825	31.25	32.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	46	0.02	0.025	0.13	0.	0.001	0.026	0.004	0.009	0.04	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	48	0.005	0.006	0.01	0.	0.	0.004	0.	0.001	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	42	0.315	0.287	0.51	0.03	0.016	0.126	0.09	0.14	0.373	0.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	46	0.07	0.063	0.1	0.02	0.	0.021	0.03	0.05	0.08	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	42	0.05	0.046	0.08	0.	0.	0.021	0.013	0.03	0.06	0.07
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	42	0.	8.452	165.	0.	659.181	25.675	0.	0.	9.	16.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	22	1.5	7.364	60.	0.5	188.981	13.747	0.65	1.	10.	24.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	22	0.151	0.391	1.778	-0.301	0.361	0.601	-0.211	0.	1.	1.381
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.46								
70305	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	44	31.7	31.723	33.	30.1	0.427	0.653	30.8	31.4	32.175	32.6

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	20	10.5	11.1	33.	0.	117.568	10.843	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	20	8.45	8.235	10.8	5.4	2.343	1.531	5.57	7.3	9.375	9.99
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	19	2.	3.211	15.	1.	9.398	3.066	1.	2.	4.	5.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	8	37.	6777.25	27000.	34.	155794141.643	12481.752	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	20	7.25	7.335	8.9	6.1	0.618	0.786	6.21	6.75	7.875	8.82
00400	PH (STANDARD UNITS)	09/27/67-11/09/87	19	7.7	7.753	8.2	6.9	0.096	0.31	7.5	7.6	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	19	7.7	7.625	8.2	6.9	0.113	0.336	7.5	7.6	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	19	0.02	0.024	0.126	0.006	0.001	0.026	0.006	0.01	0.025	0.032
00480	SALINITY - PARTS PER THOUSAND	09/27/67-11/09/87	18	30.1	30.411	35.4	24.7	9.299	3.049	24.79	29.125	32.125	35.13
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	2	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	18	18.5	61.222	525.	2.	15569.83	124.779	4.7	9.5	43.	227.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.								
70305	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	2	29.9	29.9	30.	29.8	0.02	0.141	**	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	122	10.5	15.262	33.	0.	240.625	15.512	0.	0.	32.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	117	10.	9.733	12.7	5.	1.789	1.337	8.	8.85	10.7	11.2
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	114	1.	1.789	9.	0.5	1.88	1.371	1.	1.	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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/77-11/09/87	34	5.5	5.985	15.	3.	4.645	2.155	3.75	4.875	6.625	8.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	108	40300.	37907.593	50000.	34.	123920428.636	11131.955	28830.	34225.	45875.	47710.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	108	8.55	8.686	12.9	4.1	2.956	1.719	6.69	7.5	9.875	11.01
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	53	94.7	96.311	138.9	67.8	256.683	16.021	78.78	84.2	107.75	117.88
00400	PH (STANDARD UNITS)	09/27/67-11/09/87	121	7.8	7.844	8.7	7.2	0.051	0.226	7.6	7.8	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	121	7.8	7.786	8.7	7.2	0.055	0.234	7.6	7.8	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	121	0.016	0.016	0.063	0.002	0.	0.01	0.01	0.013	0.016	0.025
00480	SALINITY - PARTS PER THOUSAND	09/27/67-11/09/87	26	30.15	29.704	33.	25.7	3.27	1.808	26.5	28.725	30.725	31.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	100	0.02	0.033	0.24	0.	0.002	0.047	0.001	0.01	0.03	0.089
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	98	0.005	0.007	0.17	0.	0.	0.017	0.	0.	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	98	0.26	0.251	0.47	0.04	0.006	0.079	0.14	0.21	0.3	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	96	0.06	0.061	0.12	0.005	0.	0.02	0.04	0.05	0.07	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	94	0.04	0.042	0.09	0.	0.	0.018	0.02	0.03	0.05	0.06
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	108	5.	9.944	280.	0.	866.221	29.432	0.	0.	9.	19.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	54 ##	0.5	3.583	96.	0.5	183.677	13.553	0.5	0.5	1.	5.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	54 ##	-0.301	-0.008	1.982	-0.301	0.227	0.476	-0.301	-0.301	0.	0.724
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.981								
70305	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	96	31.3	31.184	33.1	27.6	0.741	0.861	30.2	30.9	31.6	32.1

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/67-11/09/87	64	10.5	15.313	33.	0.	243.837	15.615	0.	0.	32.	33.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/67-11/09/87	64	11.	10.734	14.	7.	1.541	1.242	9.2	10.125	11.375	12.05
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/05/67-07/14/86	52	1.	1.606	7.	0.5	1.043	1.021	1.	1.	2.	2.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/77-11/09/87	19	8.	7.558	10.5	3.2	6.613	2.571	3.5	5.3	10.	10.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/67-11/09/87	56	41500.	38951.339	53000.	37.	100677822.046	10033.834	29000.	34725.	45000.	46920.
00300	OXYGEN, DISSOLVED MG/L	09/27/67-11/09/87	58	7.	7.06	12.2	4.2	3.293	1.815	4.6	5.575	8.225	9.15
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/79-11/09/87	32	87.2	83.678	128.5	48.6	308.841	17.574	58.9	71.375	96.425	103.48
00400	PH (STANDARD UNITS)	09/27/67-11/09/87	64	7.8	7.822	8.8	7.1	0.079	0.28	7.55	7.7	7.975	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/27/67-11/09/87	64	7.8	7.729	8.8	7.1	0.087	0.296	7.55	7.7	7.975	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/67-11/09/87	64	0.016	0.019	0.079	0.002	0.	0.015	0.008	0.011	0.02	0.028
00480	SALINITY - PARTS PER THOUSAND	09/27/67-11/09/87	12	28.85	29.35	32.	27.7	2.246	1.499	27.79	28.2	30.35	32.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/15/73-11/09/87	46	0.02	0.024	0.1	0.	0.001	0.025	0.004	0.01	0.03	0.08
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/15/73-11/09/87	50	0.005	0.005	0.01	0.	0.	0.004	0.	0.	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/15/73-09/15/87	48	0.285	0.256	0.46	0.01	0.015	0.121	0.03	0.18	0.34	0.393
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/15/73-11/09/87	46	0.06	0.064	0.12	0.01	0.	0.021	0.04	0.05	0.08	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/15/73-09/09/86	48	0.04	0.05	0.31	0.	0.003	0.056	0.02	0.03	0.06	0.061
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-08/19/85	54	5.	7.491	53.	0.	136.646	11.69	0.	0.	9.	23.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	26 ##	1.	5.904	43.	0.5	122.64	11.074	0.5	0.5	6.25	25.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/15/73-11/09/87	26 ##	0.	0.253	1.633	-0.301	0.391	0.625	-0.301	-0.301	0.774	1.381
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.79								
70305	SALINITY BASED ON CONDUCTIVITY	09/12/73-09/09/86	50	31.6	31.222	32.5	23.	2.918	1.708	30.71	31.	32.	32.39

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

Station Inventory for Station: OLYM0147

NPS Station ID: OLYM0147
LAT/LON: 48.150003/-123.461670
Agency: 10EPACOP
Date Created: 04/21/79
Location: ELLERBACH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 033325
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 3276
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: 11 TH OF CROWN Z
ECO Region:
RF1 Index: 17110020026
RF1 Mile Point: 5.850
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
HALFWAY BETWEEN ANGELES POINT AND EDIZ HOOK (N OF CZ

Parameter Inventory for Station: OLYM0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	41	65.	130.805	524.	0.	27870.311	166.944	0.	0.	196.	484.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/74-08/18/76	15	9.6	9.347	11.4	7.5	1.344	1.159	7.68	8.4	10.	11.1
00480	SALINITY - PARTS PER THOUSAND	07/15/68-08/18/76	24	3.2	13.521	32.	2.9	188.971	13.747	3.	3.1	30.65	32.
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	27	0.	1.704	7.	0.	6.755	2.599	0.	0.	5.	7.
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/15/68-07/15/68	3	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	41	523.	444.659	540.	118.	18117.83	134.602	225.	396.5	540.	540.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	41	1715.	1678.683	1830.	1500.	7866.172	88.691	1530.	1638.	1720.	1800.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	28	245.	245.	269.	237.	113.778	10.667	237.	237.	245.	269.
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	3	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	41	205.	198.878	276.	128.	1620.16	40.251	135.4	164.5	227.5	251.8
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	41	3.	4.683	30.	0.	35.372	5.947	1.	1.	5.5	9.6

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

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	14	0.	9.286	65.	0.	557.143	23.604	0.	0.	0.	65.
00480	SALINITY - PARTS PER THOUSAND	07/15/68-08/18/76	9	30.9	30.878	32.	29.6	1.002	1.001	29.6	29.75	32.	32.
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	12	3.	3.25	7.	0.	8.932	2.989	0.	0.25	6.5	7.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	14	286.5	292.714	455.	118.	16780.066	129.538	118.	198.25	445.	455.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	14	1715.	1645.714	1800.	1500.	14645.604	121.019	1500.	1522.5	1745.	1800.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	14	164.5	180.	264.	128.	1812.769	42.577	130.	144.75	220.25	243.5
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	14	4.	4.071	8.	0.	3.918	1.979	1.	3.	5.25	7.

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	27	131.	193.815	524.	0.	30524.464	174.713	0.	65.	327.	524.
00480	SALINITY - PARTS PER THOUSAND	07/15/68-08/18/76	15	3.1	3.107	3.2	2.9	0.009	0.096	2.96	3.	3.2	3.2
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	15	0.	0.467	5.	0.	1.838	1.356	0.	0.	0.	3.2
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	27	523.	523.444	540.	457.	606.103	24.619	460.6	523.	540.	540.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	27	1720.	1695.778	1830.	1638.	3890.256	62.372	1638.	1638.	1720.	1830.
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	27	211.	208.667	276.	133.	1294.769	35.983	153.8	182.	235.	256.8
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	27	2.	5.	30.	0.	52.154	7.222	1.	1.	6.	14.

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

Station Inventory for Station: OLYM0148

NPS Station ID: OLYM0148
Location: BACH, WEST
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110020
Major Basin:
Minor Basin: 11 CROWN-ZELLER
RF1 Index: 17110020026
RF3 Index:
Description:
OFF CROWN ZELLERBACH CORP., INSHORE -WEST

LAT/LON: 48.136670/-123.476392
Depth of Water: 3276
Elevation: 0
RF1 Mile Point: 5.300
RF3 Mile Point: 0.00

Agency: 10EPACOP
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 31026B
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 04/21/79
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: OLYM0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/25/75-08/18/76	11	65.	87.545	196.	0.	5251.873	72.47	0.	0.	131.	196.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/75-08/18/76	7	8.7	8.971	10.8	7.4	1.952	1.397	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/76-08/18/76	3	8.5	8.433	8.6	8.2	0.043	0.208	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/76-08/18/76	3	7.89	7.883	7.89	7.87	0.	0.012	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/76-08/18/76	3	7.89	7.883	7.89	7.87	0.	0.012	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/76-08/18/76	3	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/25/75-08/18/76	7	3.	3.	3.3	2.9	0.02	0.141	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/18/76-08/18/76	3	3.	3.333	5.	2.	2.333	1.528	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	08/25/75-08/18/76	7	0.	13.571	63.	0.	565.286	23.776	**	**	**	**
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	08/25/75-08/18/76	11	508.	488.091	508.	433.	1163.491	34.11	433.4	437.	508.	508.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	08/25/75-08/18/76	11	1638.	1690.364	1830.	1638.	8043.055	89.683	1638.	1638.	1830.	1830.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	08/25/75-08/25/75	8	245.	245.	245.	245.	0.	0.	**	**	**	**
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	3	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	08/25/75-08/18/76	11	186.	182.364	221.	144.	444.855	21.092	146.6	167.	197.	216.8
71096	ABNORMAL BIVALVE MULLOSC LARVAE	08/25/75-08/18/76	11	3.	4.182	10.	0.	13.164	3.628	0.	1.	8.	9.8

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

EPA Water Quality Criteria Analysis for Station: OLYM0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00										3	0	0.00
00400	PH	Marine Chronic	8.5	3	0	0.00										3	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00										3	0	0.00

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

Station Inventory for Station: OLYM0149

NPS Station ID: OLYM0149
LAT/LON: 48.166671/-123.500005
Agency: 10EPATOX
Date Created: 01/26/80
Location: ITT RAYONIER PT. ANGELES RAW WATER
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/IND/INTAKE/AMBNT/STREAM
STORET Station ID(s): ITT003-FMK /FMK-ITT003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
STATION SAME AS ITT003 EXCEPT LABORATORY ANALYSES PERFORMED BY FOREMOST MCKESSEN RESEARCH CENTER; DOUBLIN, CA

Parameter Inventory for Station: OLYM0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/06/78-06/08/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/08/78-06/08/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39377	DDT TOTAL IN TISSUE, FAT BASIS (UG/G)	06/06/78-06/06/78	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/06/78-06/06/78	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: OLYM0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OLYM0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
		Drinking Water	1000.	1	0	0.00							1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
		Drinking Water	700.	1	0	0.00							1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00							1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00							1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	1.	1	0	0.00							1	0	0.00			
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	1	0	0.00							1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.4	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OLYM0150

NPS Station ID: OLYM0150
LAT/LON: 48.166671/-123.500005
Agency: 10EPATOX
Date Created: 10/24/78
Location: ITT RAYONIER P ANGLES RAW WATER
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/IND/INTAKE/AMBNT/STREAM
STORET Station ID(s): ITT003 /EGDITTVER003/RISKITT001 /WA0000795C
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/06/78-06/08/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/08/78-06/08/78	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/06/78-06/06/78	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	06/06/78-06/06/78	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/06/78-06/06/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/06/78-06/06/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/06/78-06/06/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/06/78-06/06/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	06/06/78-06/06/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/06/78-06/06/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/06/78-06/06/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/06/78-06/06/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	06/06/78-06/06/78	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/06/78-06/06/78	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/08/78-06/08/78	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/06/78-06/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			

& - 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: OLYM0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OLYM0151

NPS Station ID: OLYM0151
LAT/LON: 48.140837/-123.541115
Agency: 112WRD
Date Created: 04/14/78
Location: 31N/07W-35E01
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480827123322801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/11/77-05/11/77	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/11/77-05/11/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/11/77-05/11/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/77-05/11/77	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/11/77-05/11/77	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/11/77-05/11/77	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/77-05/11/77	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/11/77-05/11/77	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/11/77-05/11/77	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/11/77-05/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/11/77-05/11/77	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/77-05/11/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/77-05/11/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/77-05/11/77	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/77-05/11/77	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/11/77-05/11/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/11/77-05/11/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/77-05/11/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/77-05/11/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/77-05/11/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/11/77-05/11/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/11/77-05/11/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/11/77-05/11/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/11/77-05/11/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/11/77-05/11/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/11/77-05/11/77	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/77-05/11/77	1	79.	79.	79.	79.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/11/77-05/11/77	1	79.	79.	79.	79.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/11/77-05/11/77	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	1	26.	26.	26.	26.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31625	FECAL COLIFORM, MF	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: OLYM0152

NPS Station ID: OLYM0152
LAT/LON: 48.133615/-123.544726
Agency: 112WRD
Date Created: 04/14/78
Location: 31N/07W-35N01
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480801123324101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/11/77-05/11/77	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/11/77-05/11/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/11/77-05/11/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/77-05/11/77	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/11/77-05/11/77	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/11/77-05/11/77	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/77-05/11/77	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/11/77-05/11/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/11/77-05/11/77	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/11/77-05/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/11/77-05/11/77	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/77-05/11/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/77-05/11/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/77-05/11/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/77-05/11/77	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/11/77-05/11/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/11/77-05/11/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/77-05/11/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/77-05/11/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/77-05/11/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/11/77-05/11/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/11/77-05/11/77	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/11/77-05/11/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/11/77-05/11/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/11/77-05/11/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/11/77-05/11/77	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/77-05/11/77	1	64.	64.	64.	64.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/11/77-05/11/77	1	62.	62.	62.	62.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/11/77-05/11/77	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	1	49.	49.	49.	49.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0152

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31625	FECAL COLIFORM, MF	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: OLYM0153

NPS Station ID: OLYM0153 LAT/LON: 48.149170/-123.546116 Agency: 112WRD Date Created: 07/30/76
Location: EAST SLOUGH AT ANGELES PT NR PORT ANGELES, WA FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12046526
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110020026 RF1 Mile Point: 1.260 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/76-05/11/77	12	11.55	10.658	16.4	2.	19.566	4.423	2.96	7.6	14.525	16.28
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/76-03/23/77	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/76-03/23/77	10	127.	241.1	560.	90.	33860.767	184.013	91.7	112.25	410.25	557.7
00300	OXYGEN, DISSOLVED MG/L	03/18/76-05/11/77	9	10.4	10.711	13.2	9.1	2.184	1.478	9.1	9.55	12.	13.2
00400	PH (STANDARD UNITS)	03/18/76-05/11/77	10	7.2	7.19	7.5	6.8	0.032	0.179	6.83	7.1	7.3	7.48
00400	CONVERTED PH (STANDARD UNITS)	03/18/76-05/11/77	10	7.2	7.154	7.5	6.8	0.034	0.183	6.83	7.1	7.3	7.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/76-05/11/77	10	0.063	0.07	0.158	0.032	0.001	0.034	0.033	0.05	0.079	0.151
00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/76-09/02/76	2	5.55	5.55	6.	5.1	0.405	0.636	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	2	45.	45.	48.	42.	18.	4.243	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/18/76-09/02/76	2	55.	55.	59.	51.	32.	5.657	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/18/76-09/02/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/18/76-09/02/76	2	0.14	0.14	0.15	0.13	0.	0.014	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/76-09/02/76	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	2 ##	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/76-09/02/76	2	0.185	0.185	0.21	0.16	0.001	0.035	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/76-09/02/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/76-09/02/76	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/76-09/02/76	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	2	51.	51.	51.	51.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/76-09/02/76	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/76-09/02/76	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/76-09/02/76	2	3.	3.	3.4	2.6	0.32	0.566	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/76-09/02/76	2	5.85	5.85	8.6	3.1	15.125	3.889	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/18/76-09/02/76	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00932	SODIUM, PERCENT	03/18/76-09/02/76	2	19.	19.	26.	12.	98.	9.899	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/76-09/02/76	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/76-09/02/76	2	6.5	6.5	11.	2.	40.5	6.364	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/76-09/02/76	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/76-09/02/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/76-09/02/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/76-09/02/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/76-09/02/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/76-05/11/77	6	234.	460.583	1800.	0.5	483793.442	695.553	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/76-05/11/77	6	1.783	1.652	3.255	-0.301	1.991	1.411	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			44.827								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-09/02/76	5 ##	0.5	1.9	4.	0.5	3.675	1.917	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-09/02/76	5 ##	-0.301	0.06	0.602	-0.301	0.245	0.495	**	**	**	**

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

Parameter Inventory for Station: OLYM0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.149								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/18/76-05/11/77	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/18/76-05/11/77	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								

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

EPA Water Quality Criteria Analysis for Station: OLYM0153

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	10	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00				1	0	0.00				1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00				1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
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
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	1	0.17	1	0	0.00	1	0	0.00	4	1	0.25			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00				1	0	0.00	3	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: OLYM0154

NPS Station ID: OLYM0154
LAT/LON: 48.148337/-123.546392
Agency: 112WRD
Date Created: 04/14/78
Location: 31N/07W-27J03
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480854123324702
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/11/77-05/11/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/11/77-05/11/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/11/77-05/11/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/77-05/11/77	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/11/77-05/11/77	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/11/77-05/11/77	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/77-05/11/77	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/11/77-05/11/77	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/11/77-05/11/77	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/11/77-05/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/11/77-05/11/77	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/77-05/11/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/77-05/11/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/77-05/11/77	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/77-05/11/77	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/11/77-05/11/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/11/77-05/11/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/77-05/11/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/77-05/11/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/77-05/11/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/11/77-05/11/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/11/77-05/11/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/11/77-05/11/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/11/77-05/11/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/77-05/11/77	1	68.	68.	68.	68.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/11/77-05/11/77	1	71.	71.	71.	71.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/11/77-05/11/77	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	1	33.	33.	33.	33.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0154

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
31625	FECAL COLIFORM, MF	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: OLYM0155

NPS Station ID: OLYM0155 LAT/LON: 48.105559/-123.551670 Agency: 112WRD Date Created: 09/17/94
Location: ELWHA RIVER BELOW ELWHA DAM NEAR PORT ANGELES,WA FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12046100
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110020 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/94-04/22/94	3	7.5	7.733	8.7	7.	0.763	0.874	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/08/94-04/22/94	3	760.	758.	764.	750.	52.	7.211	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/08/94-04/22/94	3	0.9	0.9	1.2	0.6	0.09	0.3	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/94-04/22/94	3	102.	102.333	103.	102.	0.333	0.577	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/08/94-04/22/94	3	11.9	11.9	12.2	11.6	0.09	0.3	**	**	**	**
00400	PH (STANDARD UNITS)	04/08/94-04/22/94	3	7.4	7.433	7.6	7.3	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/08/94-04/22/94	3	7.4	7.416	7.6	7.3	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/94-04/22/94	3	0.04	0.038	0.05	0.025	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/08/94-04/22/94	3	7.4	7.367	7.5	7.2	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/08/94-04/22/94	3	7.4	7.348	7.5	7.2	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/94-04/22/94	3	0.04	0.045	0.063	0.032	0.	0.016	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/08/94-04/22/94	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/08/94-04/22/94	3	49.	48.667	49.	48.	0.333	0.577	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/08/94-04/22/94	3	0.01	0.013	0.02	0.009	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/08/94-04/22/94	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/08/94-04/22/94	3	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/08/94-04/22/94	3	15.	15.	15.	15.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/08/94-04/22/94	3	1.5	1.5	1.6	1.4	0.01	0.1	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/08/94-04/22/94	3	2.3	2.233	2.3	2.1	0.013	0.115	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/08/94-04/22/94	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/94-04/22/94	3	1.	0.967	1.	0.9	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/94-04/22/94	3	9.	8.667	9.	8.	0.333	0.577	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/08/94-04/22/94	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/08/94-04/22/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/08/94-04/22/94	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/08/94-04/22/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/08/94-04/22/94	3 ##	0.5	2.333	6.	0.5	10.083	3.175	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/08/94-04/22/94	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/08/94-04/22/94	3	220.	363.333	720.	150.	96633.333	310.859	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/08/94-04/22/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/08/94-04/22/94	3	20.	33.333	70.	10.	1033.333	32.146	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/08/94-04/22/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/08/94-04/22/94	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/08/94-04/22/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/08/94-04/22/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	04/08/94-04/22/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
09511	RADIUM 226, DISSOLVED, RADON METHOD	04/08/94-04/22/94	3	0.03	0.027	0.04	0.01	0.	0.015	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	04/08/94-04/22/94	3	26.	29.	40.	21.	97.	9.849	**	**	**	**

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

Parameter Inventory for Station: OLYM0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	04/08/94-04/22/94	3	1.415	1.446	1.602	1.322	0.02	0.143	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			27.952								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	04/08/94-04/22/94	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	04/08/94-04/22/94	3 ##	-0.301	-0.1	0.301	-0.301	0.121	0.348	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.794								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/08/94-04/22/94	3	40.	40.333	41.	40.	0.333	0.577	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	04/22/94-04/22/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/08/94-04/22/94	3 ##	0.05	0.1	0.2	0.05	0.008	0.087	**	**	**	**
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	04/08/94-04/22/94	3	0.31	0.3	0.34	0.25	0.002	0.046	**	**	**	**
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	04/08/94-04/22/94	3	0.22	0.207	0.24	0.16	0.002	0.042	**	**	**	**
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	04/08/94-04/22/94	3	0.38	0.367	0.38	0.34	0.001	0.023	**	**	**	**
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	04/08/94-04/22/94	3	0.42	0.407	0.42	0.38	0.001	0.023	**	**	**	**
76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/08/94-04/22/94	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/08/94-04/22/94	3	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/08/94-04/22/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/08/94-04/22/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/08/94-04/22/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81551	XYLENE WHL WATER SMPL UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	04/22/94-04/22/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00							3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00							3	0	0.00			
00400	PH	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00							3	0	0.00			
		Drinking Water	250.	3	0	0.00							3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00							3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00							3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00							3	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00							3	0	0.00			
		Drinking Water	5.	3	0	0.00							3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00							3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00							3	0	0.00			
		Drinking Water	1300.	3	0	0.00							3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00							3	0	0.00			
		Drinking Water	15.	3	0	0.00							3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00							3	0	0.00			
		Drinking Water	100.	3	0	0.00							3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00							3	0	0.00			
		Drinking Water	5000.	3	0	0.00							3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	3	0	0.00							3	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	0	0.00							3	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
		Drinking Water	1000.	1	0	0.00							1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
		Drinking Water	700.	1	0	0.00							1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			

& - 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: OLYM0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00							1	0	0.00			
		Drinking Water	3.	1	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.4	1	0	0.00							1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00							1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00							3	0	0.00			
		Drinking Water	2.	3	0	0.00							3	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OLYM0156

NPS Station ID: OLYM0156
LAT/LON: 48.144448/-123.554726
Agency: 112WRD
Date Created: 07/30/76
Location: BOSCO CR NR PORT ANGELES, WASH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12046523
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110020002
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/76-05/11/77	13	7.8	7.915	9.6	5.8	0.836	0.915	6.44	7.45	8.5	9.28
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/18/76-05/10/77	7	0.9	0.943	2.	0.4	0.266	0.516	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/76-03/23/77	7	0.	0.286	1.	0.	0.238	0.488	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/76-03/23/77	8	93.	103.125	220.	67.	2399.268	48.982	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/18/76-05/10/77	9	8.8	9.422	11.5	7.6	1.964	1.402	7.6	8.25	10.8	11.5
00400	PH (STANDARD UNITS)	03/18/76-05/10/77	10	6.8	6.74	7.2	6.3	0.085	0.291	6.31	6.475	6.95	7.19
00400	CONVERTED PH (STANDARD UNITS)	03/18/76-05/10/77	10	6.8	6.655	7.2	6.3	0.093	0.305	6.31	6.475	6.95	7.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/76-05/10/77	10	0.158	0.221	0.501	0.063	0.021	0.144	0.065	0.114	0.337	0.491
00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/76-09/02/76	2	34.5	34.5	39.	30.	40.5	6.364	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	2	39.5	39.5	40.	39.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/18/76-09/02/76	2	48.	48.	49.	47.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/18/76-09/02/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/18/76-09/02/76	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/76-09/02/76	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	2	0.07	0.07	0.12	0.02	0.005	0.071	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/76-09/02/76	2	0.075	0.075	0.09	0.06	0.	0.021	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/76-09/02/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/76-09/02/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/76-09/02/76	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	2	44.	44.	44.	44.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/76-09/02/76	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/76-09/02/76	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/76-09/02/76	2	1.8	1.8	2.1	1.5	0.18	0.424	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/76-09/02/76	2	2.2	2.2	2.3	2.1	0.02	0.141	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/18/76-09/02/76	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	03/18/76-09/02/76	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/76-09/02/76	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/76-09/02/76	2	0.8	0.8	1.	0.6	0.08	0.283	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/76-09/02/76	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/76-09/02/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/76-09/02/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/76-09/02/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/76-09/02/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/76-05/11/77	6	23.	53.75	160.	0.5	4359.575	66.027	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/76-05/11/77	6	1.278	1.213	2.204	-0.301	0.863	0.929	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.336								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-09/02/76	5 ##	0.5	36.9	170.	0.5	5565.425	74.602	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: OLYM0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-09/02/76	5 ##	-0.301	0.488	2.23	-0.301	1.324	1.151	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.078								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/18/76-05/11/77	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/18/76-05/11/77	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								

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

EPA Water Quality Criteria Analysis for Station: OLYM0156

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	10	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	10	3	0.30	1	0	0.00	4	1	0.25	4	1	0.25	1	1	1.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00				1	0	0.00				1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00				1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
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
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00				1	0	0.00	3	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: OLYM0157

NPS Station ID: OLYM0157
LAT/LON: 48.144448/-123.555281
Agency: 112WRD
Date Created: 04/14/78
Location: 31N/07W-34B03
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480840123331901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/11/77-05/11/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/11/77-05/11/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/11/77-05/11/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/77-05/11/77	1	89.	89.	89.	89.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/11/77-05/11/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/11/77-05/11/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/77-05/11/77	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/11/77-05/11/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/11/77-05/11/77	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/11/77-05/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/11/77-05/11/77	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/11/77-05/11/77	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/11/77-05/11/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/77-05/11/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/77-05/11/77	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/77-05/11/77	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/11/77-05/11/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/11/77-05/11/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/77-05/11/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/11/77-05/11/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/11/77-05/11/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/11/77-05/11/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/11/77-05/11/77	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/11/77-05/11/77	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/11/77-05/11/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/11/77-05/11/77	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/11/77-05/11/77	1	58.	58.	58.	58.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/11/77-05/11/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/11/77-05/11/77	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	1	31.	31.	31.	31.	0.	0.	**	**	**	**
72016	DEPTH TO BOTTOM OF SAMPLE INTERVAL (FT BELOW LSD)	05/11/77-05/11/77	1	31.	31.	31.	31.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0157

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
31625	FECAL COLIFORM, MF	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: OLYM0158

NPS Station ID: OLYM0158 LAT/LON: 48.150003/-123.557781 Agency: 112WRD Date Created: 07/30/76
Location: WEST SLOUGH AT ANGELES PT NR PORT ANGELES, WA FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12046520
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110020026 RF1 Mile Point: 0.430 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/76-05/10/77	12	10.4	9.925	15.2	2.6	15.104	3.886	3.44	7.05	12.65	15.14
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/76-03/23/77	7	0.	1.	5.	0.	3.333	1.826	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/76-05/10/77	11	105.	149.091	380.	81.	9055.691	95.161	82.6	91.	160.	360.
00300	OXYGEN, DISSOLVED MG/L	03/18/76-05/10/77	9	11.3	11.222	13.2	9.2	1.837	1.355	9.2	10.	12.4	13.2
00400	PH (STANDARD UNITS)	03/18/76-05/10/77	10	7.15	7.08	7.6	6.6	0.108	0.329	6.61	6.775	7.275	7.59
00400	CONVERTED PH (STANDARD UNITS)	03/18/76-05/10/77	10	7.147	6.974	7.6	6.6	0.121	0.348	6.61	6.775	7.275	7.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/76-05/10/77	10	0.071	0.106	0.251	0.025	0.006	0.075	0.026	0.055	0.169	0.246
00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/76-09/02/76	2	9.9	9.9	15.	4.8	52.02	7.212	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	2	38.5	38.5	39.	38.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/18/76-09/02/76	2	47.	47.	48.	46.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/18/76-09/02/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/18/76-09/02/76	2	0.135	0.135	0.16	0.11	0.001	0.035	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/76-09/02/76	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/18/76-09/02/76	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/76-09/02/76	2	0.185	0.185	0.21	0.16	0.001	0.035	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/76-09/02/76	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/76-09/02/76	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/76-09/02/76	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/76-09/02/76	2	41.	41.	42.	40.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/76-09/02/76	2	2.5	2.5	4.	1.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/76-09/02/76	2	13.5	13.5	14.	13.	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/76-09/02/76	2	1.7	1.7	1.8	1.6	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/76-09/02/76	2	2.5	2.5	2.8	2.2	0.18	0.424	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/18/76-09/02/76	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	03/18/76-09/02/76	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/76-09/02/76	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/76-09/02/76	2	1.35	1.35	2.	0.7	0.845	0.919	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/76-09/02/76	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/76-09/02/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/76-09/02/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/76-09/02/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/76-09/02/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/76-05/11/77	6	51.5	125.917	450.	0.5	31476.642	177.417	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/76-05/11/77	6	1.239	1.239	2.653	-0.301	1.508	1.228	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.321								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-09/02/76	5 ##	0.5	2.5	10.	0.5	17.625	4.198	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-09/02/76	5 ##	-0.301	0.019	1.	-0.301	0.317	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 time series plot

Parameter Inventory for Station: OLYM0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.046								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/18/76-05/11/77	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/18/76-05/11/77	2 ##	0.088	0.088	0.477	-0.301	0.303	0.55	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.225								

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

EPA Water Quality Criteria Analysis for Station: OLYM0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	10	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00				1	0	0.00				1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00				1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
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
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00				1	0	0.00	3	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: OLYM0159

NPS Station ID: OLYM0159 LAT/LON: 48.144726/-123.563893 Agency: 112WRD Date Created: 07/30/76
Location: ELWHA R NR MOUTH NR PORT ANGELES WASH FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12046510
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110020001 RF1 Mile Point: 9.700 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/76-02/02/77	4	6.25	6.4	9.5	3.6	6.873	2.622	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/18/76-06/01/76	3	1.	0.667	1.	0.	0.333	0.577	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/76-02/02/77	4	113.	612.5	2130.	94.	1023552.333	1011.708	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/18/76-02/02/77	3	12.9	12.633	13.2	11.8	0.543	0.737	**	**	**	**
00400	PH (STANDARD UNITS)	03/18/76-02/02/77	4	6.95	6.925	7.4	6.4	0.209	0.457	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/18/76-02/02/77	4	6.882	6.757	7.4	6.4	0.247	0.497	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/76-02/02/77	4	0.131	0.175	0.398	0.04	0.027	0.164	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/18/76-03/18/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/18/76-03/18/76	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/18/76-03/18/76	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/18/76-03/18/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/18/76-03/18/76	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/18/76-03/18/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/18/76-03/18/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/18/76-03/18/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/18/76-03/18/76	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/18/76-03/18/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/18/76-03/18/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/18/76-03/18/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/76-03/18/76	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/18/76-03/18/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/76-03/18/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/76-03/18/76	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/76-03/18/76	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/18/76-03/18/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/18/76-03/18/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/76-03/18/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/76-03/18/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/76-03/18/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/76-04/28/76	2	20.	20.	37.	3.	578.	24.042	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/76-04/28/76	2	1.023	1.023	1.568	0.477	0.595	0.772	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.536								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-04/28/76	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/18/76-04/28/76	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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

EPA Water Quality Criteria Analysis for Station: OLYM0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00				1	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00				2	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00				2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	1	0.25				2	1	0.50	2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00				1	0	0.00	1	0	0.00			

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

Station Inventory for Station: OLYM0160

NPS Station ID: OLYM0160
Location: IVER
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110021
Major Basin:
Minor Basin: 12 TH OF ELWHA R
RF1 Index: 17110021
RF3 Index:
Description:
MOUTH OF ELWHA RIVER

LAT/LON: 48.153338/-123.566670
Depth of Water: 3276
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 10EPACOP
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 033329
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 04/21/79
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: OLYM0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/76-08/18/76	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/24/73-08/18/76	6	29.5	21.317	31.4	2.9	200.934	14.175	**	**	**	**
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	9	0.	0.556	3.	0.	1.028	1.014	0.	0.	1.	3.
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	10	397.5	337.3	478.	135.	20866.678	144.453	135.	135.	450.	475.2
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	10	1691.5	1678.6	1830.	1530.	14528.711	120.535	1530.	1530.	1800.	1827.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	08/25/75-08/25/75	2	245.	245.	245.	245.	0.	0.	**	**	**	**
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	1	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	10	202.	197.6	262.	123.	1792.711	42.34	125.9	162.5	228.	259.5
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	10	6.5	10.2	26.	0.	114.178	10.685	0.	0.75	20.75	26.

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

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

Station Inventory for Station: OLYM0161

NPS Station ID: OLYM0161 LAT/LON: 48.065560/-123.576392 Agency: 112WRD Date Created: / /
Location: ELWHA R BLW LITTLE R NR PORT ANGELES FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12045560
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110020002 RF1 Mile Point: 6.520 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/25/73-09/25/73	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/71-09/17/74	18	6.05	6.889	12.3	3.2	8.692	2.948	3.65	4.45	10.075	11.31
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/27/71-09/25/73	12	1290.	1880.5	6900.	520.	3228487.364	1796.799	564.4	927.5	1750.	5979.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/27/71-09/17/74	18	3.5	8.389	50.	1.	179.899	13.413	1.	1.	6.	36.5
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/71-09/17/74	18	10.5	14.222	43.	2.	126.301	11.238	2.	7.	17.5	34.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/71-09/17/74	18	84.5	85.833	112.	67.	143.324	11.972	67.9	78.	95.25	105.7
00300	OXYGEN, DISSOLVED MG/L	10/27/71-09/17/74	18	12.5	12.25	13.5	10.6	0.978	0.989	10.69	11.5	13.075	13.41
00400	PH (STANDARD UNITS)	10/27/71-09/17/74	18	7.6	7.6	7.8	7.4	0.018	0.133	7.4	7.5	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/27/71-09/17/74	18	7.6	7.581	7.8	7.4	0.018	0.134	7.4	7.5	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/71-09/17/74	18	0.025	0.026	0.04	0.016	0.	0.008	0.016	0.02	0.032	0.04
00405	CARBON DIOXIDE (MG/L AS CO2)	10/27/71-09/25/73	12	1.75	1.642	2.	1.1	0.115	0.34	1.13	1.325	1.975	2.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/71-09/25/73	12	36.5	35.333	44.	26.	32.606	5.71	26.6	29.25	39.	43.4
00440	BICARBONATE ION (MG/L AS HCO3)	10/27/71-09/25/73	12	44.5	43.	54.	32.	48.727	6.98	32.6	35.5	47.75	53.1
00445	CARBONATE ION (MG/L AS CO3)	10/27/71-10/27/71	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/14/71-08/08/72	5	0.05	0.052	0.12	0.	0.002	0.05	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-09/17/74	18	0.05	0.072	0.2	0.01	0.004	0.06	0.01	0.02	0.113	0.182
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	6 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/28/72-05/30/73	4	0.004	0.005	0.009	0.002	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	6	0.045	0.398	2.2	0.01	0.779	0.883	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/72-09/25/73	6	0.04	0.05	0.11	0.01	0.001	0.036	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	5	0.1	0.1	0.16	0.02	0.004	0.062	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	6	0.03	0.032	0.06	0.01	0.	0.021	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/27/71-09/17/74	18	0.005	0.01	0.03	0.	0.	0.012	0.	0.	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-09/17/74	18	0.01	0.021	0.072	0.005	0.	0.022	0.005	0.008	0.028	0.061
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-09/17/74	18 ##	0.005	0.006	0.01	0.002	0.	0.002	0.003	0.005	0.007	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/27/71-09/25/73	12	36.	36.25	43.	25.	33.295	5.77	26.2	31.75	41.75	43.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/71-09/25/73	12	1.	1.417	3.	0.	2.083	1.443	0.	0.	3.	3.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/71-09/25/73	12	12.5	12.6	15.	9.2	3.593	1.895	9.44	11.25	14.	15.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/71-09/25/73	12	1.1	1.15	1.8	0.6	0.13	0.361	0.66	0.9	1.4	1.71
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/71-09/25/73	12	2.	1.842	2.6	0.5	0.31	0.557	0.77	1.45	2.2	2.51
00931	SODIUM ADSORPTION RATIO	10/27/71-09/25/73	12	0.1	0.117	0.2	0.	0.003	0.058	0.03	0.1	0.175	0.2
00932	SODIUM, PERCENT	10/27/71-09/25/73	12	10.	9.667	11.	4.	3.697	1.923	5.5	9.25	11.	11.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/71-09/25/73	12	0.2	0.275	1.1	0.	0.084	0.29	0.03	0.1	0.3	0.92
00940	CHLORIDE,TOTAL IN WATER MG/L	10/27/71-09/25/73	12	1.	0.925	1.	0.6	0.017	0.129	0.66	0.825	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/28/72-09/25/73	6	7.5	7.833	9.	7.	0.967	0.983	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/71-09/17/74	18	67.	88.833	200.	30.	2911.088	53.955	30.	46.75	150.	173.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/27/71-09/17/74	18	1.826	1.873	2.301	1.477	0.07	0.265	1.477	1.668	2.176	2.238
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			74.664								

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

Parameter Inventory for Station: OLYM0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/71-08/08/72	6	0.2	1.75	9.7	0.	15.179	3.896	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/27/71-08/08/72	6	0.015	0.015	0.03	0.	0.	0.016	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0161

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	18	1	0.06	3	0	0.00	6	1	0.17	6	0	0.00	3	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
00400	PH	Fresh Chronic	9.	18	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	18	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	250.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	18	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00

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

Station Inventory for Station: OLYM0162

NPS Station ID: OLYM0162 LAT/LON: 48.065560/-123.576392 Agency: 21540000 Date Created: / /
Location: ELWHA RIVER NEAR PORT ANGELES FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 18B070 /0918B070 /12045560 /541076
RMI-Indexes: 1311241 Within Park Boundary: No
RMI-Miles: 0008.10
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: PUGET SOUND (ELWHA DUNGENESS-18) ECO Region:
RF1 Index: 17110020002 RF1 Mile Point: 6.520 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATE AT BRIDGE ON HIGHWAY 101, 12 MILES WEST OF PORT ANGELES SOUTHWEST REGION
7.5 QUAD- ELWHA 15 QUAD- JOYCE
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 220

Parameter Inventory for Station: OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	76	7.45	8.596	15.7	2.5	14.493	3.807	4.31	5.425	11.975	14.5
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	48	762.	760.729	777.	747.	35.393	5.949	752.	757.	764.	769.
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	75	1360.	1629.013	9660.	306.	2041050.23	1428.653	428.	761.	1900.	2892.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/05/60-06/02/65	14	5.	11.786	60.	0.	336.951	18.356	0.	0.	21.25	50.
00080	COLOR (PLATINUM-COBALT UNITS)	07/09/59-11/12/68	29	5.	4.31	10.	0.	6.65	2.579	0.	5.	5.	5.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	78	85.	85.154	110.	63.	126.262	11.237	70.	76.	93.	100.1
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	75	11.7	11.667	14.1	10.	0.998	0.999	10.3	10.8	12.6	12.84
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/29/97	48	99.3	98.883	105.	93.1	6.204	2.491	95.19	97.125	100.875	101.55
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	78	7.6	7.544	8.2	6.4	0.087	0.296	7.18	7.4	7.7	7.81
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	78	7.6	7.413	8.2	6.4	0.105	0.324	7.18	7.4	7.7	7.81
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	78	0.025	0.039	0.398	0.006	0.002	0.049	0.016	0.02	0.04	0.067
00440	BICARBONATE ION (MG/L AS HCO3)	07/09/59-08/15/66	29	42.	41.276	51.	32.	26.207	5.119	34.	36.5	44.	50.
00445	CARBONATE ION (MG/L AS CO3)	10/05/60-08/15/66	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	47	3.	8.915	71.	0.5	231.308	15.209	0.5	2.	10.	21.6
00600	NITROGEN, TOTAL (MG/L AS N)	10/26/93-09/29/97	45	0.03	0.039	0.11	0.005	0.001	0.029	0.005	0.02	0.055	0.084
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-09/29/97	46 ##	0.005	0.006	0.021	0.005	0.	0.004	0.005	0.005	0.005	0.013
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/59-08/15/66	29	0.02	0.032	0.2	0.	0.002	0.041	0.	0.	0.05	0.07
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/29/97	48 ##	0.005	0.017	0.09	0.005	0.	0.019	0.005	0.005	0.02	0.051
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/09/59-06/02/65	27	0.01	0.015	0.11	0.	0.001	0.023	0.	0.	0.02	0.042
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/93-09/29/97	45 ##	0.005	0.017	0.079	0.005	0.	0.018	0.005	0.005	0.024	0.048
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	47 ##	0.003	0.003	0.006	0.003	0.	0.001	0.003	0.003	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/09/59-11/12/68	30	37.5	37.433	46.	29.	19.564	4.423	30.2	34.	40.	44.9
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/09/59-11/12/68	30	4.	3.733	7.	2.	1.582	1.258	2.	2.75	4.	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/59-08/15/66	29	14.	13.379	16.	10.	2.815	1.678	11.	12.	14.5	16.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/59-08/15/66	29	1.	0.99	1.7	0.1	0.125	0.353	0.5	0.8	1.2	1.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/59-08/15/66	29	1.9	1.817	2.3	1.2	0.086	0.294	1.4	1.55	2.05	2.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/59-08/15/66	29	0.2	0.286	2.	0.	0.133	0.364	0.	0.1	0.4	0.4
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/59-08/15/66	29	0.8	0.803	5.	0.	0.74	0.86	0.2	0.5	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/59-08/15/66	29	7.	7.483	9.	5.	1.187	1.09	6.	7.	8.	9.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/59-08/15/66	29	0.1	0.083	0.3	0.	0.004	0.06	0.	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/59-06/12/70	36	5.9	5.811	7.8	0.5	1.79	1.338	4.44	5.425	6.7	7.12

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

Parameter Inventory for Station: OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	04/11/60-11/12/68	11	0.	1.821	20.	0.	36.353	6.029	0.	0.	0.01	16.002
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/12/68-11/12/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/12/68-11/12/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/09/59-06/02/65	27	70.	145.556	620.	0.	31887.179	178.57	16.	40.	170.	556.
01092	ZINC, TOTAL (UG/L AS ZN)	11/12/68-11/12/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/59-08/15/66	29	0.	23.741	430.	0.	6495.118	80.592	0.	0.	20.75	36.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/59-08/15/66	29	0.	0.452	2.633	0.	0.611	0.782	0.	0.	1.269	1.556
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2.834								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	48 ##	0.75	1.479	7.	0.5	2.468	1.571	0.5	0.5	2.	4.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	48 ##	-0.151	-0.005	0.845	-0.301	0.133	0.365	-0.301	-0.301	0.301	0.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.988								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/09/59-11/12/68	30	54.	53.6	67.	42.	46.593	6.826	44.	48.	58.	64.8
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	48	4.	10.455	95.	0.25	351.897	18.759	0.78	1.5	9.75	26.1

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

EPA Water Quality Criteria Analysis for Station: OLYM0162

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	14	1	0.07	2	0	0.00	5	1	0.20	6	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	75	0	0.00	12	0	0.00	24	0	0.00	27	0	0.00	12	0	0.00
00400	PH	Fresh Chronic	9.	78	0	0.00	13	0	0.00	26	0	0.00	27	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	78	1	0.01	13	1	0.08	26	0	0.00	27	0	0.00	12	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	29	0	0.00	4	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	48	0	0.00	8	0	0.00	16	0	0.00	16	0	0.00	8	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	29	0	0.00	4	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00
		Drinking Water	250.	29	0	0.00	4	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	29	0	0.00	4	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	29	0	0.00	4	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	29	0	0.00	4	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	48	0	0.00	8	0	0.00	16	0	0.00	16	0	0.00	8	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	48	3	0.06	8	1	0.13	16	2	0.13	16	0	0.00	8	0	0.00

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

Annual Analysis for 1959 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	6	11.65	10.35	15.	5.4	14.835	3.852	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	6	1490.	2618.333	6500.	616.	6125511.067	2474.977	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	6	82.5	81.833	90.	71.	62.167	7.885	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	6	10.9	11.183	12.6	10.	1.014	1.007	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	6	7.4	7.267	7.6	6.4	0.191	0.437	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	6	7.4	7.011	7.6	6.4	0.269	0.519	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	6	0.04	0.097	0.398	0.025	0.022	0.148	**	**	**	**

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

Annual Analysis for 1960 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	8	8.75	8.65	13.9	3.2	15.7	3.962	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	8	1640.	1435.625	2330.	348.	480739.982	693.354	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	8	90.5	90.75	106.	70.	162.786	12.759	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	7	10.6	11.357	13.1	10.4	1.303	1.141	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	8	7.75	7.737	8.	7.6	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	8	7.747	7.719	8.	7.6	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	8	0.018	0.019	0.025	0.01	0.	0.006	**	**	**	**

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

Annual Analysis for 1961 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	4	7.65	8.9	15.5	4.8	21.18	4.602	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	4	1800.	1765.5	2510.	952.	419214.333	647.468	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	4	92.5	86.75	93.	69.	140.25	11.843	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	3	11.9	11.5	12.6	10.	1.81	1.345	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	4	7.6	7.6	7.7	7.5	0.007	0.082	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	4	7.6	7.594	7.7	7.5	0.007	0.082	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	4	0.025	0.025	0.032	0.02	0.	0.005	**	**	**	**

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

Annual Analysis for 1962 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	4	6.15	8.325	15.5	5.5	23.176	4.814	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	4	1125.	1495.25	2970.	761.	998876.917	999.438	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	4	86.5	87.25	94.	82.	32.917	5.737	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	4	11.85	11.95	14.1	10.	3.097	1.76	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	4	7.6	7.55	7.7	7.3	0.037	0.191	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	4	7.589	7.517	7.7	7.3	0.038	0.195	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	4	0.026	0.03	0.05	0.02	0.	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

Annual Analysis for 1963 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	2	10.5	10.5	14.5	6.5	32.	5.657	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	2	1395.	1395.	1560.	1230.	54450.	233.345	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	2	82.	82.	88.	76.	72.	8.485	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	2	11.65	11.65	12.5	10.8	1.445	1.202	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	2	7.5	7.5	7.6	7.4	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	2	7.489	7.489	7.6	7.4	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	2	0.032	0.032	0.04	0.025	0.	0.01	**	**	**	**

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

Annual Analysis for 1964 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	2	7.25	7.25	10.1	4.4	16.245	4.031	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	1	3170.	3170.	3170.	3170.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	2	72.5	72.5	82.	63.	180.5	13.435	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	2	12.1	12.1	12.6	11.6	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	2	7.45	7.45	7.7	7.2	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	2	7.382	7.382	7.7	7.2	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	2	0.042	0.042	0.063	0.02	0.001	0.031	**	**	**	**

** - 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

Annual Analysis for 1965 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

Annual Analysis for 1966 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	2	1355.	1355.	1380.	1330.	1250.	35.355	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	2	90.	90.	103.	77.	338.	18.385	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	2	11.8	11.8	12.2	11.4	0.32	0.566	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	2	7.3	7.3	7.6	7.	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	2	7.204	7.204	7.6	7.	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	2	0.063	0.063	0.1	0.025	0.003	0.053	**	**	**	**

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

Annual Analysis for 1968 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**

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

Annual Analysis for 1993 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	3	5.6	6.7	10.1	4.4	9.03	3.005	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	3	771.	770.	777.	762.	57.	7.55	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	3	448.	576.	969.	311.	120529.	347.173	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	3	100.	92.333	110.	67.	506.333	22.502	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	3	12.4	12.333	12.8	11.8	0.253	0.503	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/29/97	3	98.2	99.167	102.2	97.1	7.203	2.684	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	3	7.7	7.567	7.7	7.3	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	3	7.7	7.523	7.7	7.3	0.056	0.237	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	3	0.02	0.03	0.05	0.02	0.	0.017	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	3	15.	11.5	19.	0.5	94.75	9.734	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/29/97	3	0.03	0.037	0.06	0.02	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	3	4.	4.	7.	1.	9.	3.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	3	0.602	0.482	0.845	0.	0.189	0.435	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.037								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	3	18.	14.667	25.	1.	152.333	12.342	**	**	**	**

** - 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

Annual Analysis for 1994 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	12	7.75	8.317	13.7	3.7	14.729	3.838	3.79	5.	12.35	13.58
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	12	762.	760.667	765.	747.	23.333	4.83	750.	760.	763.75	764.7
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	12	1061.5	1674.917	9660.	306.	6534491.902	2556.265	331.8	488.	1487.5	7257.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	12	92.5	88.	105.	69.	152.909	12.366	69.3	77.25	98.	103.5
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	12	11.75	11.775	13.1	10.5	1.068	1.033	10.5	10.625	12.8	13.04
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/29/97	12	99.1	99.2	105.	95.1	6.353	2.52	95.64	97.4	100.6	103.77
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	12	7.75	7.775	8.2	7.5	0.051	0.226	7.5	7.55	7.9	8.17
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	12	7.747	7.725	8.2	7.5	0.054	0.232	7.5	7.55	7.9	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	12	0.018	0.019	0.032	0.006	0.	0.009	0.007	0.013	0.029	0.032
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	11	3.	9.636	68.	0.5	386.205	19.652	0.5	1.	10.	56.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/29/97	12 ##	0.008	0.015	0.05	0.005	0.	0.015	0.005	0.005	0.02	0.047
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	11 ##	0.005	0.005	0.005	0.003	0.	0.001	0.003	0.005	0.005	0.005
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12	1.	1.458	4.	0.5	1.703	1.305	0.5	0.5	2.	4.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12	0.	0.025	0.602	-0.301	0.123	0.351	-0.301	-0.301	0.301	0.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.059								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	12	2.9	9.567	75.	0.5	434.206	20.838	0.59	1.075	7.9	55.5

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

Annual Analysis for 1995 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	12	9.1	9.333	14.6	4.8	13.69	3.7	5.04	5.9	13.8	14.57
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	12	762.	761.417	770.	753.	27.72	5.265	753.3	756.75	765.75	769.1
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	12	1450.	1658.917	4180.	306.	1641081.356	1281.047	360.6	724.75	2055.	4159.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	12	83.	84.5	108.	69.	128.818	11.35	69.6	75.25	89.5	105.6
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	12	11.55	11.617	12.8	10.3	0.845	0.919	10.3	10.7	12.55	12.77
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/29/97	12	100.5	100.208	103.	95.2	3.383	1.839	96.52	99.725	100.975	102.52
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	12	7.7	7.642	8.	7.2	0.054	0.231	7.23	7.5	7.775	7.97
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	12	7.7	7.581	8.	7.2	0.058	0.24	7.23	7.5	7.775	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	12	0.02	0.026	0.063	0.01	0.	0.016	0.011	0.017	0.032	0.059
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	12	3.	13.542	71.	0.5	465.794	21.582	0.65	2.	16.	62.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/29/97	12 ##	0.005	0.011	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.027
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	12 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12 ##	0.5	0.917	3.	0.5	0.629	0.793	0.5	0.5	1.	2.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12 ##	-0.301	-0.136	0.477	-0.301	0.075	0.273	-0.301	-0.301	0.	0.424
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.731								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	12	3.35	16.621	95.	0.25	852.189	29.192	0.325	1.2	18.75	83.

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

Annual Analysis for 1996 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	12	6.9	8.217	15.7	2.6	19.716	4.44	2.93	4.275	12.025	15.52
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	12	759.	759.333	769.	749.	42.97	6.555	749.9	753.	764.5	769.
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	12	1165.	1236.167	2330.	345.	426284.333	652.905	360.9	702.5	1697.5	2276.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	12	89.	87.417	100.	72.	67.174	8.196	73.2	82.	92.75	99.4
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	12	11.85	11.742	13.3	10.	1.146	1.071	10.03	10.9	12.725	13.18
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/29/97	12	99.2	98.692	102.	94.1	7.394	2.719	94.25	96.575	101.1	101.85
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	12	7.45	7.467	7.8	6.8	0.068	0.261	6.95	7.4	7.675	7.77
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	12	7.447	7.375	7.8	6.8	0.077	0.277	6.95	7.4	7.675	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	12	0.036	0.042	0.158	0.016	0.001	0.038	0.017	0.021	0.04	0.126
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	12	2.5	3.75	11.	0.5	11.795	3.434	0.5	1.	5.75	10.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/29/97	12 ##	0.005	0.011	0.04	0.005	0.	0.011	0.005	0.005	0.018	0.034
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	12 ##	0.003	0.003	0.006	0.003	0.	0.001	0.003	0.003	0.003	0.006
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12 ##	0.75	1.583	6.	0.5	3.22	1.794	0.5	0.5	2.5	5.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12 ##	-0.151	0.004	0.778	-0.301	0.158	0.398	-0.301	-0.301	0.358	0.725
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.01								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	12	2.4	4.525	14.	0.6	21.589	4.646	0.78	1.5	7.125	13.7

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

Annual Analysis for 1997 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	9	7.4	7.756	12.6	2.5	11.908	3.451	2.5	5.	11.	12.6
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	9	759.	758.667	765.	750.	23.75	4.873	750.	754.5	762.5	765.
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	9	1860.	1855.556	2840.	1010.	405627.778	636.889	1010.	1315.	2420.	2840.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	9	75.	75.778	92.	68.	53.444	7.311	68.	70.5	79.	92.
00300	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	9	11.7	11.611	12.7	10.3	0.886	0.941	10.3	10.7	12.5	12.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/29/97	9	96.8	96.856	99.3	93.1	3.598	1.897	93.1	95.8	98.45	99.3
00400	PH (STANDARD UNITS)	07/09/59-09/29/97	9	7.2	7.267	7.8	7.	0.092	0.304	7.	7.	7.55	7.8
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	9	7.2	7.186	7.8	7.	0.1	0.316	7.	7.	7.55	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	9	0.063	0.065	0.1	0.016	0.001	0.036	0.016	0.028	0.1	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	9	4.	7.889	32.	1.	90.361	9.506	1.	2.5	9.	32.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/29/97	9	0.01	0.03	0.09	0.005	0.001	0.032	0.005	0.005	0.06	0.09

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

Annual Analysis for 1997 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	9 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	9 ##	0.5	1.278	4.	0.5	1.694	1.302	0.5	0.5	2.	4.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	9 ##	-0.301	-0.047	0.602	-0.301	0.128	0.358	-0.301	-0.301	0.239	0.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.897								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	9	5.6	9.922	36.	1.1	112.902	10.626	1.1	3.7	13.	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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	12	7.55	8.217	13.3	4.8	8.078	2.842	4.86	5.675	11.	12.79
00060p	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	12	641.5	1508.167	6500.	311.	3688485.97	1920.543	322.1	448.	1985.5	5783.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	13	90.	91.692	110.	79.	86.397	9.295	79.4	83.5	99.	106.4
00300p	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	12	11.85	11.75	12.6	10.6	0.419	0.647	10.69	11.125	12.35	12.54
00400p	PH (STANDARD UNITS)	07/09/59-09/29/97	13	7.5	7.415	8.	6.4	0.181	0.426	6.56	7.25	7.7	7.92
00400p	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	13	7.5	7.162	8.	6.4	0.251	0.501	6.56	7.25	7.7	7.92
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	13	0.032	0.069	0.398	0.01	0.011	0.106	0.012	0.02	0.057	0.302
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/59-06/12/70	6	5.7	5.517	5.9	4.5	0.298	0.546	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more 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: 12/01 to 3/31 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	26	5.	4.835	6.5	2.5	1.191	1.091	3.02	4.075	5.6	6.29
00060p	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	25	1530.	2103.36	9660.	627.	3487867.573	1867.583	879.8	1170.	2335.	4472.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	26	89.	86.308	106.	67.	127.342	11.285	68.7	75.75	93.25	103.
00300p	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	24	12.7	12.729	14.1	12.1	0.174	0.418	12.2	12.5	12.9	13.2
00400p	PH (STANDARD UNITS)	07/09/59-09/29/97	26	7.55	7.55	8.1	7.	0.071	0.267	7.21	7.375	7.7	7.93
00400p	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	26	7.547	7.469	8.1	7.	0.078	0.28	7.21	7.375	7.7	7.93
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	26	0.028	0.034	0.1	0.008	0.001	0.023	0.012	0.02	0.042	0.065
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/59-06/12/70	10	6.75	6.76	7.8	5.7	0.527	0.726	5.73	6.	7.475	7.79

** - 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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0162

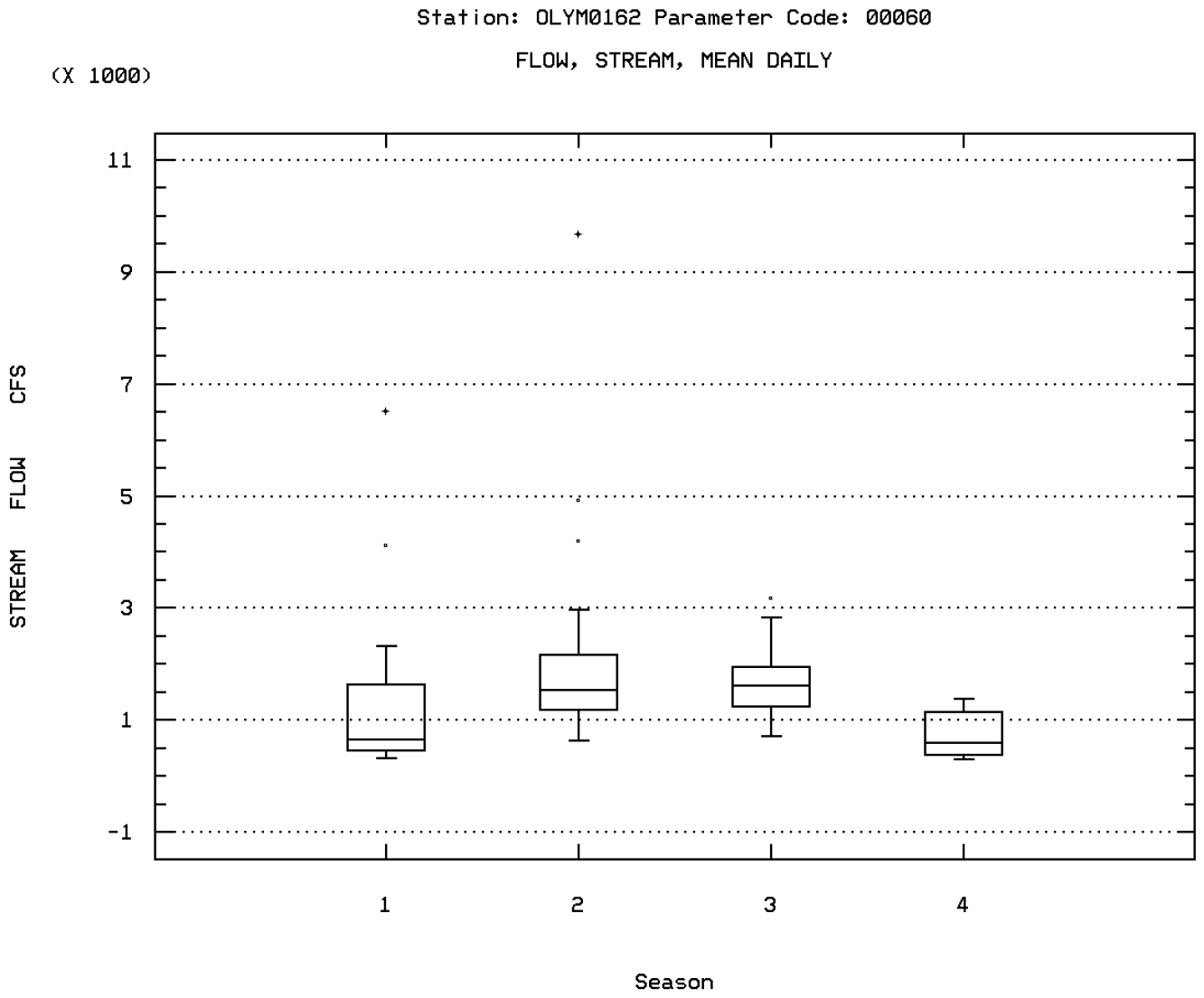
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	27	10.1	10.396	15.7	6.	8.515	2.918	6.3	7.5	12.5	14.7
00060p	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	26	1610.	1644.385	3170.	713.	368357.366	606.925	791.9	1225.	1992.5	2490.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	27	76.	78.778	100.	63.	80.256	8.959	69.	72.	85.	92.4
00300p	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	27	11.2	11.215	12.6	10.	0.52	0.721	10.26	10.5	11.7	12.24
00400p	PH (STANDARD UNITS)	07/09/59-09/29/97	27	7.6	7.589	8.2	7.	0.06	0.245	7.2	7.4	7.7	7.82
00400p	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	27	7.6	7.519	8.2	7.	0.065	0.256	7.2	7.4	7.7	7.82
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	27	0.025	0.03	0.1	0.006	0.	0.02	0.015	0.02	0.04	0.063
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/59-06/12/70	15	5.6	5.32	7.	0.5	3.047	1.746	2.	4.8	6.7	6.94

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

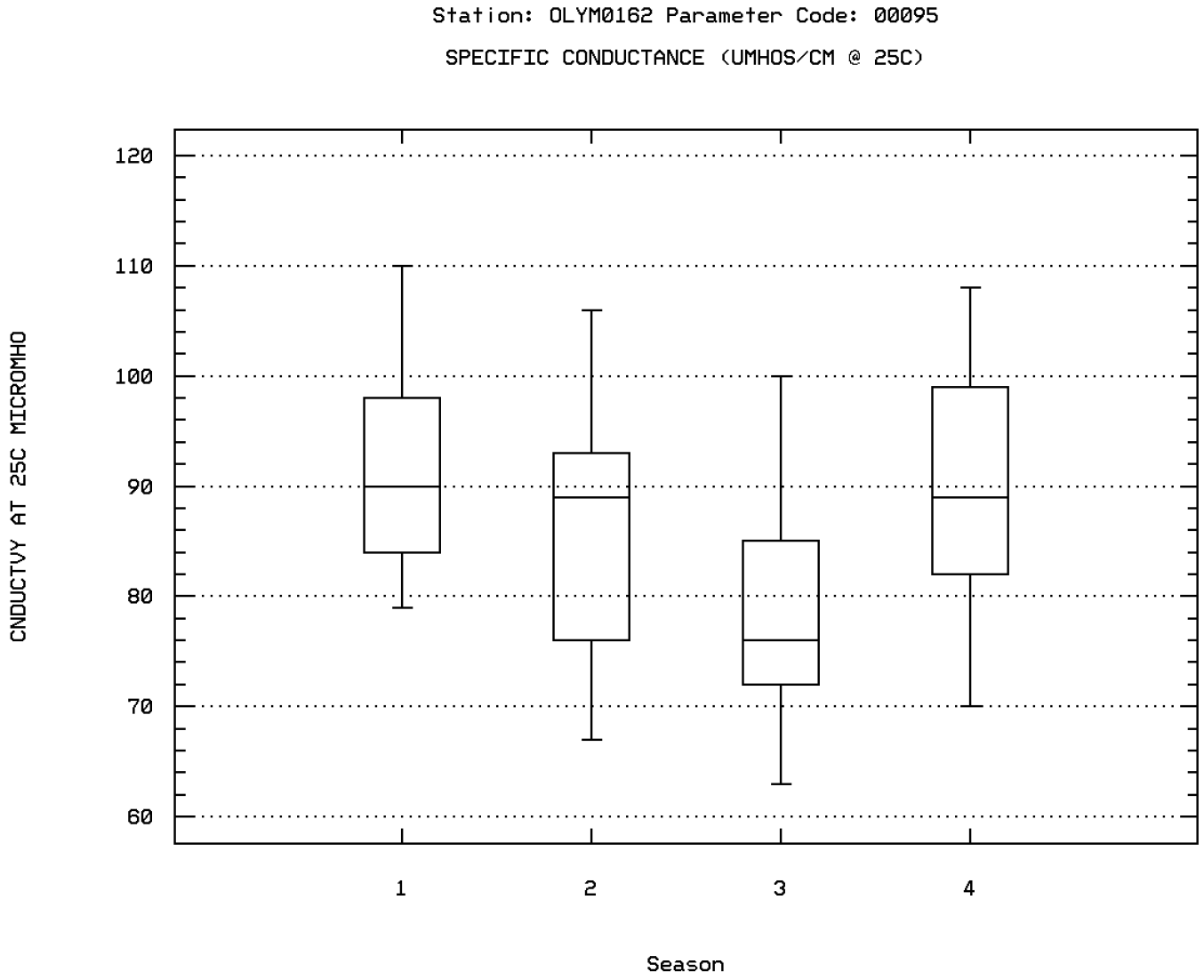
Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-09/29/97	11	13.7	13.482	15.5	10.1	2.73	1.652	10.48	12.6	15.	15.42
00060p	FLOW, STREAM, MEAN DAILY CFS	07/09/59-09/29/97	12	596.	728.333	1380.	306.	182310.242	426.978	306.	356.75	1212.5	1377.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-09/29/97	12	89.	89.917	108.	70.	132.265	11.501	72.1	82.	99.5	107.1
00300p	OXYGEN, DISSOLVED MG/L	07/09/59-09/29/97	12	10.45	10.475	11.4	10.	0.18	0.425	10.	10.075	10.725	11.28
00400p	PH (STANDARD UNITS)	07/09/59-09/29/97	12	7.65	7.567	7.9	7.	0.084	0.29	7.	7.5	7.775	7.87
00400p	CONVERTED PH (STANDARD UNITS)	07/09/59-09/29/97	12	7.647	7.458	7.9	7.	0.097	0.311	7.	7.5	7.775	7.87
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-09/29/97	12	0.023	0.035	0.1	0.013	0.001	0.031	0.014	0.017	0.032	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/59-06/12/70	5	5.6	5.74	6.3	5.3	0.143	0.378	**	**	**	**

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



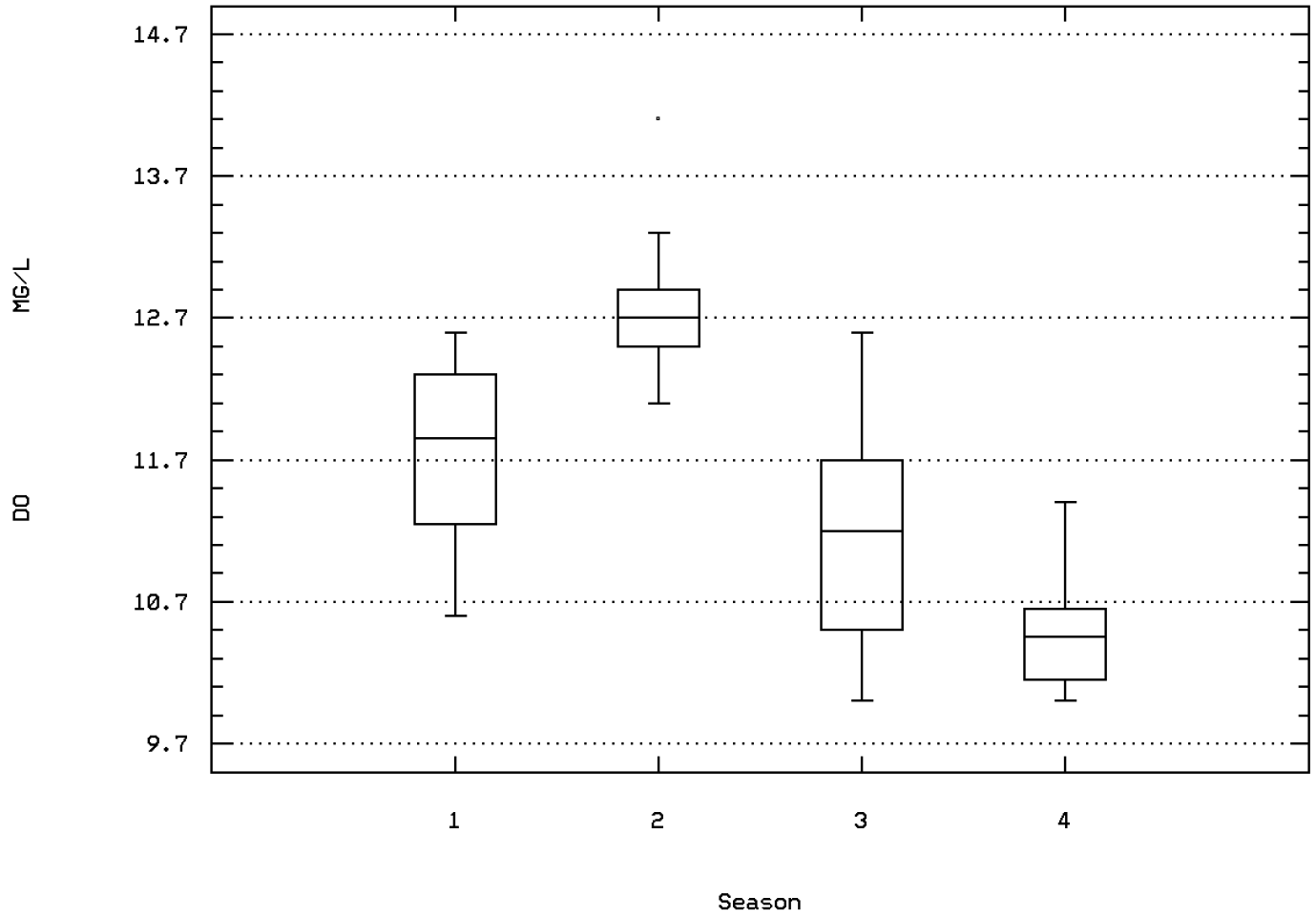
ELWHA RIVER NEAR PORT ANGELES



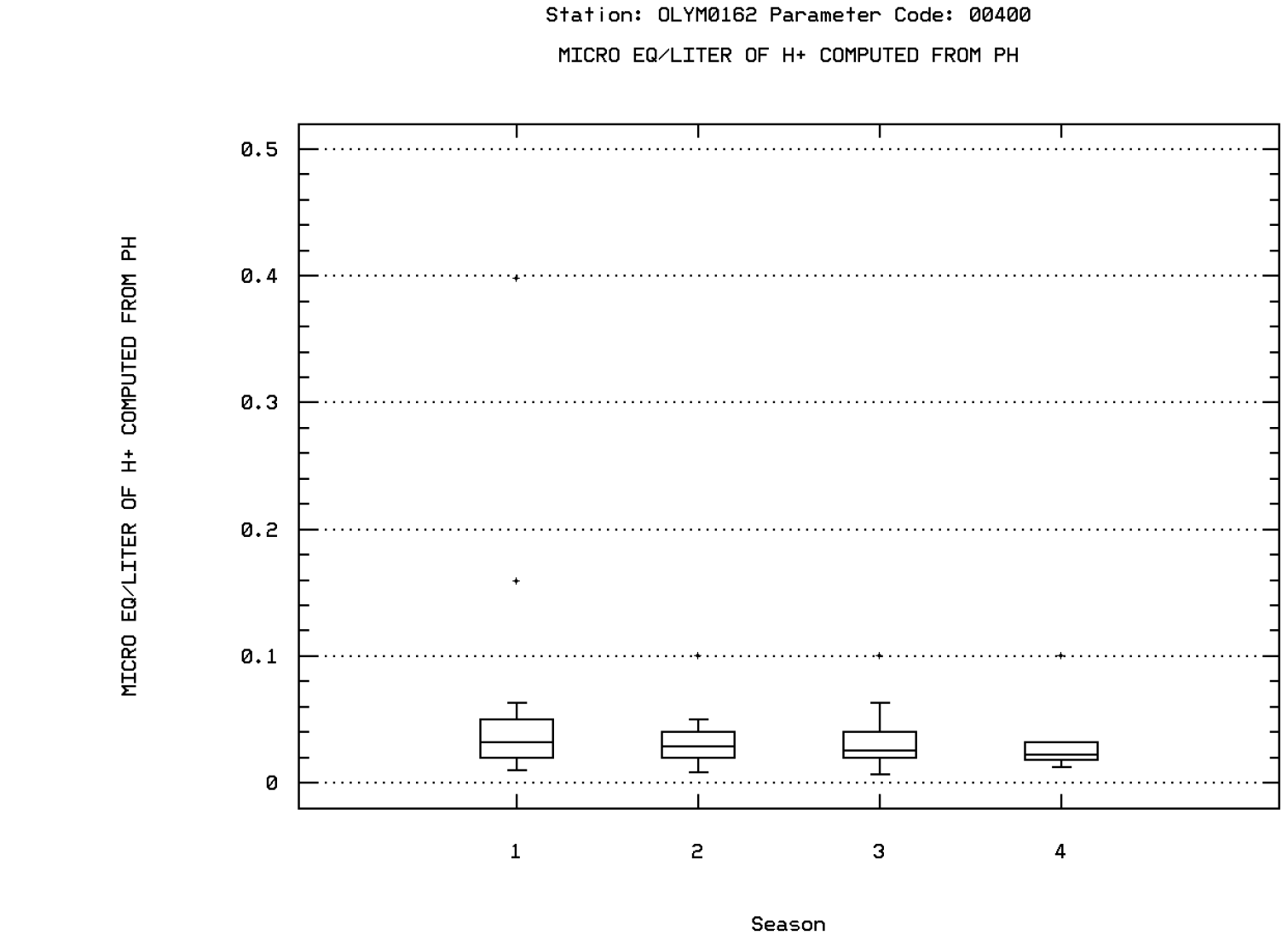
ELWHA RIVER NEAR PORT ANGELES

Station: OLYM0162 Parameter Code: 00300

OXYGEN, DISSOLVED



ELWHA RIVER NEAR PORT ANGELES



ELWHA RIVER NEAR PORT ANGELES

Station Inventory for Station: OLYM0163

NPS Station ID: OLYM0163
LAT/LON: 47.708892/-123.578893
Agency: 112WRD
Date Created: 01/08/94
Location: GLACIER CR NR AMANDA PK WA
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 474232123344400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/09/93-09/09/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/09/93-09/09/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/93-09/09/93	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/09/93-09/09/93	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/93-09/09/93	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/93-09/09/93	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/93-09/09/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/93-09/09/93	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/93-09/09/93	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/93-09/09/93	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/93-09/09/93	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/93-09/09/93	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/09/93-09/09/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/93-09/09/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0164

NPS Station ID: OLYM0164
LAT/LON: 48.055005/-123.581948
Agency: 21540000
Date Created: 03/13/82
Location: ELWHA RIVER AT MCDONALD BRIDGE
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 18B080 /0918B080 /12045500
RMI-Indexes: 1311241
Within Park Boundary: No
RMI-Miles: 0008.60
HUC: 17110020
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND (ELWHA DUNGENESS-18)
ECO Region:
RF1 Index: 17110020002
RF1 Mile Point: 7.320
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/74-05/15/79	21	6.2	7.414	15.3	2.6	13.015	3.608	3.6	4.6	9.6	13.92
00060	FLOW, STREAM, MEAN DAILY CFS	10/25/74-05/15/79	21	1240.	1469.19	5080.	435.	994642.362	997.318	485.2	914.	1835.	2394.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/25/74-05/15/79	21	2.	6.867	70.	0.6	238.572	15.446	0.92	1.	4.5	22.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/74-05/15/79	21	81.	81.381	112.	60.	170.648	13.063	60.2	73.	89.5	99.
00300	OXYGEN, DISSOLVED MG/L	11/14/77-05/15/79	7	11.3	11.429	13.1	10.2	1.039	1.019	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/25/78-01/13/81	24	99.	99.071	106.5	92.6	11.41	3.378	95.25	96.6	100.	105.25
00400	PH (STANDARD UNITS)	10/25/74-05/15/79	20	7.2	7.245	7.7	6.8	0.073	0.27	6.9	7.	7.4	7.69
00400	CONVERTED PH (STANDARD UNITS)	10/25/74-05/15/79	20	7.2	7.169	7.7	6.8	0.079	0.281	6.9	7.	7.4	7.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/74-05/15/79	20	0.063	0.068	0.158	0.02	0.002	0.04	0.02	0.04	0.1	0.126
00405	CARBON DIOXIDE (MG/L AS CO2)	10/25/74-11/14/77	15	4.6	5.193	12.	1.2	7.818	2.796	1.8	2.5	7.1	9.66
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/74-05/15/79	20	32.5	33.	46.	25.	23.158	4.812	25.3	31.	36.5	38.
00440	BICARBONATE ION (MG/L AS HCO3)	10/25/74-11/14/77	14	40.	41.214	56.	31.	37.258	6.104	32.5	38.	45.25	51.
00445	CARBONATE ION (MG/L AS CO3)	03/11/75-11/14/77	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/01/76-08/29/78	9	6.	13.667	80.	0.	638.75	25.274	0.	0.5	11.5	80.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/17/75-05/15/79	12	0.06	0.066	0.16	0.	0.002	0.043	0.006	0.04	0.087	0.145
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/17/75-05/15/79	16	0.02	0.024	0.13	0.	0.001	0.032	0.	0.003	0.035	0.067
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/17/75-09/21/77	9	0.	0.002	0.01	0.	0.	0.004	0.	0.	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/17/75-09/21/77	9	0.02	0.019	0.04	0.01	0.	0.011	0.01	0.01	0.025	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/74-05/15/79	18	0.095	0.099	0.21	0.	0.003	0.052	0.018	0.06	0.13	0.183
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/25/74-05/15/79	20	0.02	0.022	0.05	0.	0.	0.014	0.01	0.01	0.03	0.049
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/17/75-09/21/77	9	0.	0.017	0.09	0.	0.001	0.03	0.	0.	0.03	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/74-05/15/79	20	0.01	0.021	0.08	0.	0.001	0.023	0.	0.01	0.02	0.077
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/17/75-09/21/77	9	0.	0.006	0.03	0.	0.	0.01	0.	0.	0.01	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/25/74-05/15/79	9	1.1	1.3	1.9	0.8	0.218	0.466	0.8	0.85	1.8	1.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/74-05/15/79	20	40.	40.6	55.	30.	31.095	5.576	34.1	37.5	42.	51.3
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/25/74-03/10/81	24	6.	6.5	21.	0.	22.348	4.727	0.5	3.25	8.	13.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/74-05/15/79	20	14.	13.85	16.	11.	1.397	1.182	12.	13.25	14.75	15.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/74-05/15/79	20	1.15	1.43	4.9	0.5	0.932	0.965	0.64	1.	1.525	2.88
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/74-05/15/79	20	2.05	2.045	3.	1.7	0.089	0.298	1.71	1.8	2.2	2.38
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/74-05/15/79	20	0.1	0.16	0.4	0.	0.009	0.094	0.1	0.1	0.2	0.3
00940	CHLORIDE,TOTAL IN WATER MG/L	10/25/74-05/15/79	20	1.	1.11	2.	0.2	0.242	0.492	0.71	0.9	1.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/25/74-05/15/79	20	8.	8.4	15.	5.	5.095	2.257	6.	7.	9.75	11.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/25/74-07/26/78	5	0.	0.4	1.	0.	0.3	0.548	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/26/78-07/26/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/25/74-07/26/78	5	0.	0.4	1.	0.	0.3	0.548	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/25/74-07/26/78	5	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/25/74-07/26/78	5	4.	4.2	7.	2.	3.7	1.924	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/25/74-07/26/78	5	160.	276.	840.	50.	104630.	323.466	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: OLYM0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	10/25/74-07/26/78	5	5.	4.6	9.	0.	11.3	3.362	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/26/78-07/26/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/25/74-07/26/78	5	20.	37.2	120.	6.	2229.2	47.214	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/25/74-07/26/78	5	0.	0.	0.	0.	0.	0.	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/25/74-09/21/77	13	26.	47.346	290.	0.5	6037.974	77.704	0.7	2.	50.5	212.
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	10/25/74-09/21/77	13	1.415	1.158	2.462	-0.301	0.684	0.827	-0.181	0.301	1.697	2.269
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			14.394								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	12/01/76-05/15/79	12 ##	0.75	1.667	6.	0.5	3.561	1.887	0.5	0.5	2.	5.7
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	12/01/76-05/15/79	12 ##	-0.151	0.023	0.778	-0.301	0.165	0.406	-0.301	-0.301	0.301	0.754
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.054								
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	12/01/76-09/21/77	5	3.	5.3	12.	0.5	21.45	4.631	**	**	**	**
31672	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	12/01/76-09/21/77	5	0.477	0.527	1.079	-0.301	0.284	0.533	**	**	**	**
31672	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			3.366								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/74-09/12/79	21	54.	55.476	90.	40.	113.362	10.647	42.8	50.	58.5	67.6
71900	MERCURY, TOTAL (UG/L AS HG)	10/25/74-07/26/78	5	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: OLYM0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	21	1	0.05	5	1	0.20	8	0	0.00	6	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	20	0	0.00	5	0	0.00	8	0	0.00	5	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	20	0	0.00	5	0	0.00	8	0	0.00	5	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	20	0	0.00	5	0	0.00	8	0	0.00	5	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	20	0	0.00	5	0	0.00	8	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	250.	20	0	0.00	5	0	0.00	8	0	0.00	5	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	20	0	0.00	5	0	0.00	8	0	0.00	5	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	5.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	1300.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	15.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	5	1	0.20	2	1	0.50	2	0	0.00	1	0	0.00			
		Drinking Water	5000.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	13	0	0.00	3	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	2.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00			

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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/25/74-03/10/81	7	4.	4.571	12.	1.	12.952	3.599	**	**	**	**

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/25/74-03/10/81	10	7.	6.9	21.	0.	35.211	5.934	0.	2.25	8.25	19.8

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/25/74-03/10/81	5	6.	8.2	15.	5.	18.7	4.324	**	**	**	**

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/25/74-03/10/81	2	7.	7.	8.	6.	2.	1.414	**	**	**	**

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

Station Inventory for Station: OLYM0165

NPS Station ID: OLYM0165 LAT/LON: 48.055005/-123.581948 Agency: 112WRD Date Created: / /
Location: ELWHA RIVER AT MCDONALD BR NR PRT ANGELES, WASH. FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12045500
RMI-Indexes: 1311241 Within Park Boundary: No
RMI-Miles: 0008.60
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110020002 RF1 Mile Point: 7.330 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	151	7.9	8.55	15.5	1.2	14.44	3.8	4.22	5.3	12.	14.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/30/85-04/22/94	4	8.8	8.125	14.7	0.2	41.649	6.454	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	11/29/82-04/22/94	27	760.	758.444	770.	735.	64.872	8.054	747.8	755.	763.	769.2
00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-06/12/70	30	1485.	1822.	6500.	348.	1645099.655	1282.614	640.4	1032.5	2165.	3150.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	90	1100.	1353.2	8100.	372.	1174621.42	1083.8	479.6	702.5	1745.	2334.
00065	STAGE, STREAM (FEET)	04/07/94-04/16/94	2	11.075	11.075	11.12	11.03	0.004	0.064	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/21/74-04/18/78	28	2.	4.357	25.	1.	35.127	5.927	1.	1.	5.5	11.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/78-04/22/94	65	1.7	5.135	75.	0.4	120.711	10.987	0.6	1.	4.2	13.
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/59-06/12/70	30	5.	4.2	10.	0.	7.131	2.67	0.	3.75	5.	5.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	151	84.	84.656	132.	10.	168.201	12.969	71.	79.	93.	100.
00300p	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	123	11.2	11.107	14.1	7.5	2.601	1.613	9.2	10.	12.4	13.16
00400p	PH (STANDARD UNITS)	10/19/59-04/22/94	123	7.6	7.53	10.	6.4	0.193	0.439	7.	7.2	7.8	8.
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	123	7.6	7.343	10.	6.4	0.228	0.477	7.	7.2	7.8	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	123	0.025	0.045	0.398	0.	0.003	0.051	0.01	0.016	0.063	0.1
00403	PH, LAB, STANDARD UNITS SU	10/10/80-04/22/94	45	7.8	7.782	8.3	7.	0.103	0.321	7.36	7.6	8.	8.24
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/80-04/22/94	45	7.8	7.663	8.3	7.	0.118	0.343	7.36	7.6	8.	8.24
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/80-04/22/94	45	0.016	0.022	0.1	0.005	0.	0.018	0.006	0.01	0.025	0.044
00405	CARBON DIOXIDE (MG/L AS CO2)	11/21/74-06/03/80	29	4.1	4.683	17.	0.8	10.84	3.292	0.9	2.35	5.85	8.3
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-09/24/86	91	34.	33.538	50.	21.	32.496	5.701	26.	30.	37.	42.
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/22/85-09/24/86	6	36.5	36.5	40.	32.	11.1	3.332	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/03/80-06/03/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/19/59-06/03/80	60	41.	40.767	52.	29.	33.843	5.817	32.1	36.25	44.	48.9
00445	CARBONATE ION (MG/L AS CO3)	10/19/59-04/18/78	55	0.	0.145	8.	0.	1.164	1.079	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/22/85-09/24/86	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/22/85-09/24/86	6	44.5	44.5	49.	39.	16.3	4.037	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/07/94-04/22/94	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/07/94-04/22/94	3	46.	45.667	47.	44.	2.333	1.528	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/25/76-09/13/78	16	6.	9.313	41.	0.	115.696	10.756	0.	1.	13.	27.7
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	04/14/75-04/16/80	16	0.855	7.792	100.	0.077	608.3	24.664	0.163	0.411	2.6	35.068
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	04/14/75-04/16/80	16	1.185	8.419	104.	0.15	655.437	25.602	0.255	0.508	2.93	37.976
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	59	0.16	0.313	2.9	0.02	0.186	0.431	0.07	0.09	0.37	0.75
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/12/79-09/09/81	21	0.46	0.539	1.6	0.17	0.133	0.365	0.186	0.27	0.69	1.16
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	56	0.12	0.267	2.9	0.	0.195	0.442	0.02	0.043	0.295	0.713
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/17/79-09/09/81	18	0.385	0.454	1.2	0.13	0.089	0.299	0.157	0.198	0.613	0.957
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-09/24/86	49	0.03	0.037	0.13	0.005	0.001	0.034	0.005	0.008	0.06	0.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	63	0.02	0.029	0.13	0.005	0.001	0.028	0.005	0.005	0.04	0.066
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/07/81-09/24/86	8 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/14/75-06/05/81	20 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	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 time series plot

Parameter Inventory for Station: OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/07/81-07/07/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/14/75-06/05/81	20 ##	0.05	0.042	0.05	0.01	0.	0.015	0.011	0.033	0.05	0.05
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/25/77-09/09/81	36	0.195	0.291	1.2	0.01	0.083	0.289	0.044	0.053	0.463	0.725
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	01/30/78-09/09/81	35	0.03	0.063	0.49	0.	0.01	0.102	0.	0.	0.07	0.212
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	88	0.16	0.278	2.9	0.02	0.14	0.374	0.059	0.1	0.333	0.723
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	61	0.05	0.046	0.32	0.01	0.002	0.046	0.01	0.02	0.05	0.078
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-04/22/94	55 ##	0.05	0.047	0.1	0.003	0.	0.017	0.02	0.05	0.05	0.05
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/14/64-06/21/79	4	0.01	0.013	0.03	0.	0.	0.013	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/19/59-07/13/82	44	0.01	0.016	0.11	0.	0.001	0.023	0.	0.	0.028	0.055
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	91	0.01	0.018	0.09	0.005	0.	0.015	0.005	0.01	0.03	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/77-09/24/86	68	0.01	0.013	0.04	0.	0.	0.009	0.005	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/75-04/22/94	52 ##	0.005	0.009	0.04	0.005	0.	0.008	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/14/75-09/09/81	31	1.1	1.884	10.	0.	4.779	2.186	0.42	0.7	2.	5.1
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/25/77-04/22/94	16	1.65	2.081	5.	0.4	2.019	1.421	0.61	0.725	3.5	4.37
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	10/25/77-07/07/81	11	0.1	0.127	0.3	0.	0.014	0.119	0.	0.	0.2	0.3
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	100	40.	38.86	52.	27.	25.899	5.089	31.	36.	43.	45.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/59-11/22/85	80	5.	5.963	21.	2.	11.429	3.381	3.	4.	8.	10.9
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	125	14.	13.66	19.	9.	3.321	1.822	11.	12.	15.	16.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	125	1.2	1.182	2.2	0.3	0.098	0.313	0.8	1.	1.3	1.6
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	125	2.	2.046	4.	1.3	0.202	0.449	1.5	1.8	2.2	2.6
00931p	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	98	0.1	0.134	0.3	0.1	0.003	0.054	0.1	0.1	0.2	0.2
00932p	SODIUM, PERCENT	10/19/59-11/22/85	98	10.	10.046	18.	0.5	7.026	2.651	9.	9.	11.	13.
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/18/79-02/13/80	10	2.15	2.23	3.3	1.7	0.185	0.43	1.72	1.975	2.325	3.21
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	125	0.2	0.287	8.2	0.	0.528	0.727	0.1	0.1	0.3	0.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	125	0.9	0.995	9.	0.	0.789	0.889	0.5	0.7	1.	1.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	125	8.	8.2	14.	1.	3.355	1.832	6.	7.	9.	11.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	125	0.1	0.082	0.3	0.	0.002	0.041	0.05	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	122	5.7	5.738	7.8	2.2	0.758	0.871	4.6	5.2	6.4	6.77
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/20/59-09/24/86	58 ##	0.5	0.474	3.	0.	0.258	0.508	0.	0.	0.5	1.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	04/14/75-01/14/82	20	0.5	0.725	3.	0.	0.434	0.658	0.	0.5	1.	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	04/14/75-04/22/94	29	1.	0.983	4.	0.	0.687	0.829	0.5	0.5	1.	2.
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/25/77-09/24/86	35	9.	15.771	100.	1.	409.829	20.244	3.6	7.	11.	50.
01006	BARIUM, SUSPENDED (UG/L AS BA)	10/25/77-05/19/82	16	0.	18.125	200.	0.	2856.25	53.444	0.	0.	0.	123.
01007	BARIUM, TOTAL (UG/L AS BA)	10/25/77-04/22/94	21 ##	50.	45.238	200.	0.	1976.19	44.454	0.	0.	50.	90.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/29/82-09/24/86	16 ##	0.25	0.319	1.	0.25	0.041	0.202	0.25	0.25	0.25	0.72
01020	BORON, DISSOLVED (UG/L AS B)	04/11/60-06/03/80	16	7.	10.25	40.	0.	169.	13.	0.	0.	17.5	33.
01021	BORON, SUSPENDED (UG/L AS B)	06/03/80-06/03/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/03/80-06/03/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/75-09/24/86	43 ##	0.5	0.977	3.	0.	0.618	0.786	0.2	0.5	2.	2.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	04/14/75-10/06/81	20	1.	2.925	20.	0.	20.981	4.58	0.	0.	4.5	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/14/75-04/22/94	29 ##	1.	3.879	20.	0.	27.797	5.272	0.	0.5	10.	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/20/59-09/24/86	58 ##	0.25	2.914	40.	0.	42.168	6.494	0.	0.	2.25	10.
01031	CHROMIUM, SUSPEND (UG/L AS CR)	04/14/75-10/06/81	23	0.	1.913	10.	0.	15.083	3.884	0.	0.	0.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/17/67-04/22/94	32 ##	0.	2.516	10.	0.	15.782	3.973	0.	0.	5.	10.
01035	COBALT, DISSOLVED (UG/L AS CO)	04/14/75-09/24/86	43 ##	1.5	1.151	2.	0.	0.399	0.632	0.	1.	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	04/14/75-10/06/81	19	4.	13.368	50.	0.	226.218	15.041	0.	0.	25.	25.
01037	COBALT, TOTAL (UG/L AS CO)	04/14/75-07/13/82	26 ##	2.	18.	50.	0.	564.7	23.763	0.	0.375	50.	50.
01040	COPPER, DISSOLVED (UG/L AS CU)	11/20/59-09/24/86	60	2.	3.417	40.	0.	39.518	6.286	0.	0.125	3.	9.7
01041	COPPER, SUSPENDED (UG/L AS CU)	04/14/75-07/13/82	25	4.	6.92	21.	1.	31.181	5.584	2.	2.25	9.	16.8
01042	COPPER, TOTAL (UG/L AS CU)	04/14/75-04/22/94	29	10.	8.776	21.	0.5	28.457	5.335	2.	5.	10.	18.
01044	IRON, SUSPENDED (UG/L AS FE)	10/25/78-07/13/82	13	270.	559.231	2300.	50.	564324.359	751.215	82.	145.	600.	2220.
01045	IRON, TOTAL (UG/L AS FE)	10/19/59-04/22/94	52	170.	331.346	2300.	20.	215760.897	464.501	50.	80.	350.	850.
01046	IRON, DISSOLVED (UG/L AS FE)	10/05/60-09/24/86	44	13.5	24.818	150.	0.	892.048	29.867	5.	5.	30.	60.
01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/75-09/24/86	43	1.	2.209	11.	0.	7.943	2.818	0.	0.5	3.	6.6
01050	LEAD, SUSPENDED (UG/L AS PB)	04/14/75-07/13/82	25	10.	25.26	97.	0.	699.044	26.439	0.6	5.	48.	56.1
01051	LEAD, TOTAL (UG/L AS PB)	04/14/75-04/22/94	29	10.	37.621	100.	0.5	1952.637	44.189	0.5	5.	100.	100.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/14/75-07/13/82	25	10.	19.12	210.	0.	1648.443	40.601	0.	5.	20.	24.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/14/75-04/22/94	29	20.	27.379	210.	4.	1529.53	39.109	5.	7.5	30.	60.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/14/75-09/24/86	43	5.	7.988	70.	0.5	129.875	11.396	2.	4.	7.	19.6
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/29/82-09/24/86	16 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/17/79-09/24/86	27	2.	1.63	5.	0.	1.742	1.32	0.	0.5	2.	4.
01066	NICKEL, SUSPENDED (UG/L AS NI)	10/17/79-07/13/82	10	4.	4.2	10.	0.	10.844	3.293	0.	1.5	7.25	9.8
01067	NICKEL, TOTAL (UG/L AS NI)	10/17/79-07/13/82	11	4.	4.909	12.	1.	10.291	3.208	1.2	2.	7.	11.2

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Parameter Inventory for Station: OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	10/25/77-09/24/86	35 ##	0.5	0.3	1.	0.	0.076	0.277	0.	0.	0.5	0.5
01076	SILVER, SUSPENDED (UG/L AS AG)	10/25/77-10/06/81	15	0.	0.8	5.	0.	2.314	1.521	0.	0.	2.	3.8
01077	SILVER, TOTAL (UG/L AS AG)	10/25/77-04/22/94	24 ##	0.25	1.188	10.	0.	6.474	2.544	0.	0.	0.5	5.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/29/82-09/24/86	16	97.5	99.125	130.	74.	223.717	14.957	76.8	92.	107.5	123.
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/29/82-09/24/86	16 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/61-09/24/86	57	7.	7.64	37.	0.	65.685	8.105	0.	0.	10.	20.
01091	ZINC, SUSPENDED (UG/L ZN)	04/14/75-07/13/82	25	10.	14.	90.	0.	421.25	20.524	0.	0.	20.	44.
01092	ZINC, TOTAL (UG/L AS ZN)	04/14/75-04/22/94	29	20.	21.552	100.	0.	468.042	21.634	0.	10.	30.	50.
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/03/80-06/03/80	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/03/80-09/24/86	17	10.	16.176	40.	5.	114.154	10.684	5.	10.	20.	40.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/03/80-06/03/80	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/03/80-09/24/86	17 ##	2.	4.235	11.	2.	9.691	3.113	2.	2.	7.	10.2
01131	LITHIUM, SUSPENDED (UG/L AS LI)	06/03/80-06/03/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	06/03/80-06/03/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/14/75-09/24/86	42 ##	0.5	0.464	2.	0.	0.102	0.32	0.	0.5	0.5	0.5
01146	SELENIUM, SUSPENDED (UG/L AS SE)	04/14/75-10/06/81	22	0.	0.068	1.	0.	0.055	0.234	0.	0.	0.	0.35
01147	SELENIUM, TOTAL (UG/L AS SE)	04/14/75-04/22/94	29 ##	0.5	0.414	1.	0.	0.055	0.234	0.	0.5	0.5	0.5
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/07/94-04/22/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	04/07/94-04/22/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
09511	RADIUM 226, DISSOLVED, RADON METHOD	04/07/94-04/22/94	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/21/74-08/31/77	23	11.	19.957	110.	1.	614.862	24.796	2.8	5.	28.	54.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/21/74-08/31/77	23	1.041	1.052	2.041	0.	0.235	0.484	0.421	0.699	1.447	1.732
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.264								
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	04/07/94-04/22/94	3	15.	18.667	27.	14.	52.333	7.234	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	04/07/94-04/22/94	3	1.176	1.251	1.431	1.146	0.025	0.157	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			17.832								
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10/19/59-08/01/66	26	0.	22.538	430.	0.	7063.538	84.045	0.	0.	7.5	31.8
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	10/19/59-08/01/66	26	0.	0.388	2.633	0.	0.567	0.753	0.	0.	0.369	1.501
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			2.446								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-10/26/76	17	1.	1.824	10.	0.5	6.029	2.455	0.5	0.5	2.5	6.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/21/74-10/26/76	17	0.	0.032	1.	-0.301	0.171	0.414	-0.301	-0.301	0.389	0.759
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.077								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	75	1.	5.547	180.	0.5	478.771	21.881	0.5	0.5	3.	6.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	75	0.	0.186	2.255	-0.301	0.26	0.51	-0.301	-0.301	0.477	0.778
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.534								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	71	2.	9.979	240.	0.5	863.239	29.381	0.5	0.5	11.	21.6
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	71	0.301	0.389	2.38	-0.301	0.471	0.686	-0.301	-0.301	1.041	1.334
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.45								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/21/74-10/26/76	17 ##	0.5	3.559	19.	0.5	30.059	5.483	0.5	0.5	3.5	15.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/21/74-10/26/76	17 ##	-0.301	0.158	1.279	-0.301	0.329	0.574	-0.301	-0.301	0.54	1.197
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.438								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32226	CHLOROPHYLL B, PERIPHYTON, SPECTRO, MG/M2	04/14/75-08/25/76	3	0.	0.033	0.1	0.	0.003	0.058	**	**	**	**
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	04/14/75-08/25/76	3	0.	0.233	0.7	0.	0.163	0.404	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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Parameter Inventory for Station: OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	08/25/76-02/21/78	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	03/17/82-04/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/07/94-04/22/94	3	38.	37.667	39.	36.	2.333	1.528	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	03/17/82-04/22/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/20/75-04/22/94	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/20/75-04/22/94	16 ##	0.	0.006	0.05	0.	0.	0.017	0.	0.	0.	0.05
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/17/82-04/22/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	16 ##	0.	0.063	0.5	0.	0.029	0.171	0.	0.	0.	0.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-04/22/94	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/03/80-08/13/80	2	0.485	0.485	0.9	0.07	0.344	0.587	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	02/21/78-04/22/94	7 ##	0.	0.014	0.05	0.	0.001	0.024	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	12/22/75-02/21/78	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/22/75-04/22/94	10 ##	0.	0.002	0.01	0.	0.	0.003	0.	0.	0.005	0.01
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/22/75-04/22/94	10 ##	0.	0.002	0.005	0.	0.	0.002	0.	0.	0.005	0.005
39755	MIREX, TOTAL (UG/L)	03/17/82-04/22/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	12/22/75-04/22/94	10 ##	0.	0.002	0.005	0.	0.	0.002	0.	0.	0.005	0.005
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/19/82	16 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
60050	ALGAE, TOTAL (CELLS/ML)	11/21/74-09/09/81	35	100.	142.086	610.	2.	22241.022	149.134	12.6	38.	190.	348.
70299	SOLIDS, SUSP. - RESIDUE ON EVAP. AT 180 C (MG/L)	07/22/76-07/22/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	121	54.	53.479	75.	30.	63.402	7.963	43.	48.	58.5	63.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	73	53.	52.356	71.	39.	43.371	6.586	42.	47.	58.	60.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	88	163.	199.898	965.	54.7	20607.712	143.554	79.39	116.5	241.25	329.3
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	97	0.07	0.073	0.12	0.04	0.	0.012	0.06	0.07	0.08	0.09
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/21/74-03/09/83	52	89.	87.731	100.	63.	102.318	10.115	72.3	80.5	97.	99.
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	06/30/77-04/16/80	6	2741.	3954.5	11470.	125.	21196196.3	4603.933	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	06/30/77-04/16/80	11	0.6	0.909	4.6	0.	1.728	1.315	0.006	0.07	1.	4.
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	06/30/77-04/16/80	11	0.3	0.421	2.2	0.	0.423	0.65	0.	0.02	0.5	1.94
71825	ACIDITY, TOTAL (MG/L AS H)	06/03/80-06/03/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/18/79-01/13/81	18	0.015	0.022	0.07	0.	0.001	0.024	0.	0.	0.04	0.07
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/17/79-01/08/86	30	0.07	0.061	0.17	0.	0.002	0.05	0.	0.01	0.09	0.13
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/01/66-08/01/66	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/19/59-07/07/81	32	0.1	0.106	0.3	0.	0.012	0.111	0.	0.	0.2	0.3
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	07/07/81-07/07/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-01/08/86	42	0.06	0.075	0.28	0.	0.003	0.055	0.03	0.03	0.098	0.15
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	59	0.7	1.392	13.	0.1	3.696	1.922	0.3	0.4	1.6	3.3
71890	MERCURY, DISSOLVED (UG/L AS HG)	04/14/75-09/24/86	43 ##	0.05	0.41	13.	0.	3.879	1.969	0.	0.05	0.25	0.28
71895	MERCURY, SUSPENDED (UG/L AS HG)	04/14/75-10/06/81	22	0.	0.036	0.2	0.	0.003	0.058	0.	0.	0.1	0.1
71900	MERCURY, TOTAL (UG/L AS HG)	04/14/75-04/22/94	28 ##	0.1	0.136	0.4	0.	0.011	0.106	0.045	0.05	0.25	0.255
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	04/07/94-04/22/94	3	0.34	0.33	0.35	0.3	0.001	0.026	**	**	**	**
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	04/07/94-04/22/94	3	0.22	0.223	0.24	0.21	0.	0.015	**	**	**	**
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	04/07/94-04/22/94	3	0.34	0.35	0.37	0.34	0.	0.017	**	**	**	**
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	04/07/94-04/22/94	3	0.37	0.383	0.41	0.37	0.001	0.023	**	**	**	**
76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/07/94-04/22/94	3	0.3	0.267	0.3	0.2	0.003	0.058	**	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/07/94-04/22/94	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77128	STYRENE WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
78032	PROPANE, 2-METHOXY-2-METHYL- , WATER, WHOLE, UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/07/94-04/22/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/07/94-04/22/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	90	4.	9.467	81.	1.	166.679	12.91	1.	2.	11.25	25.7
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/21/74-09/09/81	60	12.5	46.415	531.	1.3	7962.669	89.234	2.34	4.45	46.5	111.6
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/07/94-04/22/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	04/22/94-04/22/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/13/80-07/07/81	11	0.2	0.709	6.1	0.	3.201	1.789	0.02	0.2	0.2	4.92
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	03/17/82-04/22/94	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0165

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	28	0	0.00	3	0	0.00	10	0	0.00	10	0	0.00	5	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	65	1	0.02	10	0	0.00	21	1	0.05	23	0	0.00	11	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	123	0	0.00	15	0	0.00	43	0	0.00	52	0	0.00	13	0	0.00
00400	PH	Fresh Chronic	9.	123	1	0.01	18	0	0.00	40	0	0.00	47	1	0.02	18	0	0.00
		Other-Lo Lim.	6.5	123	1	0.01	18	1	0.06	40	0	0.00	47	0	0.00	18	0	0.00
00403	PH, LAB	Fresh Chronic	9.	45	0	0.00	7	0	0.00	14	0	0.00	17	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	45	0	0.00	7	0	0.00	14	0	0.00	17	0	0.00	7	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	8	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	20	0	0.00	1	0	0.00	5	0	0.00	9	0	0.00	5	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	20	0	0.00	1	0	0.00	5	0	0.00	9	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	61	0	0.00	8	0	0.00	21	0	0.00	21	0	0.00	11	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	55	0	0.00	9	0	0.00	18	0	0.00	19	0	0.00	9	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	125	0	0.00	19	0	0.00	40	0	0.00	47	0	0.00	19	0	0.00
		Drinking Water	250.	125	0	0.00	19	0	0.00	40	0	0.00	47	0	0.00	19	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	125	0	0.00	19	0	0.00	40	0	0.00	47	0	0.00	19	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	125	0	0.00	19	0	0.00	40	0	0.00	47	0	0.00	19	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	58	0	0.00	12	0	0.00	17	0	0.00	26	0	0.00	3	0	0.00
		Drinking Water	50.	58	0	0.00	12	0	0.00	17	0	0.00	26	0	0.00	3	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	20	0	0.00	4	0	0.00	5	0	0.00	11	0	0.00			
		Drinking Water	50.	20	0	0.00	4	0	0.00	5	0	0.00	11	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	29	0	0.00	5	0	0.00	6	0	0.00	18	0	0.00			
		Drinking Water	50.	29	0	0.00	5	0	0.00	6	0	0.00	18	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	35	0	0.00	8	0	0.00	11	0	0.00	14	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	16	0	0.00	4	0	0.00	4	0	0.00	8	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	21	0	0.00	4	0	0.00	5	0	0.00	12	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	16	0	0.00	4	0	0.00	6	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	4.	16	0	0.00	4	0	0.00	6	0	0.00	5	0	0.00	1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	43	0	0.00	9	0	0.00	12	0	0.00	20	0	0.00	2	0	0.00
		Drinking Water	5.	43	0	0.00	9	0	0.00	12	0	0.00	20	0	0.00	2	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	12 &	1	0.08	3	0	0.00	3	0	0.00	6	1	0.17			
		Drinking Water	5.	17 &	1	0.06	4	0	0.00	3	0	0.00	10	1	0.10			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	21 &	1	0.05	3	0	0.00	5	0	0.00	13	1	0.08			
		Drinking Water	5.	21 &	1	0.05	3	0	0.00	5	0	0.00	13	1	0.08			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	58	0	0.00	11	0	0.00	17	0	0.00	26	0	0.00	4	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	23	0	0.00	5	0	0.00	5	0	0.00	13	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	32	0	0.00	7	0	0.00	6	0	0.00	18	0	0.00	1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	60	3	0.05	13	0	0.00	17	2	0.12	25	0	0.00	5	1	0.20
		Drinking Water	1300.	60	0	0.00	13	0	0.00	17	0	0.00	25	0	0.00	5	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	25	2	0.08	5	0	0.00	5	1	0.20	15	1	0.07			
		Drinking Water	1300.	25	0	0.00	5	0	0.00	5	0	0.00	15	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	29	3	0.10	5	0	0.00	6	2	0.33	18	1	0.06			
		Drinking Water	1300.	29	0	0.00	5	0	0.00	6	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

EPA Water Quality Criteria Analysis for Station: OLYM0165

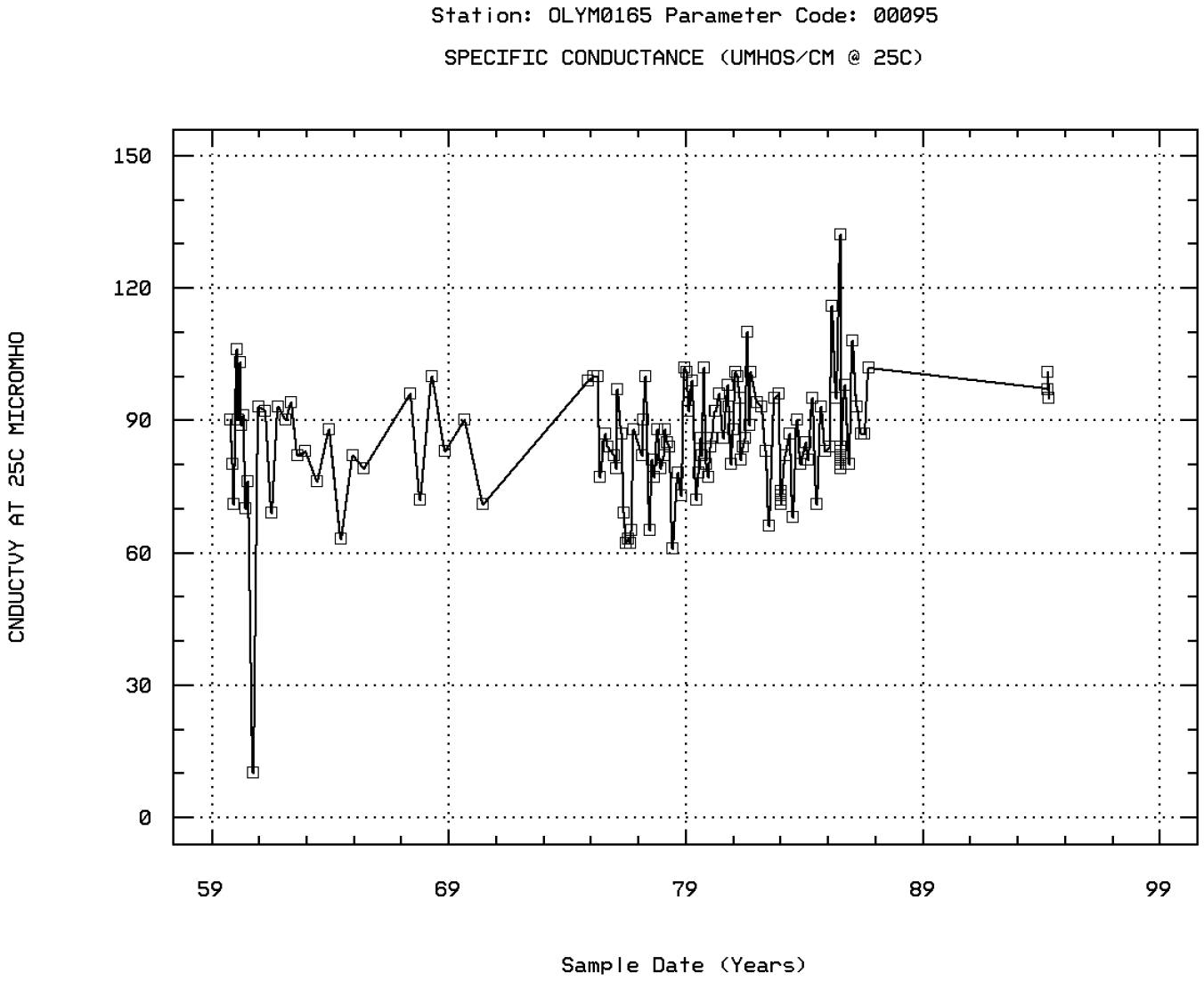
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01049	LEAD, DISSOLVED	Fresh Acute	82.	43	0	0.00	9	0	0.00	12	0	0.00	20	0	0.00	2	0	0.00
		Drinking Water	15.	43	0	0.00	9	0	0.00	12	0	0.00	20	0	0.00	2	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	25	1	0.04	5	0	0.00	6	0	0.00	14	1	0.07			
		Drinking Water	15.	17 &	2	0.12	3	0	0.00	5	0	0.00	9	2	0.22			
01051	LEAD, TOTAL	Fresh Acute	82.	20 &	0	0.00	3	0	0.00	5	0	0.00	12	0	0.00			
		Drinking Water	15.	20 &	2	0.10	3	0	0.00	5	1	0.20	12	1	0.08			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	27	0	0.00	6	0	0.00	9	0	0.00	11	0	0.00	1	0	0.00
		Drinking Water	100.	27	0	0.00	6	0	0.00	9	0	0.00	11	0	0.00	1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	10	0	0.00	2	0	0.00	2	0	0.00	6	0	0.00			
		Drinking Water	100.	10	0	0.00	2	0	0.00	2	0	0.00	6	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	11	0	0.00	2	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	100.	11	0	0.00	2	0	0.00	3	0	0.00	6	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	35	0	0.00	8	0	0.00	11	0	0.00	14	0	0.00	2	0	0.00
		Drinking Water	100.	35	0	0.00	8	0	0.00	11	0	0.00	14	0	0.00	2	0	0.00
01076	SILVER, SUSPENDED	Fresh Acute	4.1	14 &	0	0.00	3	0	0.00	4	0	0.00	7	0	0.00			
		Drinking Water	100.	15	0	0.00	4	0	0.00	4	0	0.00	7	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	23 &	1	0.04	4	0	0.00	7	1	0.14	12	0	0.00			
		Drinking Water	100.	24	0	0.00	5	0	0.00	7	0	0.00	12	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	57	0	0.00	12	0	0.00	16	0	0.00	25	0	0.00	4	0	0.00
		Drinking Water	5000.	57	0	0.00	12	0	0.00	16	0	0.00	25	0	0.00	4	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	25	0	0.00	5	0	0.00	6	0	0.00	14	0	0.00			
		Drinking Water	5000.	25	0	0.00	5	0	0.00	6	0	0.00	14	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	29	0	0.00	5	0	0.00	6	0	0.00	18	0	0.00			
		Drinking Water	5000.	29	0	0.00	5	0	0.00	6	0	0.00	18	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	42	0	0.00	9	0	0.00	12	0	0.00	19	0	0.00	2	0	0.00
		Drinking Water	50.	42	0	0.00	9	0	0.00	12	0	0.00	19	0	0.00	2	0	0.00
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	22	0	0.00	5	0	0.00	5	0	0.00	12	0	0.00			
		Drinking Water	50.	22	0	0.00	5	0	0.00	5	0	0.00	12	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	29	0	0.00	5	0	0.00	6	0	0.00	18	0	0.00			
		Drinking Water	50.	29	0	0.00	5	0	0.00	6	0	0.00	18	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	23	0	0.00	2	0	0.00	6	0	0.00	10	0	0.00	5	0	0.00
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	3	0	0.00							3	0	0.00			
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	26	0	0.00	4	0	0.00	10	0	0.00	10	0	0.00	2	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	17	0	0.00	2	0	0.00	4	0	0.00	7	0	0.00	4	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	75	0	0.00	11	0	0.00	27	0	0.00	25	0	0.00	12	0	0.00
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
		Drinking Water	1000.	1	0	0.00							1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
		Drinking Water	700.	1	0	0.00							1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			

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

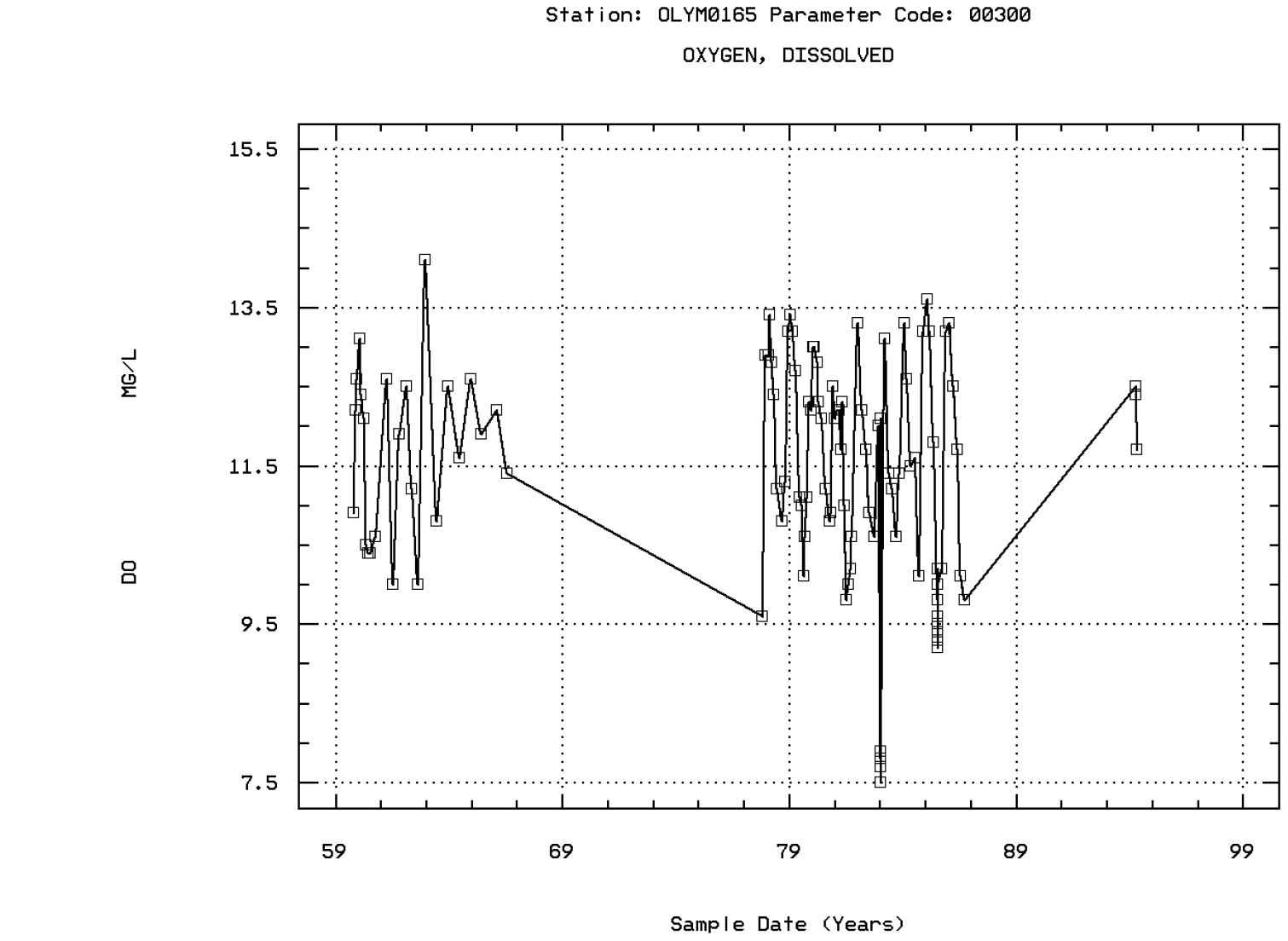
EPA Water Quality Criteria Analysis for Station: OLYM0165

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	4.	4	0	0.00				2	0	0.00				2	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	0.2	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	2.	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	2	0	0.00				1	0	0.00	1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	2.	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	3.	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	0.4	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	0.2	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	16	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	6	0	0.00				3	0	0.00	1	0	0.00	2	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	10	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	10	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	32	0	0.00	6	0	0.00	9	0	0.00	14	0	0.00	3	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00							1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	43	1	0.02	9	0	0.00	12	1	0.08	20	0	0.00	2	0	0.00
		Drinking Water	2.	43	1	0.02	9	0	0.00	12	1	0.08	20	0	0.00	2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	22	0	0.00	4	0	0.00	5	0	0.00	13	0	0.00			
		Drinking Water	2.	22	0	0.00	4	0	0.00	5	0	0.00	13	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	28	0	0.00	4	0	0.00	6	0	0.00	18	0	0.00			
		Drinking Water	2.	28	0	0.00	4	0	0.00	6	0	0.00	18	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			

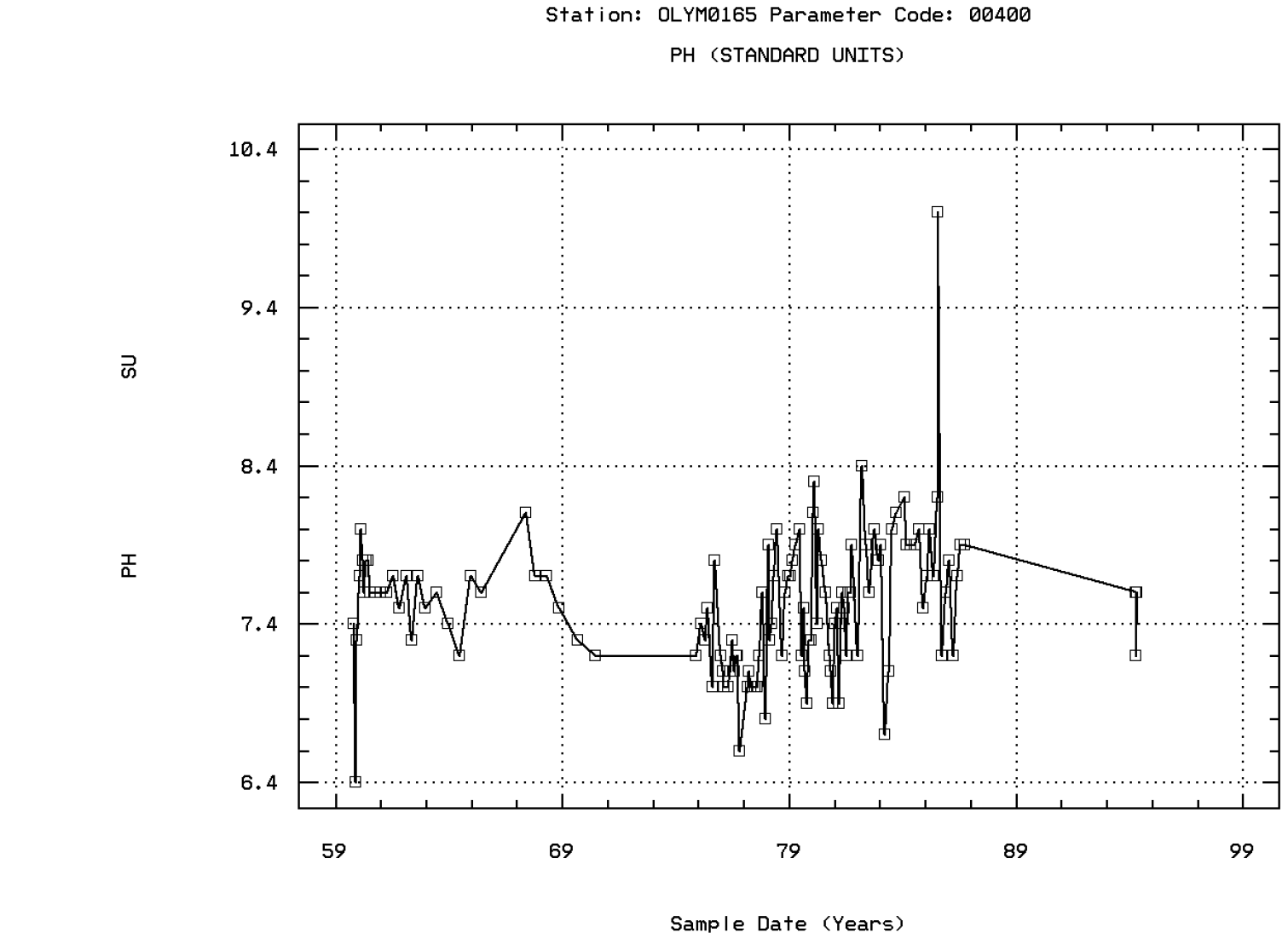
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL



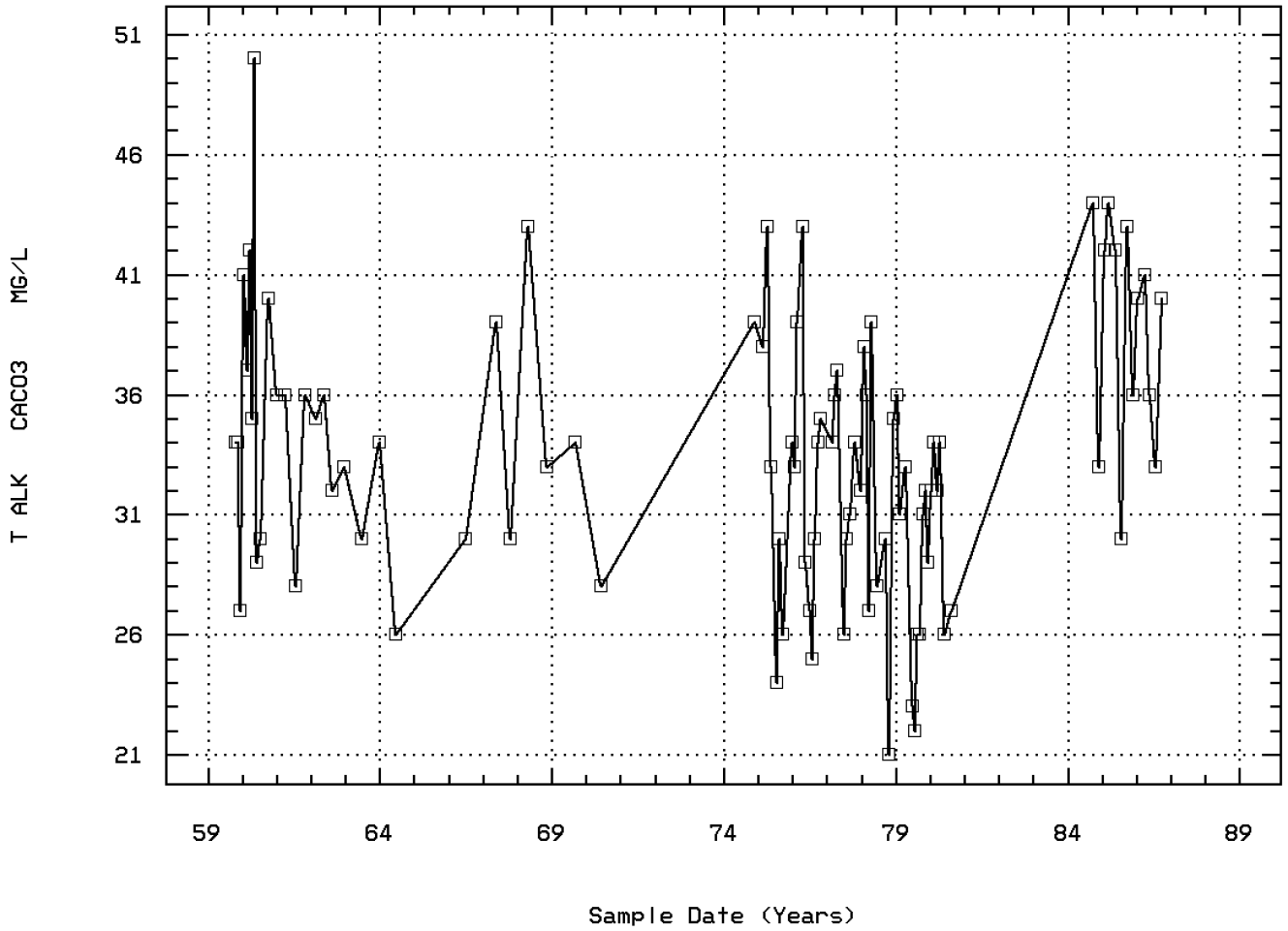
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00410

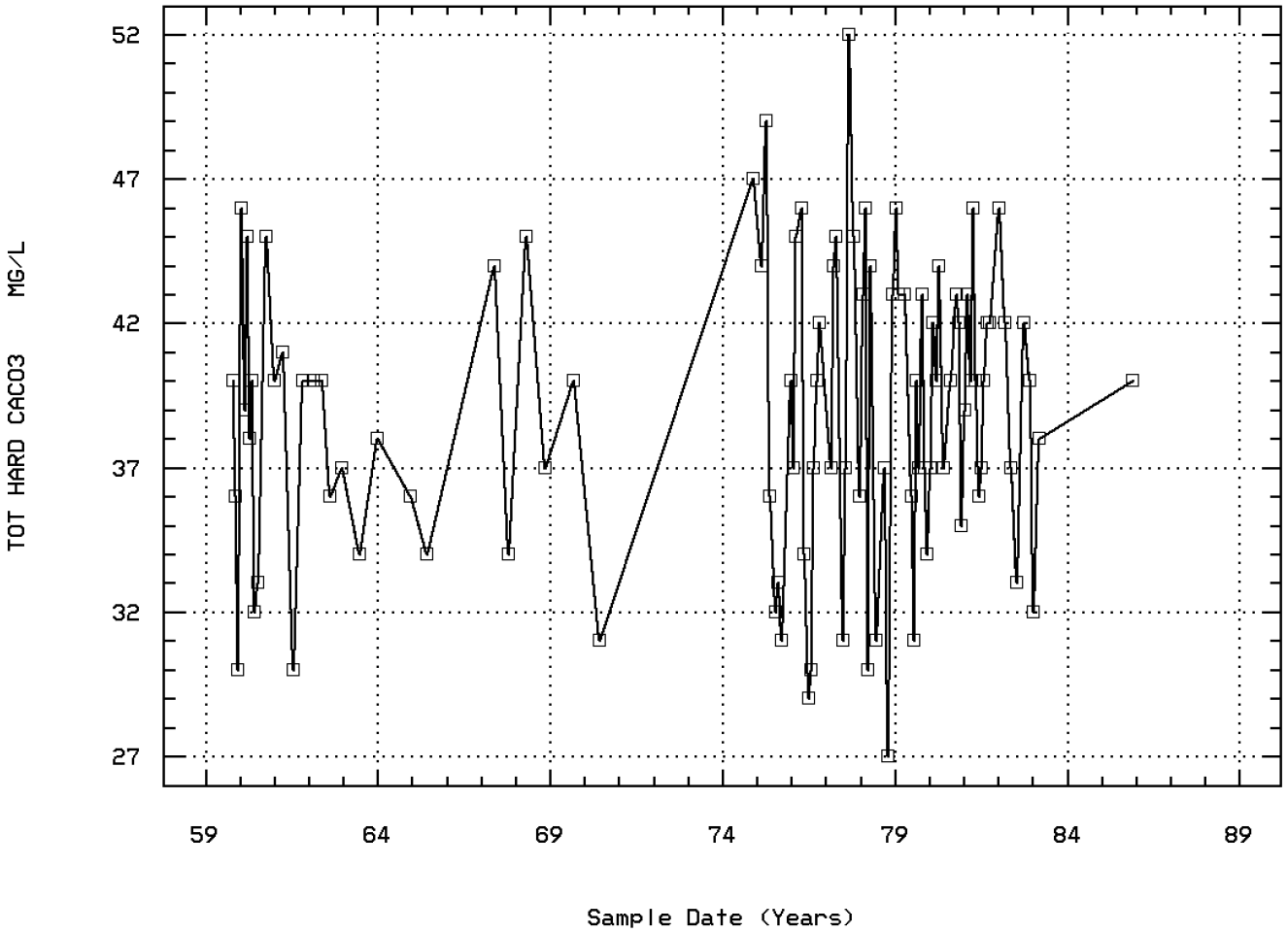
ALKALINITY, TOTAL (MG/L AS CACO3)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00900

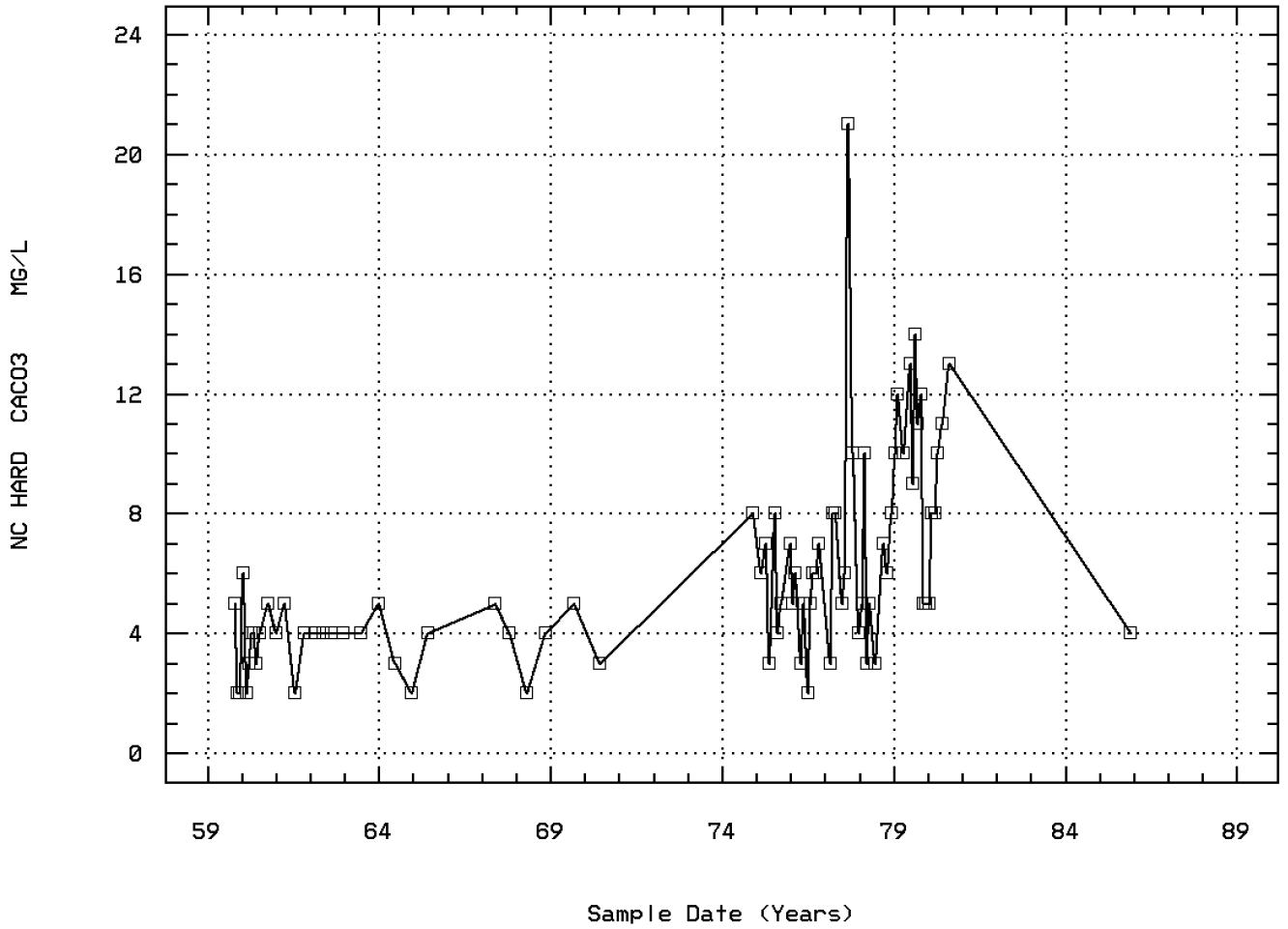
HARDNESS, TOTAL (MG/L AS CACO3)



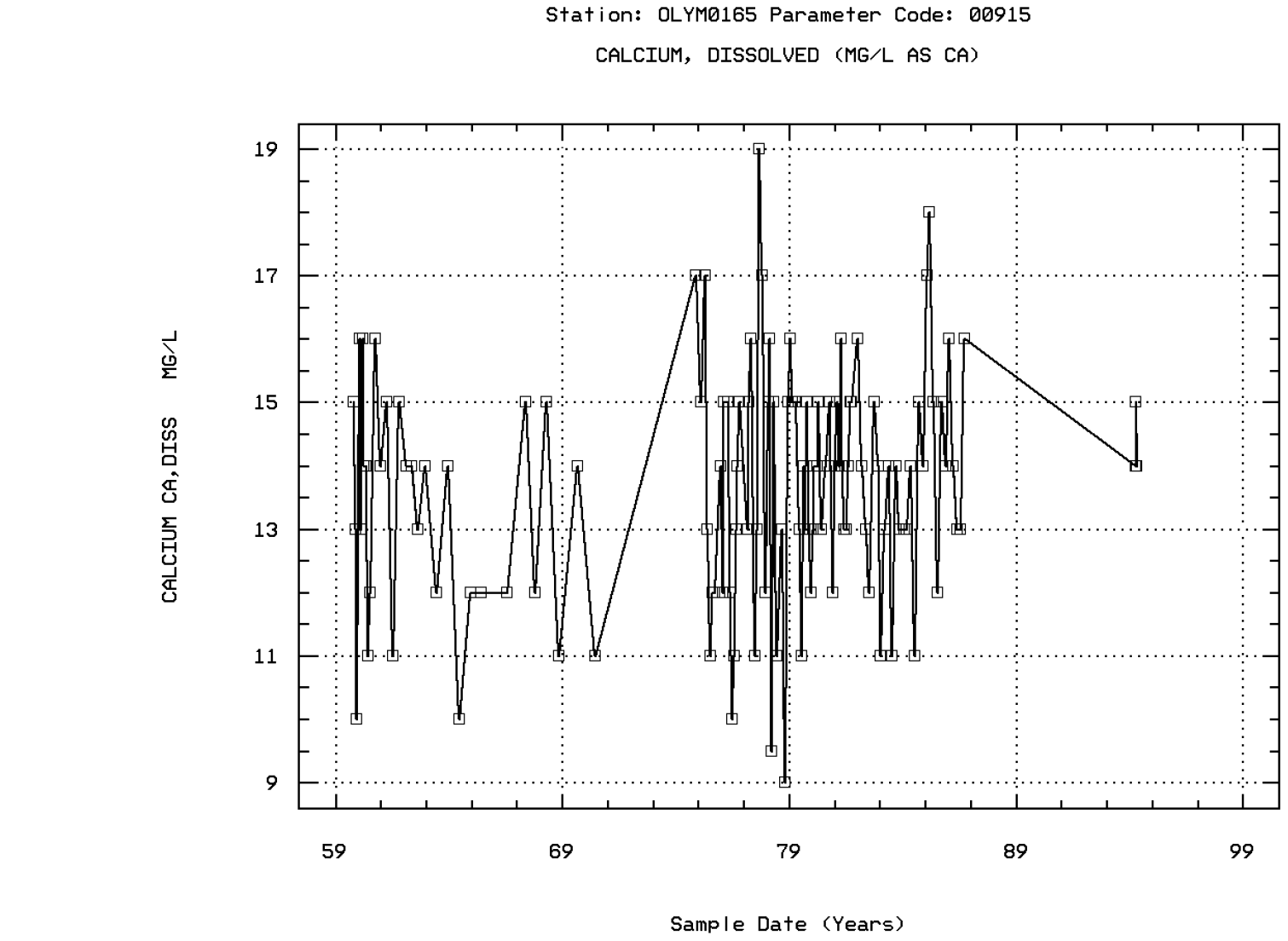
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00902

HARDNESS, NON-CARBONATE (MG/L AS CACO3)



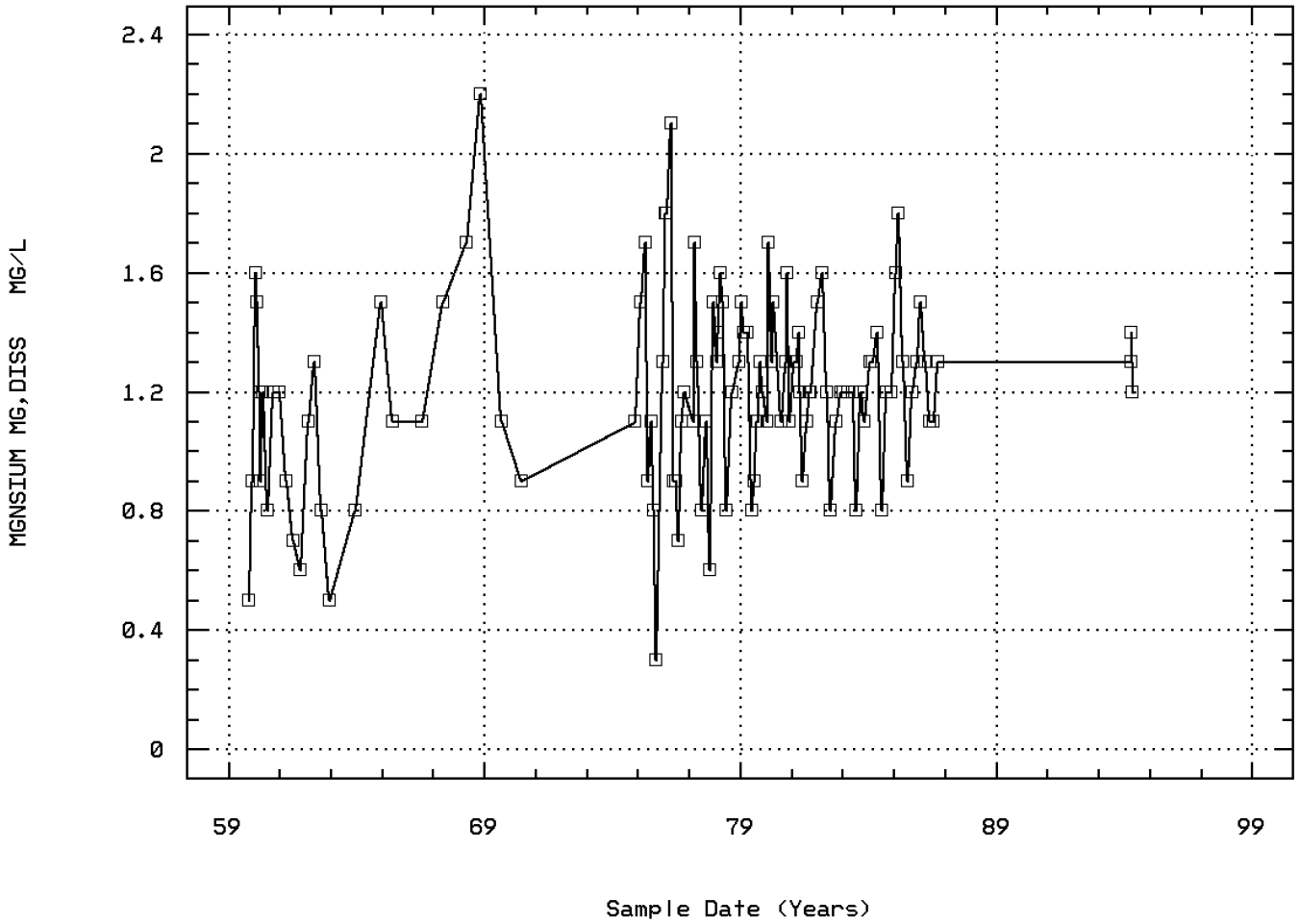
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00925

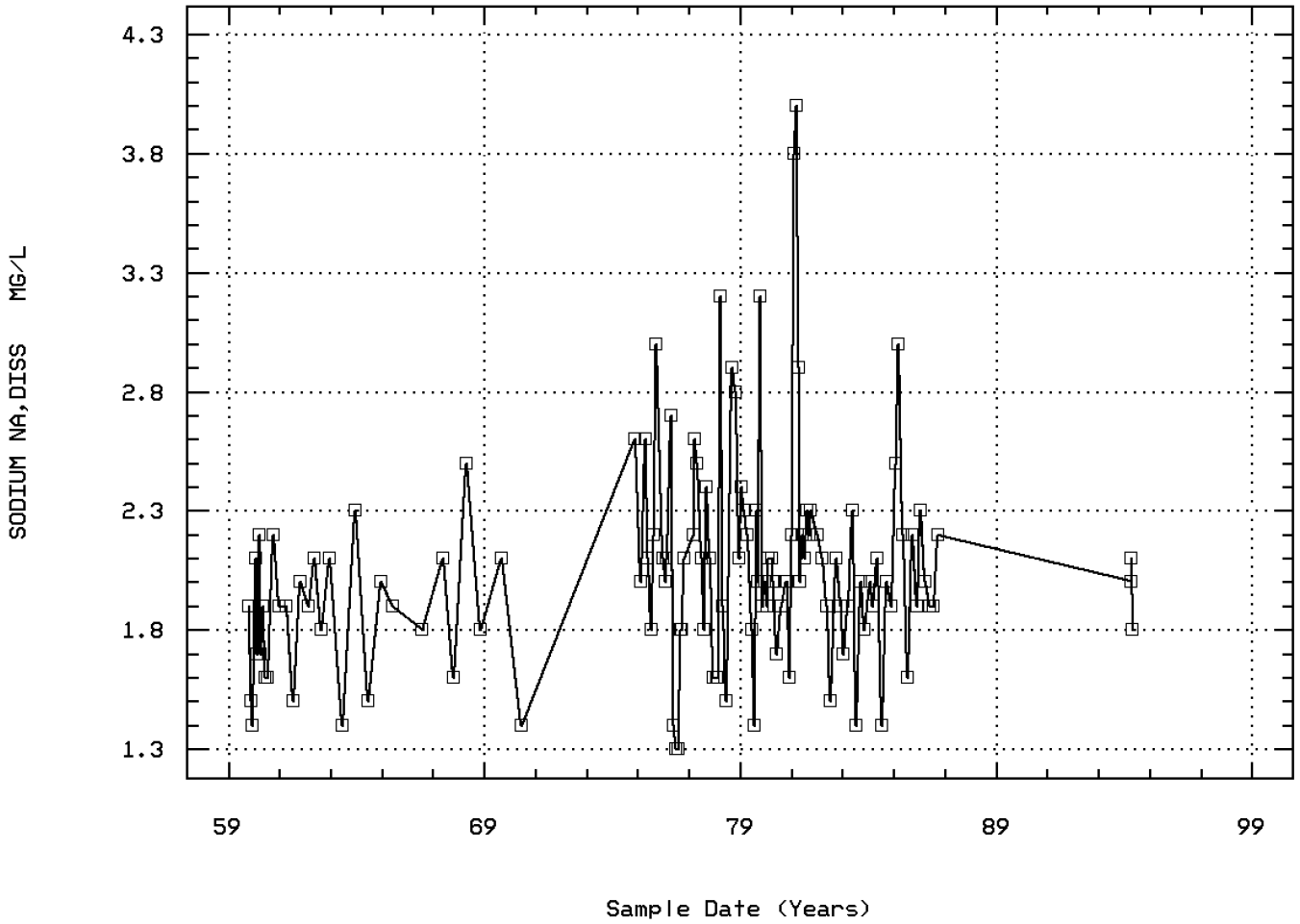
MAGNESIUM, DISSOLVED (MG/L AS MG)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00930

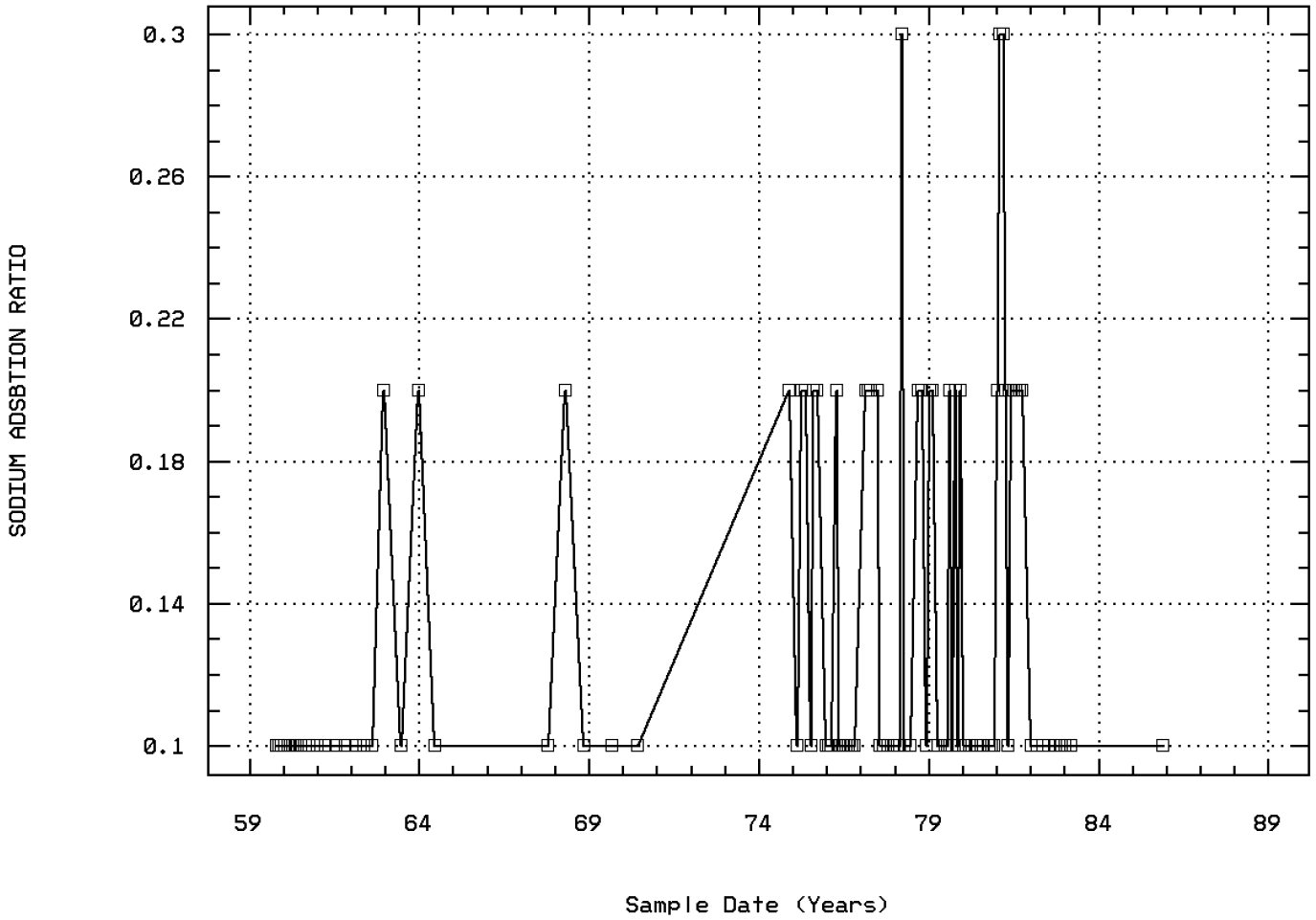
SODIUM, DISSOLVED (MG/L AS NA)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00931

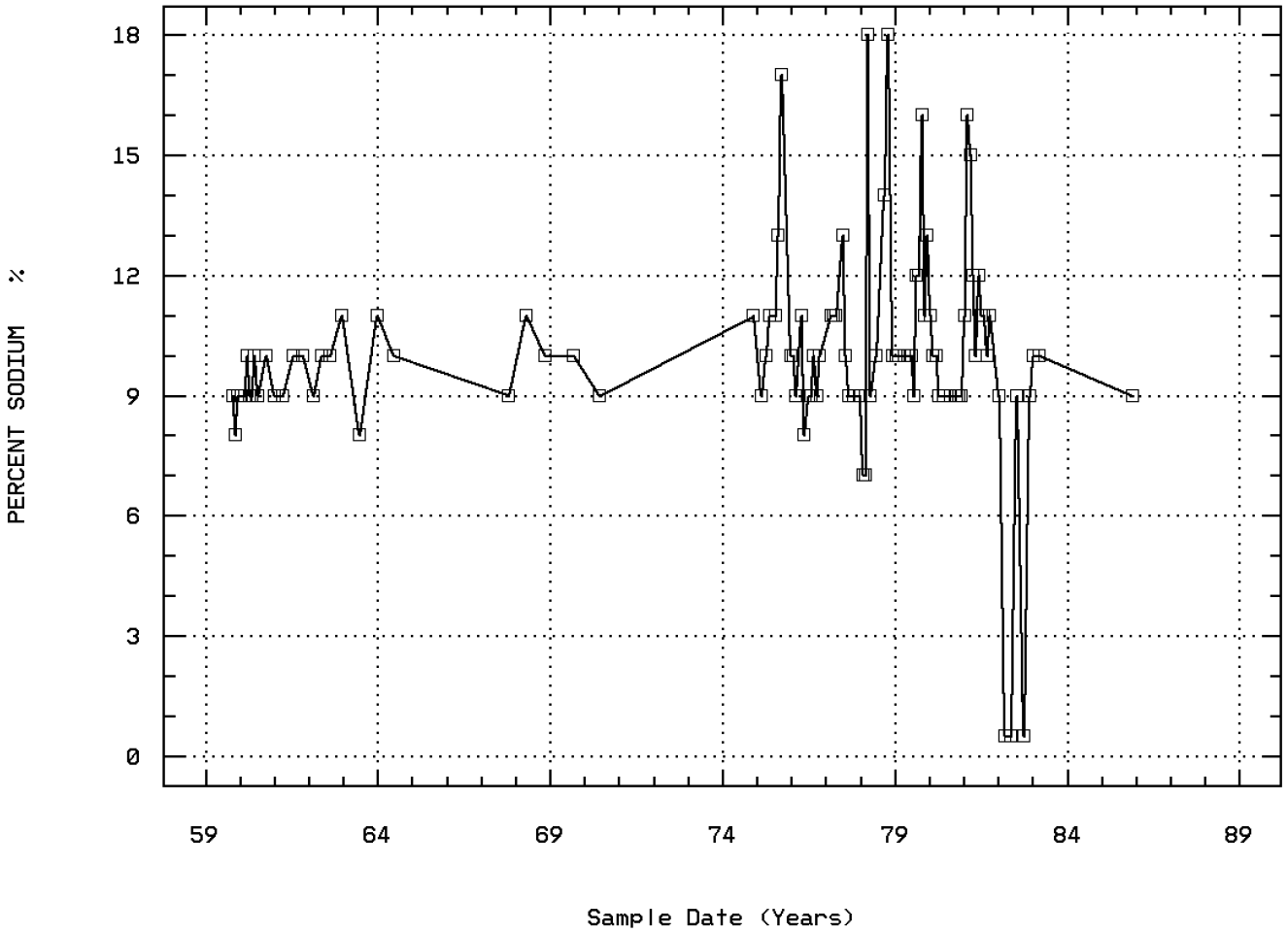
SODIUM ADSORPTION RATIO



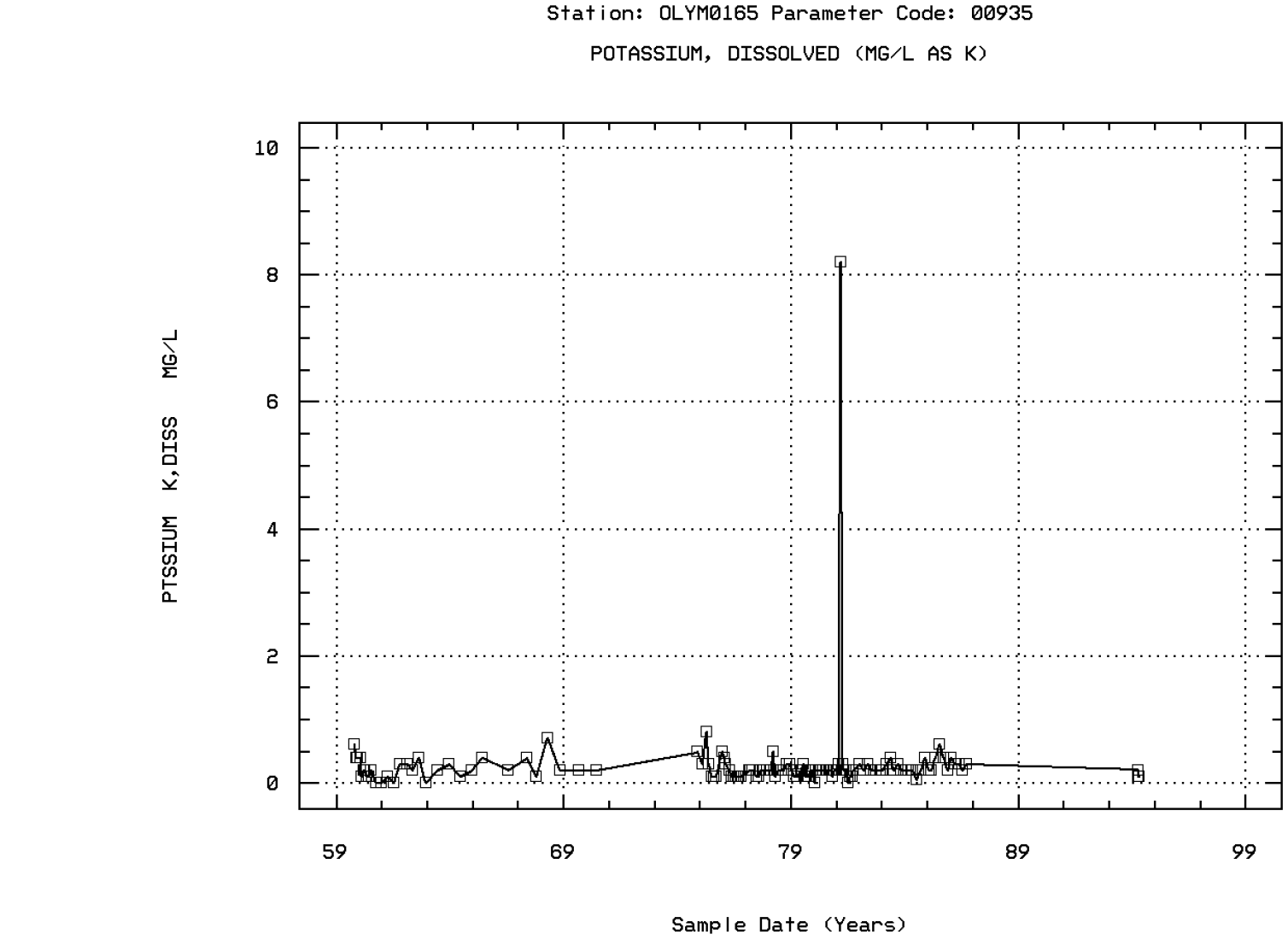
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00932

SODIUM, PERCENT



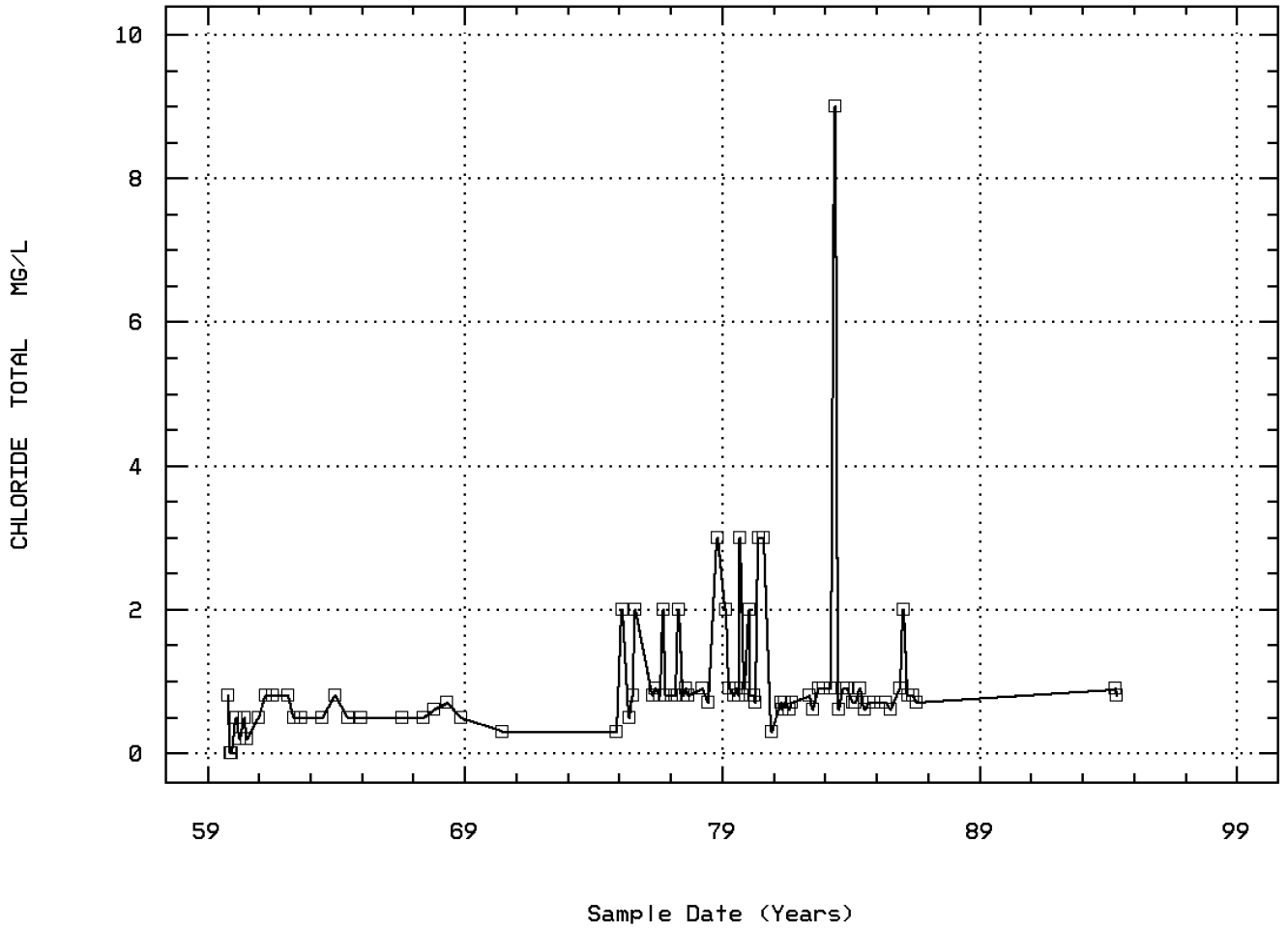
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL



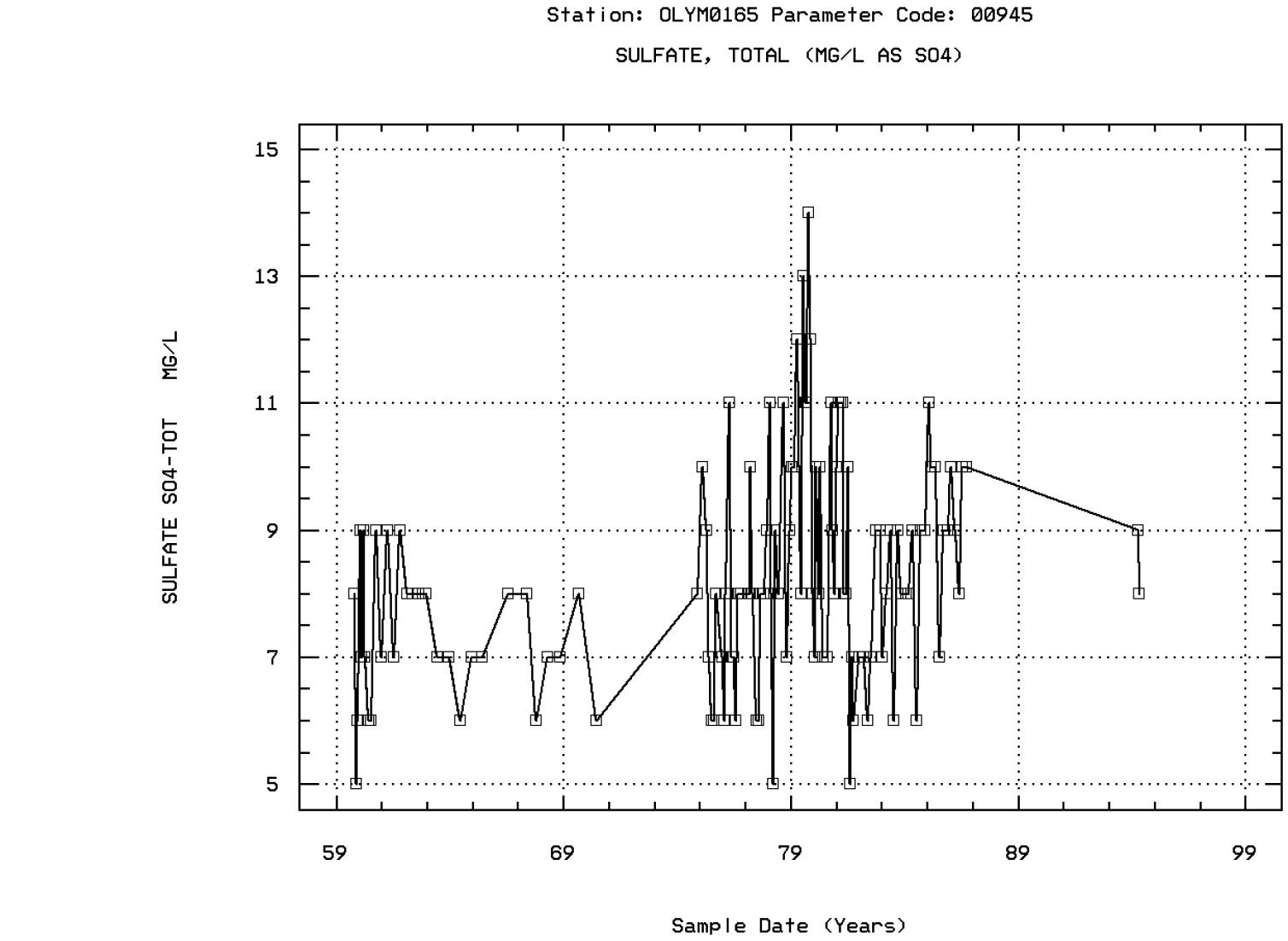
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00940

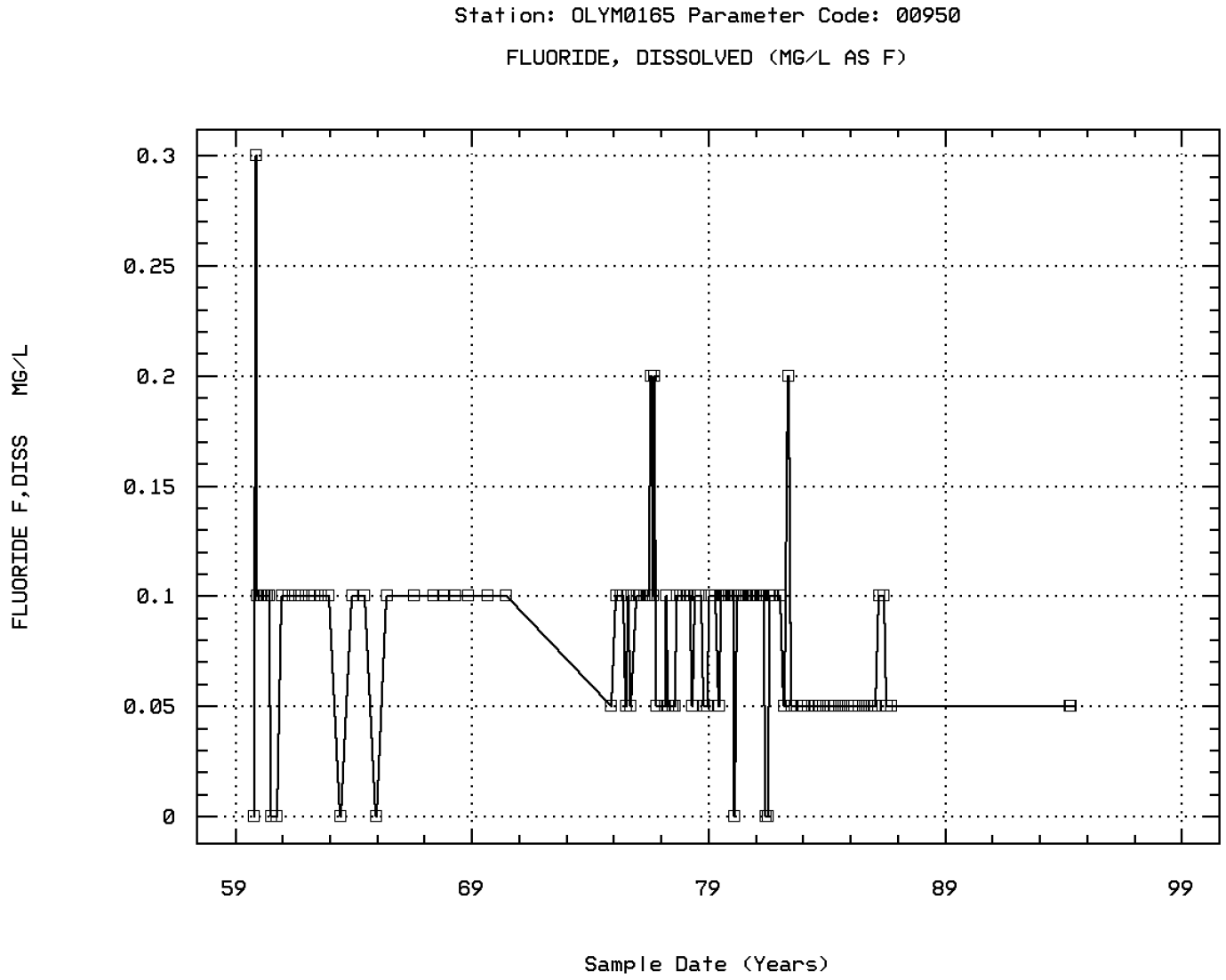
CHLORIDE,TOTAL IN WATER



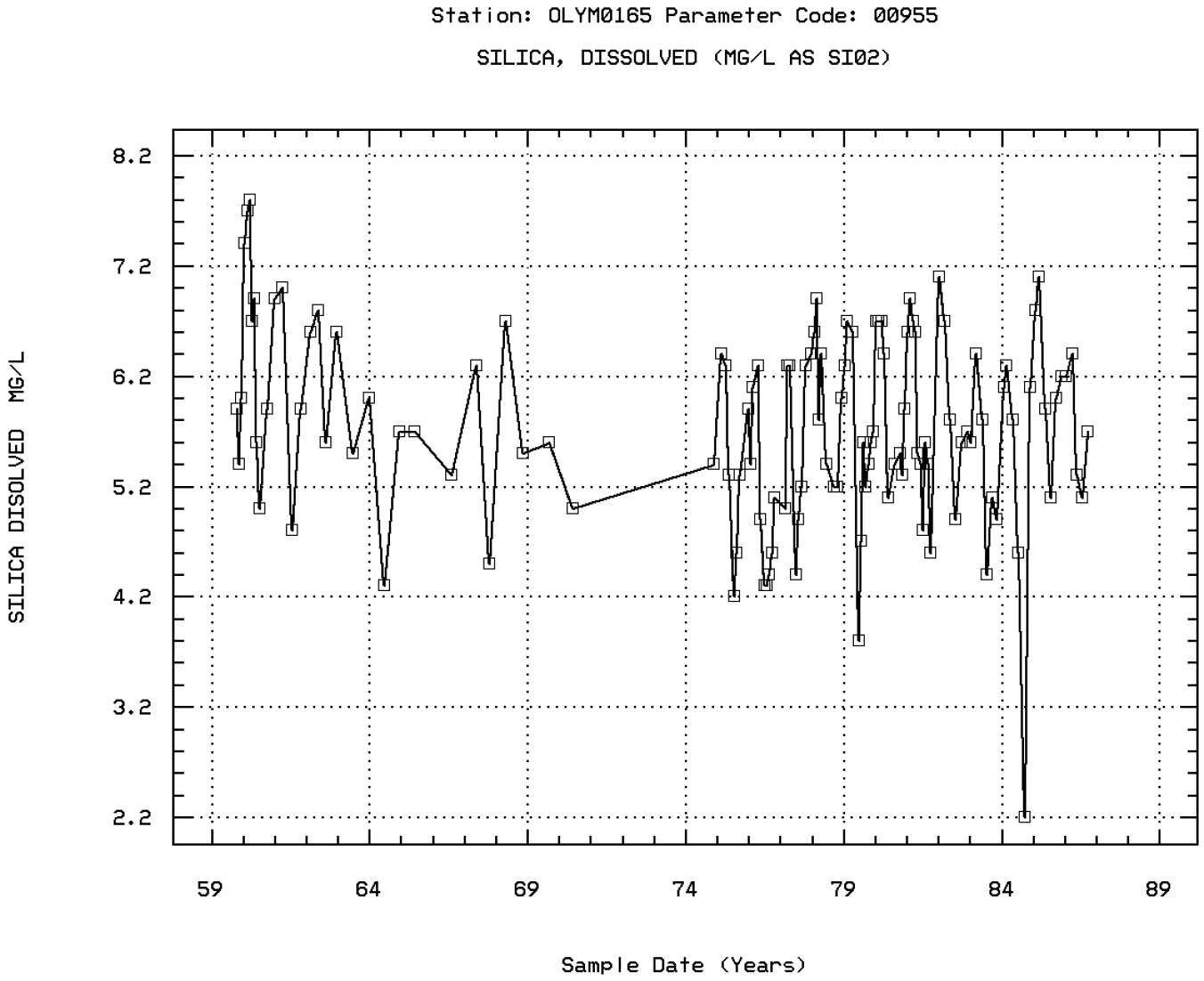
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL



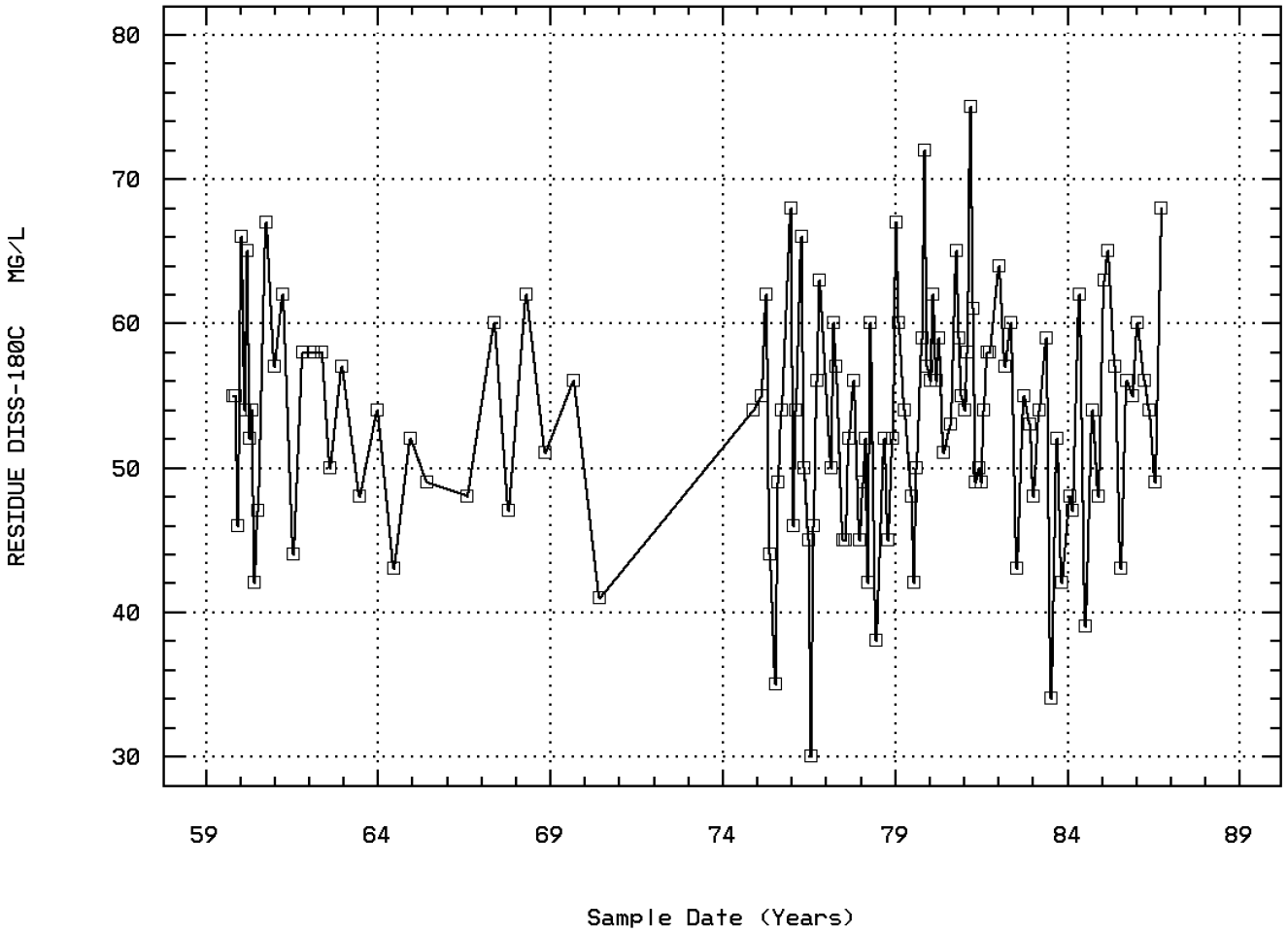
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL



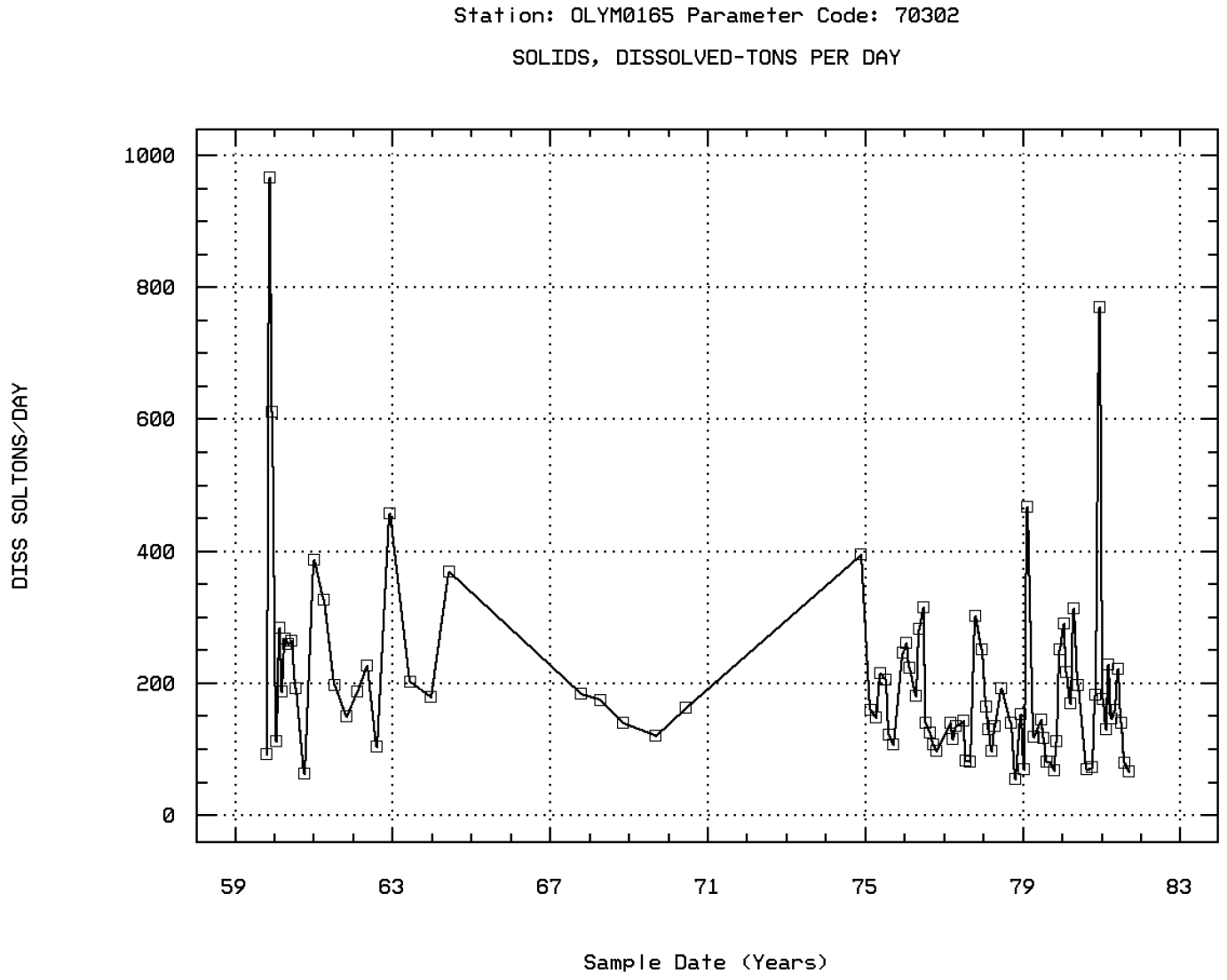
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



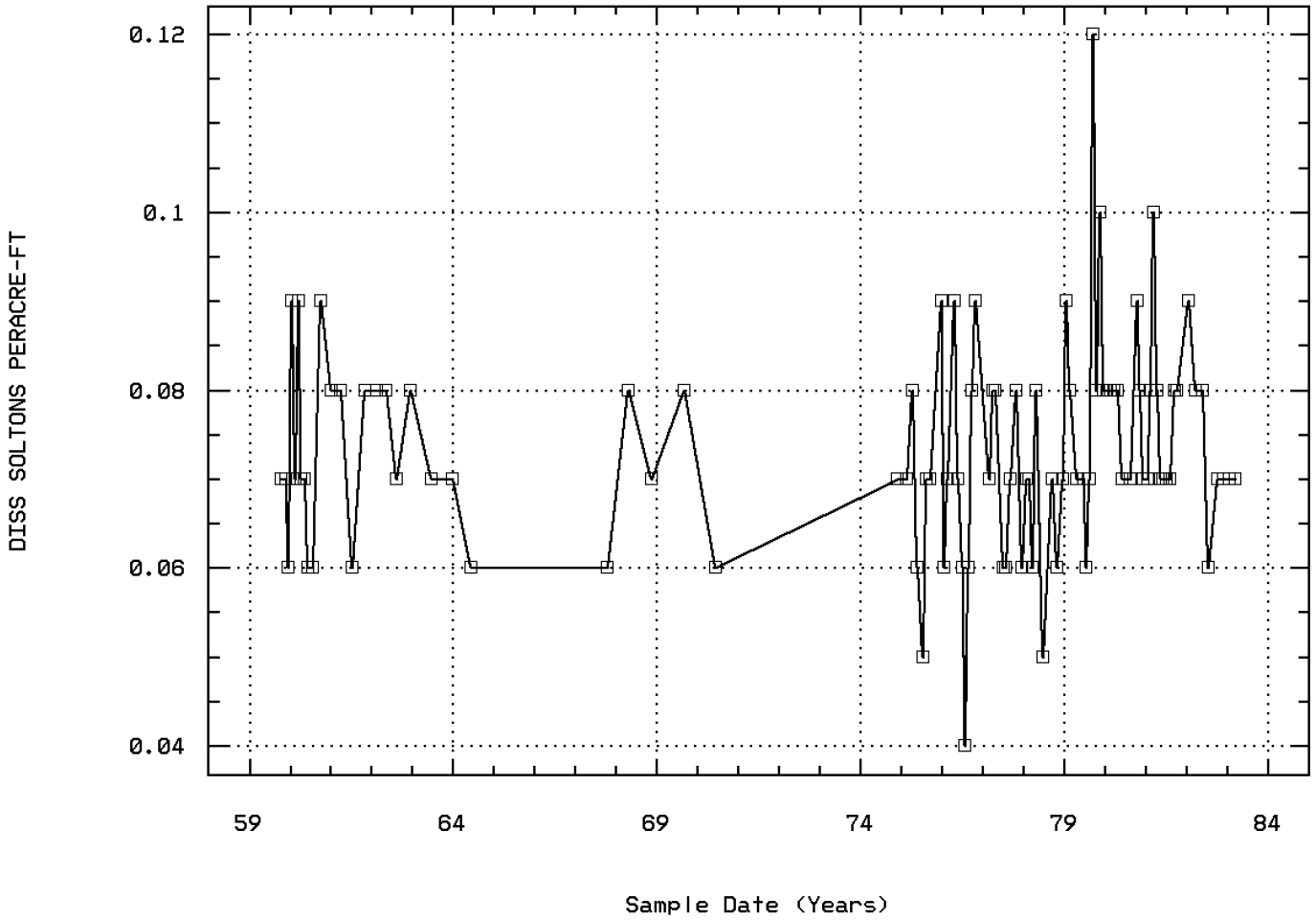
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 70303

SOLIDS, DISSOLVED-TONS PER ACRE-FT



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Annual Analysis for 1959 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	3	5.9	7.533	11.3	5.4	10.703	3.272	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	3	80.	80.333	90.	71.	90.333	9.504	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	3	12.2	11.9	12.6	10.9	0.79	0.889	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	3	7.3	7.033	7.4	6.4	0.303	0.551	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	3	7.3	6.789	7.4	6.4	0.393	0.627	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	3	0.05	0.163	0.398	0.04	0.042	0.204	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	3	36.	35.333	40.	30.	25.333	5.033	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	3	13.	12.667	15.	10.	6.333	2.517	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	3	0.9	0.8	1.	0.5	0.07	0.265	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	3	1.5	1.6	1.9	1.4	0.07	0.265	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	3	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	3	9.	8.667	9.	8.	0.333	0.577	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	3	0.4	0.467	0.6	0.4	0.013	0.115	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	3	0.	0.267	0.8	0.	0.213	0.462	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	3	6.	6.333	8.	5.	2.333	1.528	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	3	0.1	0.133	0.3	0.	0.023	0.153	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	3	5.9	5.767	6.	5.4	0.103	0.321	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	3	55.	52.	55.	46.	27.	5.196	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	3	610.	555.5	965.	91.5	192978.25	439.293	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	3	0.07	0.067	0.07	0.06	0.	0.006	**	**	**	**

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

Annual Analysis for 1960 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	8	8.75	8.65	13.9	3.2	15.7	3.962	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	8	89.5	79.375	106.	10.	931.411	30.519	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	7	10.6	11.357	13.1	10.4	1.303	1.141	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	8	7.75	7.737	8.	7.6	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	8	7.747	7.719	8.	7.6	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	8	0.018	0.019	0.025	0.01	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	8	39.5	39.75	46.	32.	29.071	5.392	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	8	14.	14.	16.	11.	3.714	1.927	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	8	1.2	1.175	1.6	0.8	0.076	0.276	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	8	1.8	1.875	2.2	1.6	0.068	0.26	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	8	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	8	9.	9.375	10.	9.	0.268	0.518	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	8	0.15	0.163	0.4	0.	0.014	0.119	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	8	0.75	0.675	1.	0.2	0.134	0.365	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	8	7.	6.75	9.	1.	7.071	2.659	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	8	0.1	0.075	0.1	0.	0.002	0.046	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	8	6.8	6.625	7.8	5.	1.062	1.031	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	8	54.	55.875	67.	42.	86.125	9.28	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	8	225.	203.125	283.	63.	6504.696	80.652	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	8	0.07	0.075	0.09	0.06	0.	0.013	**	**	**	**

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Annual Analysis for 1961 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	4	7.65	8.9	15.5	4.8	21.18	4.602	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	4	92.5	86.75	93.	69.	140.25	11.843	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	3	11.9	11.5	12.6	10.	1.81	1.345	**	**	**	**

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Annual Analysis for 1961 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	4	7.6	7.6	7.7	7.5	0.007	0.082	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	4	7.6	7.594	7.7	7.5	0.007	0.082	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	4	0.025	0.025	0.032	0.02	0.	0.005	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	4	40.	37.75	41.	30.	26.917	5.188	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	4	14.5	13.75	15.	11.	3.583	1.893	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	4	0.8	0.85	1.2	0.6	0.07	0.265	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	4	1.9	1.825	2.	1.5	0.049	0.222	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	4	9.5	9.5	10.	9.	0.333	0.577	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	4	0.05	0.1	0.3	0.	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	4	0.8	0.775	1.	0.5	0.043	0.206	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	4	8.	8.	9.	7.	1.333	1.155	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	4	6.4	6.15	7.	4.8	1.057	1.028	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	4	57.5	55.25	62.	44.	60.917	7.805	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	4	261.	264.25	386.	149.	12106.25	110.028	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	4	0.08	0.075	0.08	0.06	0.	0.01	**	**	**	**

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Annual Analysis for 1962 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	4	6.15	8.325	15.5	5.5	23.176	4.814	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	4	86.5	87.25	94.	82.	32.917	5.737	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	4	11.85	11.95	14.1	10.	3.097	1.76	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	4	7.6	7.55	7.7	7.3	0.037	0.191	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	4	7.589	7.517	7.7	7.3	0.038	0.195	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	4	0.026	0.03	0.05	0.02	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	4	38.5	38.25	40.	36.	4.25	2.062	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	4	14.	13.75	14.	13.	0.25	0.5	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	4	0.95	0.925	1.3	0.5	0.123	0.35	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	4	2.	1.975	2.1	1.8	0.023	0.15	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	4	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	4	10.	10.	11.	9.	0.667	0.816	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	4	0.25	0.225	0.4	0.	0.029	0.171	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	4	0.65	0.7	1.	0.5	0.06	0.245	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	4	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	4	6.6	6.4	6.8	5.6	0.293	0.542	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	4	57.5	55.75	58.	50.	14.917	3.862	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	4	206.	243.	457.	103.	22978.	151.585	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	4	0.08	0.078	0.08	0.07	0.	0.005	**	**	**	**

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Annual Analysis for 1963 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	2	10.5	10.5	14.5	6.5	32.	5.657	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	2	82.	82.	88.	76.	72.	8.485	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	2	11.65	11.65	12.5	10.8	1.445	1.202	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	2	7.5	7.5	7.6	7.4	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	2	7.489	7.489	7.6	7.4	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	2	0.032	0.032	0.04	0.025	0.	0.01	**	**	**	**

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Annual Analysis for 1963 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	2	36.	36.	38.	34.	8.	2.828	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	2	1.85	1.85	2.3	1.4	0.405	0.636	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	2	9.5	9.5	11.	8.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	2	5.75	5.75	6.	5.5	0.125	0.354	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	2	51.	51.	54.	48.	18.	4.243	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	2	190.5	190.5	202.	179.	264.5	16.263	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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Annual Analysis for 1964 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	2	7.25	7.25	10.1	4.4	16.245	4.031	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	2	72.5	72.5	82.	63.	180.5	13.435	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	2	12.1	12.1	12.6	11.6	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	2	7.45	7.45	7.7	7.2	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	2	7.382	7.382	7.7	7.2	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	2	0.042	0.042	0.063	0.02	0.001	0.031	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	2	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	2	1.75	1.75	2.	1.5	0.125	0.354	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	2	5.	5.	5.7	4.3	0.98	0.99	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	2	47.5	47.5	52.	43.	40.5	6.364	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	1	368.	368.	368.	368.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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Annual Analysis for 1965 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

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Annual Analysis for 1965 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	1	49.	49.	49.	49.	0.	0.	**	**	**	**

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

Annual Analysis for 1966 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	2	11.8	11.8	12.2	11.4	0.32	0.566	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	1	48.	48.	48.	48.	0.	0.	**	**	**	**

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Annual Analysis for 1967 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	2	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	2	84.	84.	96.	72.	288.	16.971	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	2	7.9	7.9	8.1	7.7	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	2	7.855	7.855	8.1	7.7	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	2	0.014	0.014	0.02	0.008	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	2	39.	39.	44.	34.	50.	7.071	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	2	13.5	13.5	15.	12.	4.5	2.121	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	2	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	2	1.85	1.85	2.1	1.6	0.125	0.354	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	2	5.4	5.4	6.3	4.5	1.62	1.273	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	2	53.5	53.5	60.	47.	84.5	9.192	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	1	183.	183.	183.	183.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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Annual Analysis for 1968 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	2	91.5	91.5	100.	83.	144.5	12.021	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	2	7.589	7.589	7.7	7.5	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	2	0.026	0.026	0.032	0.02	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	2	41.	41.	45.	37.	32.	5.657	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	2	13.	13.	15.	11.	8.	2.828	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	2	1.95	1.95	2.2	1.7	0.125	0.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	2	2.15	2.15	2.5	1.8	0.245	0.495	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	2	0.45	0.45	0.7	0.2	0.125	0.354	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	2	6.1	6.1	6.7	5.5	0.72	0.849	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	2	56.5	56.5	62.	51.	60.5	7.778	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	2	156.5	156.5	174.	139.	612.5	24.749	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	2	0.075	0.075	0.08	0.07	0.	0.007	**	**	**	**

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Annual Analysis for 1969 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	1	56.	56.	56.	56.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	1	54.	54.	54.	54.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	1	119.	119.	119.	119.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

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Annual Analysis for 1970 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**

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Annual Analysis for 1970 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	1	41.	41.	41.	41.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	1	42.	42.	42.	42.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	1	162.	162.	162.	162.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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

Annual Analysis for 1974 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	1	2710.	2710.	2710.	2710.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	1	54.	54.	54.	54.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	1	58.	58.	58.	58.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	1	395.	395.	395.	395.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	1	27.	27.	27.	27.	0.	0.	**	**	**	**

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Annual Analysis for 1975 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	6	6.15	7.583	14.4	3.8	16.994	4.122	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	6	991.	1121.5	1800.	730.	153539.9	391.842	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	6	85.5	88.333	100.	77.	92.267	9.606	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	6	7.35	7.367	7.8	7.	0.075	0.273	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	6	7.347	7.3	7.8	7.	0.08	0.283	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	6	0.045	0.05	0.1	0.016	0.001	0.029	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	7	0.13	0.117	0.15	0.08	0.001	0.03	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	4	0.07	0.073	0.12	0.03	0.002	0.049	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	4	0.04	0.053	0.1	0.03	0.001	0.033	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	7	0.1	0.109	0.15	0.07	0.001	0.031	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	7	0.03	0.03	0.05	0.01	0.	0.02	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	7	0.01	0.014	0.03	0.005	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	7	36.	37.857	49.	31.	45.81	6.768	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	7	13.	13.429	17.	11.	4.286	2.07	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	7	1.1	1.086	1.7	0.3	0.221	0.471	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	7	2.1	2.257	3.	1.8	0.166	0.408	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	7	0.2	0.157	0.2	0.1	0.003	0.053	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	7	11.	11.571	17.	9.	7.286	2.699	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	7	0.3	0.314	0.8	0.1	0.068	0.261	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	7	1.	1.186	2.	0.5	0.341	0.584	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	7	7.	7.571	10.	6.	2.286	1.512	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	7	0.1	0.086	0.1	0.05	0.001	0.024	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	7	5.3	5.429	6.4	4.2	0.692	0.832	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	7	54.	52.429	68.	35.	121.619	11.028	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	7	49.	50.714	64.	39.	74.238	8.616	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	7	159.	171.143	246.	106.	2679.143	51.76	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	7	0.07	0.07	0.09	0.05	0.	0.013	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	7	0.6	0.529	0.7	0.4	0.016	0.125	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	7	5.	5.143	13.	2.	14.476	3.805	**	**	**	**

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Annual Analysis for 1976 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	9	8.9	7.9	11.6	4.	7.447	2.729	4.	5.05	10.1	11.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	9	1530.	1478.889	2590.	572.	491097.111	700.783	572.	849.	2090.	2590.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	9	69.	74.667	97.	62.	178.75	13.37	62.	62.5	87.5	97.
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	9	7.1	7.067	7.3	6.6	0.04	0.2	6.6	7.	7.2	7.3
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	9	7.1	7.017	7.3	6.6	0.043	0.207	6.6	7.	7.2	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	9	0.079	0.096	0.251	0.05	0.004	0.06	0.05	0.063	0.1	0.251
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	9	0.08	0.071	0.16	0.02	0.002	0.049	0.02	0.02	0.105	0.16
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	9	0.02	0.028	0.07	0.	0.001	0.026	0.	0.005	0.055	0.07
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	9	0.02	0.034	0.1	0.01	0.001	0.027	0.01	0.02	0.04	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	9	0.06	0.062	0.12	0.02	0.002	0.039	0.02	0.02	0.095	0.12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	9 ##	0.05	0.042	0.05	0.02	0.	0.013	0.02	0.03	0.05	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	9	0.01	0.013	0.03	0.01	0.	0.007	0.01	0.01	0.015	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	9	37.	37.778	46.	29.	36.944	6.078	29.	32.	43.5	46.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	9	13.	13.	15.	10.	3.5	1.871	10.	11.5	15.	15.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	9	1.1	1.278	2.1	0.7	0.244	0.494	0.7	0.9	1.8	2.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	9	1.8	1.833	2.7	1.3	0.21	0.458	1.3	1.35	2.1	2.7
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	9	0.1	0.111	0.2	0.1	0.001	0.033	0.1	0.1	0.1	0.2
00932	SODIUM, PERCENT	10/19/59-11/22/85	9	9.	9.444	11.	8.	0.778	0.882	8.	9.	10.	11.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	9	0.1	0.167	0.4	0.1	0.013	0.112	0.1	0.1	0.25	0.4
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	9	1.	1.033	2.	0.8	0.14	0.374	0.8	0.8	1.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	9	8.	7.667	11.	6.	2.25	1.5	6.	6.5	8.	11.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	9	0.1	0.117	0.2	0.05	0.003	0.05	0.05	0.1	0.15	0.2

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Annual Analysis for 1976 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	9	4.9	5.044	6.3	4.3	0.57	0.755	4.3	4.35	5.75	6.3
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	9	50.	50.667	66.	30.	116.25	10.782	30.	45.5	59.5	66.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	9	49.	49.889	64.	40.	63.111	7.944	40.	42.5	55.5	64.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	9	180.	191.922	315.	97.3	6576.004	81.093	97.3	115.	271.	315.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	9	0.07	0.069	0.09	0.04	0.	0.016	0.04	0.06	0.085	0.09
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	9	0.4	0.322	0.7	0.1	0.044	0.211	0.1	0.1	0.45	0.7
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	9	2.	5.889	20.	1.	61.361	7.833	1.	1.	12.	20.

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Annual Analysis for 1977 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	8	8.8	8.9	14.3	4.2	16.269	4.033	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	8	951.	1133.75	2060.	566.	344695.357	587.108	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	8	81.5	82.75	100.	65.	106.214	10.306	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	2	11.25	11.25	12.9	9.6	5.445	2.333	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	8	7.	7.088	7.6	6.8	0.056	0.236	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	8	7.	7.042	7.6	6.8	0.058	0.241	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	8	0.1	0.091	0.158	0.025	0.001	0.038	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	6	0.09	0.1	0.15	0.07	0.001	0.033	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	6	0.045	0.058	0.1	0.04	0.001	0.026	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	8	0.03	0.028	0.05	0.005	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	6	0.085	0.092	0.14	0.07	0.001	0.026	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	8 ##	0.04	0.035	0.05	0.01	0.	0.018	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	8	0.01	0.014	0.03	0.005	0.	0.01	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	8	40.5	40.875	52.	31.	45.554	6.749	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	8	14.	14.5	19.	11.	7.429	2.726	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	8	1.1	1.138	1.7	0.6	0.128	0.358	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	8	2.15	2.163	2.6	1.6	0.117	0.342	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	8	0.15	0.15	0.2	0.1	0.003	0.053	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	8	10.5	10.375	13.	9.	1.982	1.408	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	8	0.2	0.175	0.2	0.1	0.002	0.046	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	8	0.95	1.038	2.	0.8	0.16	0.4	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	8	8.	7.875	10.	6.	1.839	1.356	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	8 ##	0.075	0.075	0.1	0.05	0.001	0.027	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	8	5.75	5.6	6.4	4.4	0.651	0.807	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	8	51.	51.25	60.	45.	35.929	5.994	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	8	53.5	52.25	59.	41.	39.357	6.274	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	8	136.5	155.213	302.	79.5	6332.476	79.577	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	8	0.07	0.07	0.08	0.06	0.	0.009	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	6	0.4	0.45	0.7	0.3	0.027	0.164	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	8	2.5	8.5	42.	1.	201.429	14.193	**	**	**	**

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Annual Analysis for 1978 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	8	5.95	6.675	10.9	3.3	7.405	2.721	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	8	956.	1030.75	1870.	450.	167714.214	409.529	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	8	83.	81.625	102.	61.	140.839	11.868	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	8	12.6	12.25	13.4	10.8	1.011	1.006	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	8	7.65	7.6	8.	7.2	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	8	7.647	7.522	8.	7.2	0.087	0.295	**	**	**	**

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Annual Analysis for 1978 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	8	0.023	0.03	0.063	0.01	0.	0.019	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	8	0.23	0.246	0.63	0.07	0.03	0.173	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	8	0.2	0.166	0.3	0.05	0.01	0.099	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	8 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	8	0.21	0.171	0.31	0.05	0.011	0.103	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	8	0.03	0.075	0.32	0.01	0.011	0.107	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	8	0.01	0.009	0.01	0.005	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	8	40.	37.625	46.	27.	54.839	7.405	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	8	14.	12.938	16.	9.	7.603	2.757	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	8	1.3	1.263	1.6	0.8	0.068	0.262	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	8	2.	2.2	3.2	1.5	0.451	0.672	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	8	0.1	0.15	0.3	0.1	0.006	0.076	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	8	10.	11.625	18.	7.	20.268	4.502	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	8	0.2	0.25	0.5	0.1	0.014	0.12	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	8	1.	1.2	3.	0.7	0.54	0.735	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	8	8.5	8.5	11.	5.	4.	2.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	8	0.1	0.081	0.1	0.05	0.001	0.026	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	8	5.9	5.938	6.9	5.2	0.426	0.652	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	8	50.5	48.75	60.	38.	47.643	6.902	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	8	54.5	51.5	60.	41.	58.571	7.653	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	8	137.	132.863	192.	54.7	1768.997	42.059	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	8	0.07	0.066	0.08	0.05	0.	0.009	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	8	1.	1.088	2.8	0.3	0.596	0.772	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	8	5.	9.25	41.	3.	167.071	12.926	**	**	**	**

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Annual Analysis for 1979 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	10	6.55	7.33	14.	1.2	17.829	4.222	1.38	4.2	10.875	13.89
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	10	704.	999.6	2880.	380.	580679.822	762.024	384.	534.	1240.	2755.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	10	84.	86.9	102.	72.	118.989	10.908	72.5	77.75	99.5	101.9
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	10	11.65	11.77	13.4	10.1	1.298	1.139	10.15	10.9	12.825	13.38
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	10	7.4	7.47	8.	6.9	0.136	0.368	6.92	7.175	7.825	7.99
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	10	7.389	7.338	8.	6.9	0.155	0.394	6.92	7.175	7.825	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	10	0.041	0.046	0.126	0.01	0.001	0.037	0.01	0.015	0.067	0.121
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	10	0.155	0.294	1.2	0.08	0.117	0.342	0.08	0.087	0.353	1.128
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	10	0.115	0.239	1.2	0.01	0.126	0.355	0.013	0.04	0.258	1.117
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	10	0.01	0.014	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.029
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	10	0.12	0.251	1.2	0.03	0.124	0.352	0.031	0.055	0.273	1.12
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	10	0.04	0.046	0.1	0.01	0.001	0.031	0.011	0.02	0.08	0.098
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	10	0.01	0.024	0.09	0.005	0.001	0.026	0.006	0.01	0.033	0.085
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	10	38.5	39.	46.	31.	22.667	4.761	31.3	35.5	43.	45.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	10	13.5	13.7	16.	11.	2.456	1.567	11.1	12.75	15.	15.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	10	1.15	1.17	1.5	0.8	0.053	0.231	0.81	0.975	1.4	1.49
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	10	2.1	2.15	3.2	1.4	0.223	0.472	1.44	1.875	2.325	3.12
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	10	0.15	0.15	0.2	0.1	0.003	0.053	0.1	0.1	0.2	0.2
00932	SODIUM, PERCENT	10/19/59-11/22/85	10	10.5	11.3	16.	9.	4.233	2.058	9.1	10.	12.25	15.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	10	0.15	0.16	0.3	0.1	0.005	0.07	0.1	0.1	0.2	0.29
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	10	0.95	1.23	3.	0.8	0.509	0.713	0.8	0.875	1.25	2.9
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	10	11.	10.9	14.	8.	3.878	1.969	8.	9.5	12.25	13.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	10	0.1	0.095	0.1	0.05	0.	0.016	0.055	0.1	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	10	5.6	5.56	6.7	3.8	0.772	0.878	3.89	5.075	6.375	6.69
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	9	57.	56.556	72.	42.	87.528	9.356	42.	49.	63.5	72.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	10	53.	52.5	60.	42.	34.722	5.893	42.4	47.5	58.25	59.9
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	10	113.5	150.4	467.	66.9	15282.862	123.624	67.08	77.55	170.75	445.4

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Annual Analysis for 1979 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	10	0.08	0.082	0.12	0.06	0.	0.018	0.061	0.07	0.093	0.118
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	10	0.7	1.32	5.4	0.4	2.348	1.532	0.4	0.4	1.575	5.07
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	10	3.5	12.7	81.	2.	588.9	24.267	2.	2.	9.75	74.1

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Annual Analysis for 1980 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	9	6.	7.178	13.	3.7	12.637	3.555	3.7	3.9	10.2	13.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	9	1290.	1657.556	5180.	410.	2033008.778	1425.836	410.	799.	1940.	5180.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	9	92.	89.667	98.	80.	35.5	5.958	80.	85.	94.5	98.
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	9	12.3	12.067	13.	10.8	0.78	0.883	10.8	11.05	12.9	13.
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	9	7.6	7.6	8.3	6.9	0.235	0.485	6.9	7.15	8.05	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	9	7.6	7.384	8.3	6.9	0.288	0.536	6.9	7.15	8.05	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	9	0.025	0.041	0.126	0.005	0.002	0.041	0.005	0.009	0.071	0.126
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	9	0.44	0.727	2.9	0.12	0.715	0.845	0.12	0.325	0.805	2.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	9	0.42	0.686	2.9	0.12	0.741	0.861	0.12	0.225	0.76	2.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	9	0.02	0.026	0.06	0.005	0.001	0.023	0.005	0.005	0.05	0.06
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	9	0.44	0.704	2.9	0.12	0.725	0.851	0.12	0.285	0.76	2.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	9	0.05	0.044	0.06	0.02	0.	0.012	0.02	0.035	0.05	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	9	0.02	0.026	0.05	0.01	0.	0.013	0.01	0.015	0.035	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	9	40.	40.	44.	35.	9.5	3.082	35.	37.	42.5	44.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	9	14.	13.778	15.	12.	0.944	0.972	12.	13.	14.5	15.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	9	1.3	1.3	1.7	1.	0.062	0.25	1.	1.1	1.55	1.7
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	9	2.	1.922	2.1	1.6	0.029	0.172	1.6	1.8	2.05	2.1
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	10/19/59-11/22/85	9	9.	9.444	11.	9.	0.528	0.726	9.	9.	10.	11.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	9	0.2	0.167	0.2	0.	0.005	0.071	0.	0.15	0.2	0.2
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	9	1.	1.4	3.	0.3	1.028	1.014	0.3	0.75	2.5	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	9	8.	8.556	11.	7.	2.278	1.509	7.	7.	10.	11.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	9	0.1	0.089	0.1	0.	0.001	0.033	0.	0.1	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	9	5.9	5.967	6.7	5.1	0.443	0.665	5.1	5.35	6.7	6.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	9	56.	57.333	65.	51.	19.25	4.387	51.	54.	60.5	65.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	9	53.	53.111	60.	46.	24.611	4.961	46.	48.5	57.5	60.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	9	196.	252.711	769.	68.4	44332.301	210.552	68.4	120.5	301.	769.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	9	0.08	0.078	0.09	0.07	0.	0.007	0.07	0.07	0.08	0.09
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	9	1.9	3.222	13.	0.5	14.434	3.799	0.5	1.45	3.55	13.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	9	13.	13.556	38.	1.	153.778	12.401	1.	2.	22.	38.

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Annual Analysis for 1981 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	10	7.7	8.74	13.8	4.4	12.705	3.564	4.48	5.425	12.45	13.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	10	1090.	1124.8	2360.	420.	311329.067	557.969	431.8	751.	1317.5	2288.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	10	92.	93.5	110.	81.	86.944	9.324	81.3	85.5	101.	109.1
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	10	11.35	11.21	12.3	9.8	1.008	1.004	9.82	10.15	12.2	12.29
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	10	7.5	7.46	7.9	6.9	0.072	0.267	6.93	7.35	7.6	7.87
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	10	7.5	7.377	7.9	6.9	0.079	0.281	6.93	7.35	7.6	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	10	0.032	0.042	0.126	0.013	0.001	0.032	0.014	0.025	0.046	0.12
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	9	0.47	0.528	1.2	0.2	0.09	0.3	0.2	0.325	0.65	1.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	9	0.35	0.442	1.1	0.2	0.089	0.299	0.2	0.21	0.595	1.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	9	0.04	0.058	0.13	0.005	0.002	0.046	0.005	0.018	0.1	0.13

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Annual Analysis for 1981 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	10	0.42	0.495	1.1	0.2	0.068	0.262	0.208	0.333	0.6	1.065
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	9	0.05	0.052	0.17	0.01	0.002	0.049	0.01	0.01	0.06	0.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	10	0.025	0.026	0.05	0.01	0.	0.015	0.01	0.01	0.035	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	10	40.	40.5	46.	36.	8.5	2.915	36.1	38.5	42.25	45.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	10	14.	14.3	16.	13.	0.9	0.949	13.	13.75	15.	15.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	10	1.2	1.16	1.4	0.9	0.025	0.158	0.91	1.	1.3	1.39
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	10	2.25	2.6	4.	2.	0.529	0.727	2.01	2.175	3.125	3.98
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	10	0.2	0.21	0.3	0.1	0.003	0.057	0.11	0.2	0.225	0.3
00932	SODIUM, PERCENT	10/19/59-11/22/85	10	11.	11.9	16.	10.	4.1	2.025	10.	10.75	12.75	15.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	10	0.2	0.98	8.2	0.	6.444	2.539	0.01	0.1	0.3	7.41
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	10	0.85	0.83	1.	0.6	0.033	0.183	0.6	0.675	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	10	9.	8.7	11.	5.	4.9	2.214	5.1	6.75	11.	11.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	10	0.1	0.08	0.1	0.	0.002	0.042	0.	0.075	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	10	5.55	5.81	6.9	4.6	0.688	0.829	4.62	5.25	6.625	6.88
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	10	56.	56.6	75.	49.	59.6	7.72	49.	49.75	58.75	73.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	10	52.5	54.9	71.	47.	49.211	7.015	47.2	50.5	59.25	69.9
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	9	145.	149.022	227.	65.8	3062.574	55.341	65.8	103.7	198.5	227.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	10	0.075	0.077	0.1	0.07	0.	0.009	0.07	0.07	0.08	0.098
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	9	2.1	2.322	5.2	0.9	1.659	1.288	0.9	1.45	2.85	5.2
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	9	15.	14.889	39.	2.	159.611	12.634	2.	3.5	24.5	39.

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Annual Analysis for 1982 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	6	6.8	7.283	12.2	3.3	12.762	3.572	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	6	1535.	1422.333	2420.	439.	665450.667	815.752	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	6	93.5	87.833	96.	66.	136.567	11.686	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	6	11.85	11.783	13.3	10.6	0.942	0.97	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	6	7.85	7.817	8.4	7.2	0.162	0.402	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	6	7.847	7.662	8.4	7.2	0.19	0.436	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	6	0.014	0.022	0.063	0.004	0.	0.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	5	0.6	0.522	0.86	0.17	0.11	0.331	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	6	0.01	0.018	0.04	0.005	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	6	41.	40.	46.	33.	20.4	4.517	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	6	14.	14.	16.	12.	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	6	1.2	1.233	1.6	0.8	0.083	0.288	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	6	2.	1.95	2.2	1.5	0.063	0.251	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	6	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	6 ##	4.75	4.75	9.	0.5	21.675	4.656	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	6	0.2	0.233	0.3	0.2	0.003	0.052	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	6	0.9	0.867	1.	0.6	0.023	0.151	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	6	7.	7.5	9.	6.	1.5	1.225	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	6 ##	0.05	0.083	0.2	0.05	0.004	0.061	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	6	5.75	5.967	7.1	4.9	0.639	0.799	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	6	56.	55.333	64.	43.	51.467	7.174	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	6	57.5	55.167	61.	46.	30.967	5.565	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	6	0.075	0.075	0.09	0.06	0.	0.01	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	6	4.5	5.333	11.	2.	12.667	3.559	**	**	**	**

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

Annual Analysis for 1983 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	16	5.4	6.556	12.3	5.2	4.937	2.222	5.2	5.2	7.45	11.32
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	6	1505.	2577.333	8100.	494.	7870290.667	2805.404	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	16	73.	75.375	90.	68.	37.183	6.098	70.1	72.	78.5	87.9
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	16	7.85	9.206	13.1	7.5	4.031	2.008	7.5	7.8	11.35	12.4
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	5	7.9	7.56	8.1	6.7	0.388	0.623	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	5	7.9	7.208	8.1	6.7	0.543	0.737	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	5	0.013	0.062	0.2	0.008	0.007	0.083	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	6	0.3	0.383	0.8	0.2	0.054	0.232	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	6	0.03	0.032	0.06	0.01	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	2	35.	35.	38.	32.	18.	4.243	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	6	13.	12.667	14.	11.	1.867	1.366	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	6	1.2	1.117	1.2	0.8	0.026	0.16	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	6	1.85	1.85	2.3	1.4	0.091	0.302	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	6	0.25	0.267	0.4	0.2	0.007	0.082	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	6	0.9	2.217	9.	0.6	11.062	3.326	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	6	8.	7.833	9.	6.	1.367	1.169	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	6	5.35	5.367	6.4	4.4	0.507	0.712	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	6	50.	48.167	59.	34.	80.967	8.998	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	2	49.5	49.5	53.	46.	24.5	4.95	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	6	8.	16.167	41.	1.	323.367	17.982	**	**	**	**

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

Annual Analysis for 1984 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	6	6.4	7.5	13.2	4.5	12.516	3.538	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	6	1565.	1808.	4370.	438.	1844272.	1358.04	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	6	84.	84.667	95.	71.	75.867	8.71	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	6	12.1	12.05	13.3	10.1	1.499	1.224	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	6	7.9	7.9	8.2	7.5	0.052	0.228	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	6	7.9	7.845	8.2	7.5	0.056	0.236	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	6	0.013	0.014	0.032	0.006	0.	0.009	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	6 ##	0.1	0.117	0.2	0.1	0.002	0.041	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	6	0.01	0.01	0.02	0.005	0.	0.005	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	6	13.5	13.333	15.	11.	1.867	1.366	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	6	1.25	1.2	1.4	0.8	0.044	0.21	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	6	1.95	1.883	2.1	1.4	0.062	0.248	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	6	0.2	0.208	0.4	0.05	0.012	0.111	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	6	0.7	0.717	0.9	0.6	0.01	0.098	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	6	8.5	8.167	9.	6.	1.367	1.169	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	6	5.95	5.183	6.3	2.2	2.51	1.584	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	6	48.	49.667	62.	39.	59.467	7.711	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	6	4.	7.333	22.	3.	55.067	7.421	**	**	**	**

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Annual Analysis for 1985 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	24	14.	12.358	14.2	3.	13.673	3.698	3.2	13.55	14.175	14.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	6	735.	765.667	1140.	372.	97549.467	312.329	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	24	82.	86.375	132.	79.	159.288	12.621	80.	81.	84.	107.
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	24	9.5	10.1	13.6	9.2	1.889	1.374	9.2	9.2	10.15	13.2
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	7	7.7	8.057	10.	7.2	0.833	0.913	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	7	7.7	7.685	10.	7.2	0.994	0.997	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	7	0.02	0.021	0.063	0.	0.	0.021	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	6 ##	0.1	0.15	0.3	0.1	0.007	0.084	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	6 ##	0.008	0.014	0.04	0.005	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	6	15.	15.167	18.	12.	4.567	2.137	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	6	1.3	1.35	1.8	0.9	0.099	0.315	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	6	2.2	2.233	3.	1.6	0.235	0.484	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/19/59-11/22/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	6	0.3	0.333	0.6	0.2	0.027	0.163	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	6	0.95	0.867	1.	0.6	0.031	0.175	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	6	9.5	9.333	11.	7.	1.867	1.366	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	6	6.1	6.183	7.1	5.1	0.502	0.708	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	6	56.5	56.5	65.	43.	59.9	7.74	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	1	52.	52.	52.	52.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	6	3.5	3.333	6.	1.	3.067	1.751	**	**	**	**

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

Annual Analysis for 1986 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	5	7.9	8.78	13.5	3.4	20.707	4.55	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	5	1310.	1224.2	1900.	631.	258733.2	508.658	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	5	93.	95.4	108.	87.	87.3	9.343	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	5	11.7	11.48	13.3	9.8	2.282	1.511	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	5	7.8	7.7	7.9	7.2	0.085	0.292	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	5	7.8	7.605	7.9	7.2	0.096	0.31	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	5	0.016	0.025	0.063	0.013	0.	0.022	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	5	0.02	0.022	0.04	0.005	0.	0.018	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	5 ##	0.1	0.14	0.2	0.1	0.003	0.055	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	5	0.01	0.009	0.01	0.005	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	5	14.	14.4	16.	13.	2.3	1.517	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	5	1.3	1.26	1.5	1.1	0.028	0.167	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	5	2.	2.06	2.3	1.9	0.033	0.182	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	5	0.3	0.3	0.4	0.2	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	5	0.8	1.06	2.	0.7	0.288	0.537	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	5	10.	9.4	10.	8.	0.8	0.894	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	5 ##	0.05	0.07	0.1	0.05	0.001	0.027	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	5	5.7	5.74	6.4	5.1	0.313	0.559	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	5	56.	57.4	68.	49.	50.8	7.127	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	5	4.	3.6	7.	1.	5.3	2.302	**	**	**	**

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

Annual Analysis for 1994 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	3	6.3	7.1	8.9	6.1	2.44	1.562	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	3	97.	97.667	101.	95.	9.333	3.055	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	3	12.4	12.2	12.5	11.7	0.19	0.436	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-04/22/94	3	7.6	7.467	7.6	7.2	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	3	7.6	7.423	7.6	7.2	0.056	0.237	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	3	0.025	0.038	0.063	0.025	0.	0.022	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	3	14.	14.333	15.	14.	0.333	0.577	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	3	1.3	1.3	1.4	1.2	0.01	0.1	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	3	2.	1.967	2.1	1.8	0.023	0.153	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	3	0.9	0.867	0.9	0.8	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	3	9.	8.667	9.	8.	0.333	0.577	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	18	8.5	8.067	13.3	3.2	7.624	2.761	4.28	5.65	10.275	11.5
00025	BAROMETRIC PRESSURE (MM OF HG)	11/29/82-04/22/94	4	753.5	752.	766.	735.	164.667	12.832	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-06/12/70	6	981.	1811.	6500.	348.	5414447.6	2326.897	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	13	1120.	1263.077	2710.	410.	651731.744	807.299	414.	511.	1955.	2570.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/78-04/22/94	10	3.7	3.49	6.6	0.4	4.881	2.209	0.42	1.575	5.45	6.56
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/59-06/12/70	6	5.	4.167	5.	0.	4.167	2.041	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	19	88.	83.632	102.	10.	400.69	20.017	72.	80.	96.	101.
00300p	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	15	11.3	11.467	13.2	9.6	0.997	0.998	10.2	10.8	12.2	13.2
00400p	PH (STANDARD UNITS)	10/19/59-04/22/94	18	7.5	7.356	7.9	6.4	0.16	0.4	6.58	7.175	7.6	7.81
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	18	7.5	7.137	7.9	6.4	0.211	0.459	6.58	7.175	7.6	7.81
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	18	0.032	0.073	0.398	0.013	0.01	0.099	0.016	0.025	0.067	0.266
00403	PH, LAB, STANDARD UNITS SU	10/10/80-04/22/94	7	7.6	7.643	8.	7.3	0.07	0.264	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/80-04/22/94	7	7.6	7.578	8.	7.3	0.074	0.273	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/80-04/22/94	7	0.025	0.026	0.05	0.01	0.	0.015	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-09/24/86	14	34.	33.429	40.	21.	20.418	4.519	25.5	31.75	36.	39.5
00440	BICARBONATE ION (MG/L AS HCO3)	10/19/59-06/03/80	9	42.	43.	49.	37.	13.75	3.708	37.	41.	46.	49.
00445	CARBONATE ION (MG/L AS CO3)	10/19/59-04/18/78	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	7	0.31	0.769	2.9	0.09	1.018	1.009	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	6	0.32	0.832	2.9	0.07	1.192	1.092	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	8	0.015	0.018	0.04	0.005	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	12	0.335	0.596	2.9	0.09	0.621	0.788	0.093	0.193	0.575	2.39
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	8 ##	0.05	0.045	0.08	0.02	0.	0.019	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-04/22/94	9 ##	0.05	0.052	0.1	0.02	0.	0.02	0.02	0.05	0.05	0.1
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	10/19/59-07/13/82	5	0.02	0.022	0.05	0.	0.	0.019	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	13	0.01	0.017	0.04	0.005	0.	0.012	0.007	0.01	0.025	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/77-09/24/86	11	0.005	0.008	0.02	0.	0.	0.005	0.001	0.005	0.01	0.018
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/75-04/22/94	6 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/25/77-04/22/94	3	2.	2.333	3.6	1.4	1.293	1.137	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	17	40.	40.	47.	27.	23.	4.796	32.6	37.	43.	45.4
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/59-11/22/85	13	5.	5.846	12.	2.	7.641	2.764	2.8	4.	7.5	11.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	19	14.	14.053	17.	9.	3.83	1.957	11.	13.	15.	17.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	19	1.2	1.147	2.2	0.5	0.138	0.372	0.6	1.	1.3	1.6
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	19	2.	2.079	3.2	1.5	0.167	0.409	1.6	1.9	2.2	2.8
00931p	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	17	0.1	0.124	0.2	0.1	0.002	0.044	0.1	0.1	0.15	0.2
00932p	SODIUM, PERCENT	10/19/59-11/22/85	17	10.	10.471	18.	8.	6.89	2.625	8.8	9.	11.	16.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	19	0.2	0.237	0.6	0.	0.022	0.15	0.1	0.1	0.3	0.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	19	0.9	0.911	3.	0.	0.331	0.575	0.3	0.7	1.	1.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	19	8.	8.526	14.	5.	4.485	2.118	6.	7.	9.	12.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	19	0.1	0.082	0.3	0.	0.004	0.063	0.	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	19	5.5	5.495	6.3	4.5	0.251	0.501	4.6	5.2	5.9	6.2
01002	ARSENIC, TOTAL (UG/L AS AS)	04/14/75-04/22/94	5	1.	0.8	1.	0.5	0.075	0.274	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/25/77-04/22/94	4 ##	50.	87.5	200.	50.	5625.	75.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/14/75-04/22/94	5 ##	1.	4.3	10.	0.	27.2	5.215	**	**	**	**
01034p	CHROMIUM, TOTAL (UG/L AS CR)	10/17/67-04/22/94	7	0.	1.286	5.	0.	4.905	2.215	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	04/14/75-07/13/82	5 ##	4.	20.8	50.	0.	713.2	26.706	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	04/14/75-07/13/82	5	8.	7.9	16.	3.	27.55	5.249	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/14/75-04/22/94	5	10.	11.6	16.	7.	14.3	3.782	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	10/19/59-04/22/94	8	140.	328.75	880.	50.	120669.643	347.375	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	04/14/75-07/13/82	5	10.	23.6	49.5	5.	520.675	22.818	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/14/75-04/22/94	5	10.	44.4	100.	5.	2579.3	50.787	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/14/75-07/13/82	5	20.	14.	20.	0.	80.	8.944	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/14/75-04/22/94	5	20.	21.	30.	5.	105.	10.247	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/25/77-04/22/94	5 ##	0.	2.1	10.	0.	19.55	4.422	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	04/14/75-07/13/82	5	10.	10.	30.	0.	150.	12.247	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/14/75-04/22/94	5	20.	18.	40.	0.	220.	14.832	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/14/75-04/22/94	5 ##	0.5	0.4	0.5	0.	0.05	0.224	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	11	2.	2.455	6.	0.5	4.023	2.006	0.5	1.	5.	5.8
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	11	0.301	0.241	0.778	-0.301	0.153	0.392	-0.301	0.	0.699	0.762
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.743								

** - Less than 9 observations ## - Computed with 50% or more 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: 10/01 to 11/30 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	11	5.	6.545	19.	0.5	35.223	5.935	0.5	2.	10.	18.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	11	0.699	0.598	1.279	-0.301	0.277	0.526	-0.301	0.301	1.	1.258
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.959								
60050	ALGAE, TOTAL (CELLS/ML)	11/21/74-09/09/81	4	140.	131.75	210.	37.	6145.583	78.394	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	19	55.	55.895	72.	42.	57.544	7.586	45.	51.	59.	67.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	11	56.	54.455	60.	41.	28.673	5.355	43.	52.	58.	59.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	14	125.	205.1	965.	54.7	57265.085	239.301	58.85	70.725	212.75	680.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	16	0.08	0.078	0.1	0.06	0.	0.011	0.06	0.07	0.087	0.093
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/21/74-03/09/83	6	92.	89.667	99.	73.	96.667	9.832	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/17/79-01/08/86	6	0.055	0.057	0.13	0.	0.003	0.055	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/19/59-07/07/81	6	0.	0.05	0.2	0.	0.007	0.084	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-01/08/86	8	0.03	0.045	0.12	0.03	0.001	0.032	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	7	1.4	3.429	13.	0.4	20.569	4.535	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/14/75-04/22/94	4 ##	0.05	0.038	0.05	0.	0.001	0.025	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	13	9.	9.769	27.	1.	63.026	7.939	1.4	3.5	13.5	25.4
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/21/74-09/09/81	8	10.05	42.65	198.	1.5	4611.383	67.907	**	**	**	**

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	51	5.	4.702	6.8	1.2	1.085	1.042	3.22	4.	5.4	5.78
00025	BAROMETRIC PRESSURE (MM OF HG)	11/29/82-04/22/94	8	760.	759.5	770.	750.	44.286	6.655	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-06/12/70	9	1240.	1964.111	4910.	627.	1782054.611	1334.936	627.	1125.	2740.	4910.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	31	1240.	1745.323	8100.	380.	2497535.026	1580.359	568.2	920.	1920.	4072.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/78-04/22/94	21	5.5	11.805	75.	0.5	311.809	17.658	0.84	1.7	16.	35.4
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/59-06/12/70	9	5.	6.222	10.	5.	4.694	2.167	5.	5.	8.	10.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	50	84.5	86.16	116.	71.	125.892	11.22	72.1	76.25	93.	101.9
00300p	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	43	12.5	11.64	14.1	7.5	4.888	2.211	7.8	12.1	13.1	13.36
00400p	PH (STANDARD UNITS)	10/19/59-04/22/94	40	7.5	7.522	8.4	6.7	0.177	0.42	6.91	7.2	7.8	8.09
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	40	7.5	7.336	8.4	6.7	0.212	0.461	6.91	7.2	7.8	8.09
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	40	0.032	0.046	0.2	0.004	0.002	0.045	0.008	0.016	0.063	0.123
00403	PH, LAB, STANDARD UNITS SU	10/10/80-04/22/94	14	7.9	7.893	8.3	7.4	0.099	0.315	7.45	7.6	8.225	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/80-04/22/94	14	7.9	7.792	8.3	7.4	0.11	0.332	7.45	7.6	8.225	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/80-04/22/94	14	0.013	0.016	0.04	0.005	0.	0.011	0.005	0.006	0.025	0.036
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-09/24/86	29	35.	35.448	44.	27.	18.97	4.356	29.	32.5	38.5	42.
00440	BICARBONATE ION (MG/L AS HCO3)	10/19/59-06/03/80	19	43.	42.579	51.	33.	22.257	4.718	33.	40.	46.	50.
00445	CARBONATE ION (MG/L AS CO3)	10/19/59-04/18/78	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	20	0.155	0.257	0.84	0.07	0.044	0.21	0.08	0.123	0.378	0.615
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	20	0.11	0.185	0.8	0.01	0.039	0.198	0.02	0.043	0.295	0.451
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	22	0.02	0.027	0.1	0.005	0.001	0.029	0.005	0.005	0.04	0.088
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	30	0.155	0.219	0.8	0.03	0.038	0.196	0.05	0.1	0.303	0.454
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	21	0.04	0.057	0.32	0.01	0.005	0.067	0.01	0.025	0.055	0.124
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-04/22/94	18 ##	0.05	0.051	0.08	0.03	0.	0.009	0.039	0.05	0.05	0.062
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	10/19/59-07/13/82	14	0.015	0.024	0.11	0.	0.001	0.03	0.	0.	0.03	0.085
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	31	0.01	0.024	0.09	0.005	0.	0.021	0.005	0.01	0.04	0.05
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/77-09/24/86	25	0.01	0.015	0.04	0.	0.	0.01	0.005	0.01	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/75-04/22/94	15 ##	0.005	0.009	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/25/77-04/22/94	3	2.5	2.3	3.6	0.8	1.99	1.411	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	34	40.	39.794	46.	30.	20.35	4.511	33.	37.	43.25	46.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/59-11/22/85	26	5.	5.577	12.	2.	7.054	2.656	2.	3.75	8.	10.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	40	14.	13.963	18.	9.5	3.261	1.806	12.	13.	15.	16.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	40	1.3	1.34	1.8	0.5	0.079	0.282	1.	1.2	1.5	1.7
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	40	2.1	2.168	4.	1.4	0.284	0.533	1.6	1.9	2.275	2.96
00931p	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	33	0.1	0.142	0.3	0.1	0.004	0.066	0.1	0.1	0.2	0.26
00932p	SODIUM, PERCENT	10/19/59-11/22/85	33	10.	10.076	18.	0.5	8.064	2.84	7.8	9.	11.	14.2

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	40	0.2	0.438	8.2	0.	1.598	1.264	0.1	0.2	0.3	0.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	40	1.	0.97	2.	0.	0.17	0.413	0.5	0.8	1.	1.9
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	40	8.	8.425	11.	5.	2.353	1.534	7.	7.	10.	10.9
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	40	0.1	0.083	0.1	0.	0.001	0.029	0.05	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	40	6.4	6.427	7.8	5.	0.343	0.586	5.7	6.	6.7	7.1
01002	ARSENIC, TOTAL (UG/L AS AS)	04/14/75-04/22/94	6	1.	1.25	2.	0.5	0.375	0.612	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/25/77-04/22/94	5 ##	50.	30.	50.	0.	750.	27.386	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/14/75-04/22/94	6 ##	0.75	2.25	10.	0.	14.975	3.87	**	**	**	**
01034p	CHROMIUM, TOTAL (UG/L AS CR)	10/17/67-04/22/94	6 ##	0.	2.5	10.	0.	17.5	4.183	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	04/14/75-07/13/82	6	2.	9.833	50.	1.	387.767	19.692	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	04/14/75-07/13/82	5	10.	11.8	18.	6.	25.2	5.02	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/14/75-04/22/94	6	10.5	12.	20.	6.	33.2	5.762	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	10/19/59-04/22/94	15	290.	591.333	2300.	60.	524183.81	724.005	66.	170.	620.	2240.
01050	LEAD, SUSPENDED (UG/L AS PB)	04/14/75-07/13/82	6	10.5	15.417	48.5	2.	275.242	16.59	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/14/75-04/22/94	6	12.	26.667	100.	5.	1322.267	36.363	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/14/75-07/13/82	6	20.	16.667	30.	0.	106.667	10.328	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/14/75-04/22/94	6	25.	31.667	60.	20.	256.667	16.021	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/25/77-04/22/94	7	0.	1.5	8.	0.	8.75	2.958	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	04/14/75-07/13/82	6	15.	31.667	90.	10.	1056.667	32.506	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/14/75-04/22/94	6	25.	41.667	100.	20.	1056.667	32.506	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/14/75-04/22/94	6 ##	0.5	0.333	0.5	0.	0.067	0.258	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	27	1.	11.815	180.	0.5	1293.137	35.96	0.5	0.5	3.	39.2
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	27	0.	0.251	2.255	-0.301	0.486	0.697	-0.301	-0.301	0.477	1.581
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.783								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	27 ##	0.5	11.593	240.	0.5	2119.424	46.037	0.5	0.5	2.	21.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	27 ##	-0.301	0.121	2.38	-0.301	0.435	0.66	-0.301	-0.301	0.301	1.324
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.321								
60050	ALGAE, TOTAL (CELLS/ML)	11/21/74-09/09/81	6	19.5	42.833	140.	2.	2779.367	52.72	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	40	56.	56.1	75.	42.	50.708	7.121	46.1	52.	60.	65.9
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	25	55.	54.6	71.	42.	37.083	6.09	46.	51.	59.	60.4
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	29	186.	244.686	769.	68.7	24922.867	157.87	112.	146.	272.	467.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	33	0.08	0.076	0.1	0.06	0.	0.01	0.06	0.07	0.08	0.09
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/21/74-03/09/83	22	92.5	90.818	100.	65.	90.823	9.53	73.2	87.75	98.25	99.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/17/79-01/08/86	12	0.04	0.044	0.09	0.	0.001	0.035	0.	0.01	0.08	0.09
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/19/59-07/07/81	9	0.2	0.167	0.3	0.	0.01	0.1	0.	0.1	0.25	0.3
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-01/08/86	14	0.105	0.108	0.28	0.03	0.005	0.074	0.03	0.03	0.15	0.23
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	20	0.7	1.14	3.7	0.3	0.852	0.923	0.4	0.525	1.675	2.73
71900	MERCURY, TOTAL (UG/L AS HG)	04/14/75-04/22/94	6	0.1	0.15	0.3	0.05	0.01	0.1	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	31	9.	17.516	81.	1.	334.391	18.286	2.	4.	26.	41.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/21/74-09/09/81	21	58.	94.448	531.	2.1	17255.467	131.36	3.	12.9	105.	331.6

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	64	10.5	10.67	15.5	5.5	9.615	3.101	6.2	7.925	14.	14.2
00025	BAROMETRIC PRESSURE (MM OF HG)	11/29/82-04/22/94	11	760.	760.909	770.	755.	14.291	3.78	755.6	759.	763.	768.6
00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-06/12/70	13	1770.	1890.	3170.	1040.	328133.333	572.829	1200.	1485.	2220.	2974.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	30	1185.	1379.433	2590.	668.	263440.392	513.264	821.6	977.	1792.5	2074.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/78-04/22/94	23	1.2	1.396	2.6	0.6	0.508	0.713	0.6	0.8	2.1	2.6
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/59-06/12/70	13	5.	3.077	5.	0.	6.41	2.532	0.	0.	5.	5.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	64	82.	83.281	132.	61.	145.951	12.081	67.	77.25	91.75	98.
00300p	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	52	10.85	10.731	12.7	9.2	1.328	1.153	9.2	9.525	11.7	12.37
00400p	PH (STANDARD UNITS)	10/19/59-04/22/94	47	7.6	7.611	10.	7.	0.238	0.488	7.08	7.2	7.9	8.
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	47	7.6	7.442	10.	7.	0.267	0.517	7.08	7.2	7.9	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	47	0.025	0.036	0.1	0.	0.001	0.029	0.01	0.013	0.063	0.084

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	10/10/80-04/22/94	17	7.7	7.676	8.2	7.	0.114	0.338	7.16	7.4	7.9	8.12
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/80-04/22/94	17	7.7	7.549	8.2	7.	0.132	0.363	7.16	7.4	7.9	8.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/80-04/22/94	17	0.02	0.028	0.1	0.006	0.001	0.024	0.008	0.013	0.04	0.07
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-09/24/86	34	30.	32.441	50.	22.	44.86	6.698	24.5	27.75	36.25	43.
00440	BICARBONATE ION (MG/L AS HCO3)	10/19/59-06/03/80	25	37.	39.4	52.	29.	50.25	7.089	31.6	33.5	44.5	52.
00445	CARBONATE ION (MG/L AS CO3)	10/19/59-04/18/78	23	0.	0.348	8.	0.	2.783	1.668	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	21	0.1	0.266	1.2	0.02	0.096	0.309	0.046	0.08	0.36	0.766
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	19	0.06	0.238	1.1	0.	0.093	0.306	0.02	0.04	0.34	0.72
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	21	0.03	0.033	0.13	0.005	0.001	0.028	0.006	0.015	0.04	0.066
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	30	0.1	0.241	1.1	0.02	0.076	0.276	0.061	0.08	0.31	0.747
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	21	0.05	0.036	0.07	0.01	0.	0.02	0.01	0.015	0.05	0.05
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-04/22/94	19 ##	0.05	0.039	0.05	0.003	0.	0.018	0.005	0.03	0.05	0.05
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	10/19/59-07/13/82	19	0.	0.013	0.06	0.	0.	0.02	0.	0.	0.01	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	31	0.01	0.015	0.04	0.005	0.	0.009	0.005	0.01	0.02	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/77-09/24/86	21	0.01	0.012	0.03	0.	0.	0.009	0.005	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/75-04/22/94	21 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/25/77-04/22/94	10	1.45	1.94	5.	0.4	2.576	1.605	0.43	0.7	3.425	4.91
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	35	37.	37.314	49.	29.	31.634	5.624	30.6	32.	43.	45.4
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/59-11/22/85	30	4.5	5.333	13.	2.	8.368	2.893	2.1	3.	7.25	10.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	47	13.	13.085	17.	10.	3.08	1.755	11.	11.	15.	15.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	47	1.	1.113	2.1	0.7	0.09	0.3	0.8	0.9	1.3	1.5
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	47	1.9	1.883	2.9	1.3	0.148	0.385	1.4	1.5	2.1	2.5
00931p	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	34	0.1	0.126	0.2	0.1	0.002	0.045	0.1	0.1	0.2	0.2
00932p	SODIUM, PERCENT	10/19/59-11/22/85	34	10.	9.632	13.	0.5	3.899	1.974	8.5	9.	11.	11.5
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	47	0.2	0.218	0.8	0.	0.026	0.162	0.1	0.1	0.3	0.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	47	0.8	0.977	9.	0.2	1.612	1.27	0.5	0.6	0.9	1.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	47	8.	7.787	13.	1.	3.997	1.999	6.	6.	9.	10.2
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	47	0.1	0.078	0.2	0.	0.002	0.041	0.04	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	44	5.4	5.475	7.	3.8	0.738	0.859	4.3	4.825	6.3	6.7
01002	ARSENIC, TOTAL (UG/L AS AS)	04/14/75-04/22/94	18 ##	0.5	0.944	4.	0.	0.967	0.984	0.45	0.5	1.	3.1
01007	BARIUM, TOTAL (UG/L AS BA)	10/25/77-04/22/94	12 ##	50.	37.5	100.	0.	965.909	31.079	0.	0.	50.	85.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/14/75-04/22/94	18 ##	1.	4.306	20.	0.	33.798	5.814	0.	0.5	10.	11.
01034p	CHROMIUM, TOTAL (UG/L AS CR)	10/17/67-04/22/94	18 ##	0.25	3.139	10.	0.	20.494	4.527	0.	0.	10.	10.
01037	COBALT, TOTAL (UG/L AS CO)	04/14/75-07/13/82	15 ##	1.	20.333	50.	0.	628.917	25.078	0.	0.	50.	50.
01041	COPPER, SUSPENDED (UG/L AS CU)	04/14/75-07/13/82	15	4.	4.967	21.	1.	25.445	5.044	1.6	2.	7.	13.8
01042	COPPER, TOTAL (UG/L AS CU)	04/14/75-04/22/94	18	6.	6.917	21.	0.5	24.066	4.906	0.95	3.5	10.	11.1
01045p	IRON, TOTAL (UG/L AS FE)	10/19/59-04/22/94	28	115.	202.857	960.	20.	46858.201	216.468	39.	80.	275.	564.
01050	LEAD, SUSPENDED (UG/L AS PB)	04/14/75-07/13/82	14	26.5	30.071	97.	0.	953.764	30.883	0.	1.	48.75	81.5
01051	LEAD, TOTAL (UG/L AS PB)	04/14/75-04/22/94	18 ##	8.	39.389	100.	0.5	2161.134	46.488	0.5	0.875	100.	100.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	04/14/75-07/13/82	14	10.	22.	210.	0.	2955.846	54.368	0.	3.25	10.	115.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/14/75-04/22/94	18	10.	27.722	210.	4.	2400.448	48.994	4.9	5.	20.	93.
01077	SILVER, TOTAL (UG/L AS AG)	10/25/77-04/22/94	12 ##	0.5	0.625	3.	0.	0.869	0.932	0.	0.	0.5	2.7
01091	ZINC, SUSPENDED (UG/L ZN)	04/14/75-07/13/82	14	3.5	7.857	40.	0.	134.286	11.588	0.	0.	12.5	30.
01092	ZINC, TOTAL (UG/L AS ZN)	04/14/75-04/22/94	18	10.	15.833	50.	0.	227.206	15.073	0.	5.	22.5	50.
01147	SELENIUM, TOTAL (UG/L AS SE)	04/14/75-04/22/94	18 ##	0.5	0.444	1.	0.	0.056	0.236	0.	0.5	0.5	0.55
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	25	1.	1.52	6.	0.5	1.927	1.388	0.5	0.5	2.5	3.4
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	25	0.	0.047	0.778	-0.301	0.11	0.332	-0.301	-0.301	0.389	0.527
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.115								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	23	1.	6.761	44.	0.5	112.406	10.602	0.5	1.	14.	20.8
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	23	0.	0.361	1.643	-0.301	0.41	0.64	-0.301	0.	1.146	1.317
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.297								
60050	ALGAE, TOTAL (CELLS/ML)	11/21/74-09/09/81	14	150.	209.714	610.	12.	37043.758	192.468	36.	64.75	300.	595.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	44	49.	50.045	66.	30.	76.742	8.76	38.5	43.25	58.75	62.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	24	47.	49.375	64.	39.	59.375	7.706	40.5	42.5	57.75	62.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	32	192.	198.506	368.	81.2	4831.001	69.505	122.8	142.5	250.	314.1
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	34	0.07	0.068	0.09	0.04	0.	0.011	0.055	0.06	0.08	0.08
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/21/74-03/09/83	16	84.5	83.813	98.	63.	98.029	9.901	65.8	78.5	90.75	97.3
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/17/79-01/08/86	8	0.08	0.069	0.14	0.	0.003	0.052	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/19/59-07/07/81	14	0.	0.071	0.3	0.	0.011	0.107	0.	0.	0.1	0.3

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-01/08/86	13	0.06	0.062	0.12	0.	0.001	0.033	0.012	0.03	0.09	0.108
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	21	0.4	1.176	5.2	0.1	1.803	1.343	0.22	0.4	1.6	3.38
71900	MERCURY, TOTAL (UG/L AS HG)	04/14/75-04/22/94	18 ##	0.1	0.153	0.4	0.	0.012	0.11	0.045	0.05	0.25	0.265
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	30	3.5	4.467	20.	1.	16.809	4.1	2.	2.	5.	7.9
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/21/74-09/09/81	20	10.15	19.475	112.	2.7	593.78	24.368	3.32	5.55	26.5	37.4

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-04/22/94	18	12.65	12.4	15.5	7.1	3.675	1.917	10.25	10.975	13.8	14.51
00025	BAROMETRIC PRESSURE (MM OF HG)	11/29/82-04/22/94	4	758.	756.	769.	739.	158.	12.57	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-06/12/70	2	773.5	773.5	786.	761.	312.5	17.678	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/21/74-09/24/86	16	571.	617.5	1000.	372.	40122.267	200.305	405.6	448.75	722.	994.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/19/78-04/22/94	11	1.2	1.718	5.4	0.6	2.292	1.514	0.6	0.7	1.7	5.08
00080	COLOR (PLATINUM-COBALT UNITS)	10/19/59-06/12/70	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/19/59-04/22/94	18	86.5	86.444	110.	62.	137.791	11.738	64.7	81.	93.5	102.8
00300p	OXYGEN, DISSOLVED MG/L	10/19/59-04/22/94	13	10.2	10.431	11.4	9.8	0.237	0.487	9.88	10.05	10.7	11.32
00400p	PH (STANDARD UNITS)	10/19/59-04/22/94	18	7.55	7.511	8.1	7.	0.122	0.35	7.09	7.2	7.825	8.01
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-04/22/94	18	7.547	7.393	8.1	7.	0.137	0.37	7.09	7.2	7.825	8.01
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-04/22/94	18	0.028	0.04	0.1	0.008	0.001	0.028	0.01	0.015	0.063	0.081
00403	PH, LAB, STANDARD UNITS SU	10/10/80-04/22/94	7	7.9	7.957	8.3	7.7	0.05	0.223	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/80-04/22/94	7	7.9	7.913	8.3	7.7	0.052	0.228	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/80-04/22/94	7	0.013	0.012	0.02	0.005	0.	0.005	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-09/24/86	14	30.5	32.357	44.	26.	37.016	6.084	26.	26.75	35.5	43.5
00440	BICARBONATE ION (MG/L AS HCO3)	10/19/59-06/03/80	7	38.	37.857	42.	32.	11.143	3.338	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/19/59-04/18/78	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/21/74-09/09/81	11	0.16	0.217	0.55	0.02	0.028	0.167	0.02	0.1	0.29	0.53
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/14/75-01/08/86	11	0.12	0.157	0.42	0.	0.016	0.126	0.002	0.04	0.24	0.388
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/14/75-09/24/86	12	0.025	0.033	0.12	0.005	0.001	0.035	0.005	0.006	0.045	0.108
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/21/74-09/24/86	16	0.175	0.219	0.8	0.02	0.038	0.195	0.02	0.1	0.27	0.555
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/21/74-09/09/81	11	0.05	0.048	0.17	0.01	0.002	0.044	0.01	0.02	0.05	0.146
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-04/22/94	9 ##	0.05	0.051	0.1	0.02	0.	0.021	0.02	0.045	0.05	0.1
00660p	PHOSPHATE, ORTHO (MG/L AS PO4)	10/19/59-07/13/82	6	0.	0.002	0.01	0.	0.	0.004	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/21/74-09/24/86	16	0.01	0.014	0.04	0.005	0.	0.01	0.005	0.01	0.018	0.033
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/77-09/24/86	11	0.01	0.013	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.036
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/75-04/22/94	10 ##	0.005	0.013	0.04	0.005	0.	0.013	0.005	0.005	0.023	0.039
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-11/22/85	14	40.	39.071	52.	31.	24.071	4.906	32.	36.75	40.5	47.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/19/59-11/22/85	11	6.	8.727	21.	4.	29.218	5.405	4.	5.	13.	19.6
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/19/59-04/22/94	19	14.	14.053	19.	12.	2.719	1.649	12.	13.	15.	16.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/19/59-04/22/94	19	1.1	1.058	1.3	0.3	0.049	0.222	0.8	1.1	1.2	1.2
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/19/59-04/22/94	19	2.1	2.158	3.	1.8	0.113	0.336	1.8	1.9	2.3	2.9
00931p	SODIUM ADSORPTION RATIO	10/19/59-11/22/85	14	0.1	0.143	0.2	0.1	0.003	0.051	0.1	0.1	0.2	0.2
00932p	SODIUM, PERCENT	10/19/59-11/22/85	14	10.	10.464	17.	0.5	13.326	3.65	4.75	9.	12.25	15.5
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/19/59-04/22/94	19	0.2	0.189	0.4	0.1	0.01	0.099	0.1	0.1	0.2	0.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-04/22/94	19	1.	1.179	3.	0.5	0.574	0.758	0.5	0.7	1.	3.
00945p	SULFATE, TOTAL (MG/L AS SO4)	10/19/59-04/22/94	19	8.	8.421	11.	5.	2.591	1.61	6.	8.	9.	11.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	10/19/59-04/22/94	19	0.1	0.089	0.2	0.05	0.001	0.036	0.05	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/19/59-09/24/86	19	5.3	5.137	6.	2.2	0.671	0.819	4.4	5.1	5.6	5.7
01034p	CHROMIUM, TOTAL (UG/L AS CR)	10/17/67-04/22/94	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045p	IRON, TOTAL (UG/L AS FE)	10/19/59-04/22/94	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	12	2.	2.667	7.	0.5	4.561	2.136	0.5	1.	4.75	6.4
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/01/77-04/22/94	12	0.301	0.277	0.845	-0.301	0.157	0.396	-0.301	0.	0.675	0.801
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.892								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	10	15.	16.8	41.	0.5	177.011	13.305	0.5	6.125	29.	40.1
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/01/77-09/24/86	10	1.175	0.949	1.613	-0.301	0.48	0.693	-0.301	0.602	1.462	1.602

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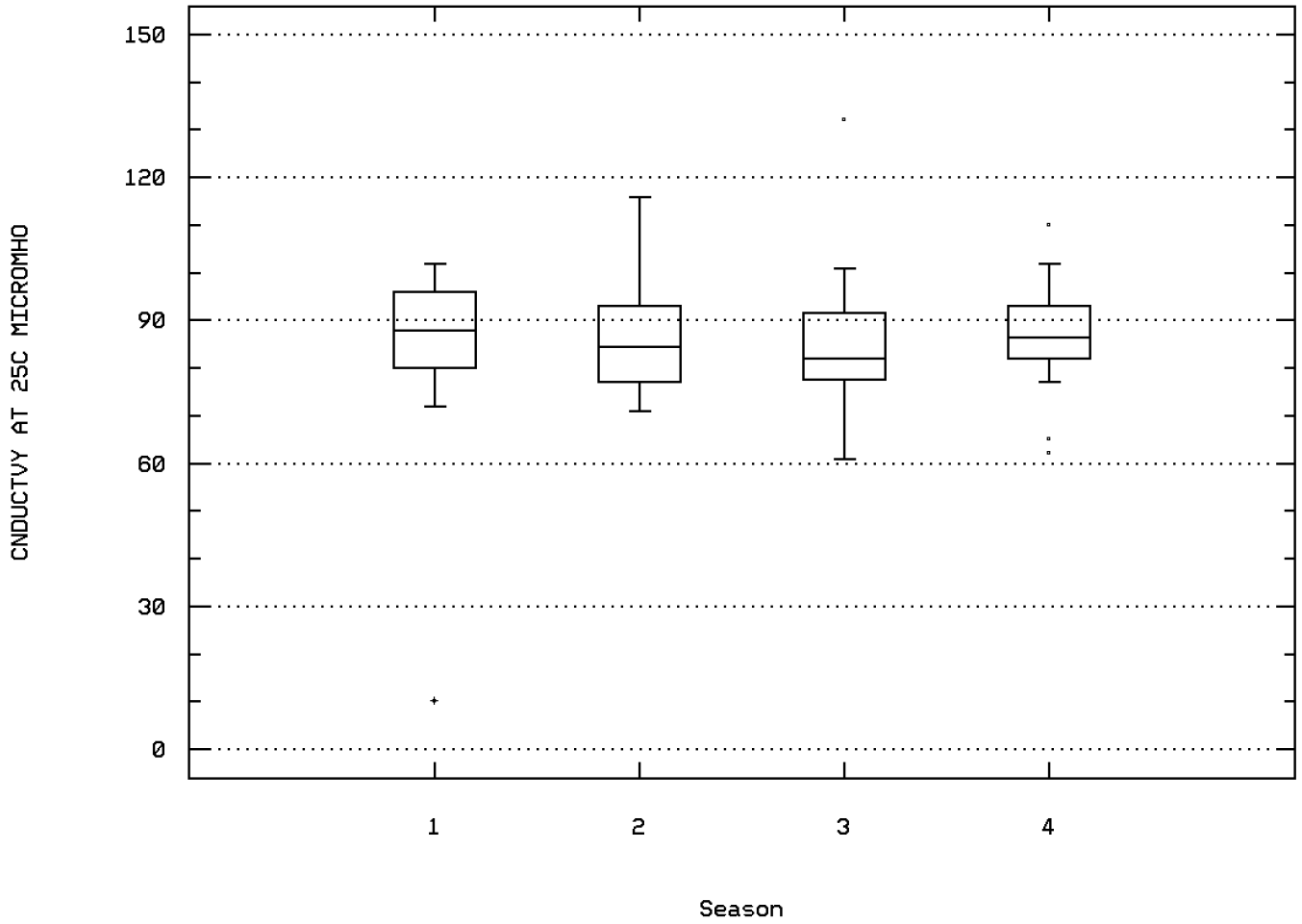
Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			8.888								
60050	ALGAE, TOTAL (CELLS/ML)	11/21/74-09/09/81	11	70.	113.909	300.	14.	10999.491	104.878	15.4	38.	190.	300.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/19/59-09/24/86	18	53.5	53.5	68.	46.	22.971	4.793	47.8	50.	56.	59.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/03/69-11/22/85	13	52.	51.769	58.	45.	15.692	3.961	45.4	48.5	55.	57.2
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/19/59-09/09/81	13	103.	97.808	139.	65.8	559.799	23.66	66.84	78.95	120.	133.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/19/59-03/09/83	14	0.07	0.075	0.12	0.06	0.	0.014	0.065	0.07	0.08	0.1
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/21/74-03/09/83	8	86.5	85.625	100.	64.	120.554	10.98	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/17/79-01/08/86	4	0.11	0.1	0.17	0.01	0.005	0.068	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/19/59-07/07/81	3	0.2	0.2	0.3	0.1	0.01	0.1	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-01/08/86	7	0.06	0.064	0.12	0.03	0.001	0.036	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/21/74-09/09/81	11	0.7	0.964	2.4	0.1	0.541	0.735	0.1	0.4	1.3	2.32
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/21/74-09/24/86	16	2.	3.	12.	1.	8.667	2.944	1.	1.	3.	9.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	11/21/74-09/09/81	11	4.4	6.436	21.	1.3	46.697	6.833	1.42	2.3	4.9	20.6

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Station: OLYM0165 Parameter Code: 00095

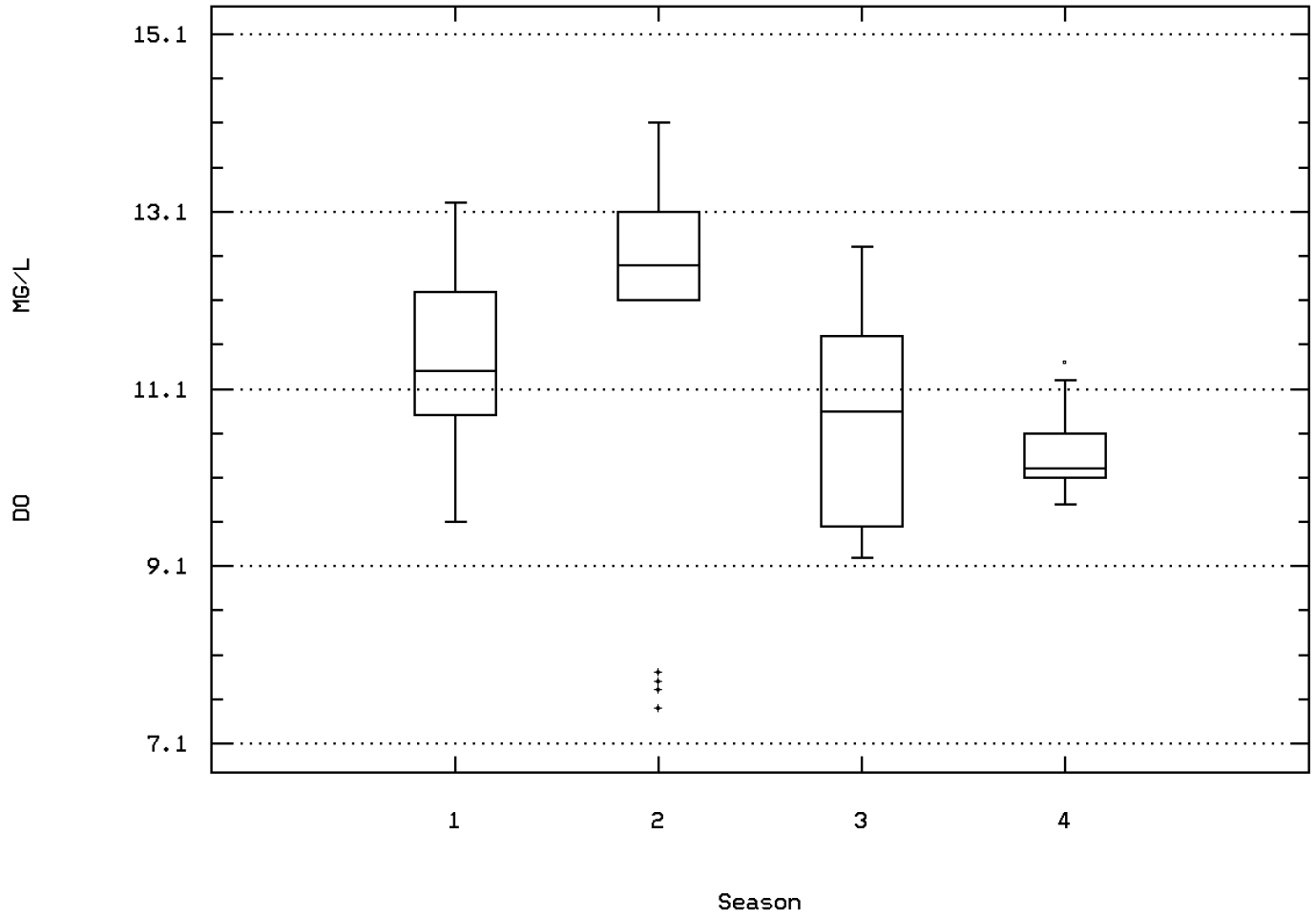
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



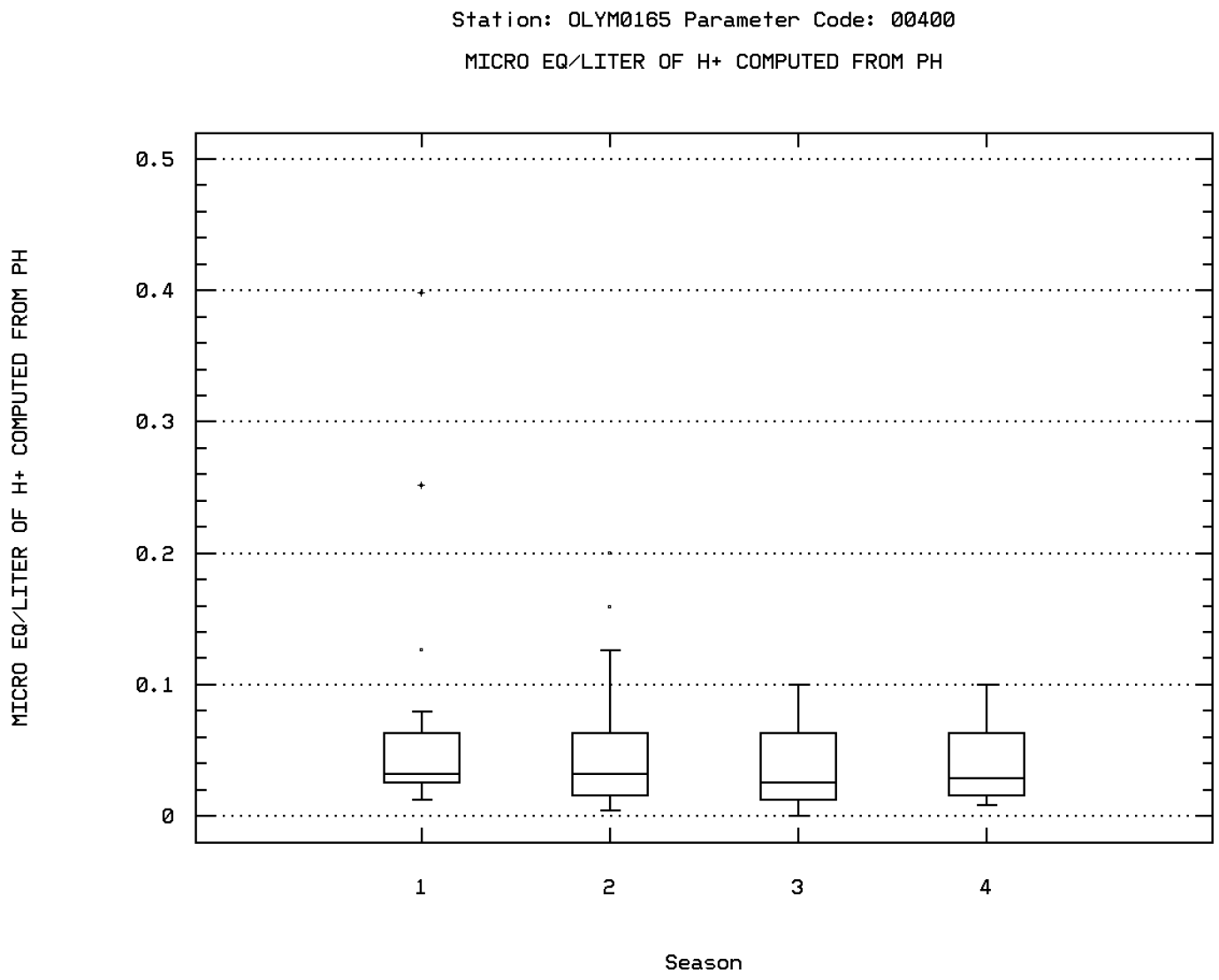
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00300

OXYGEN, DISSOLVED



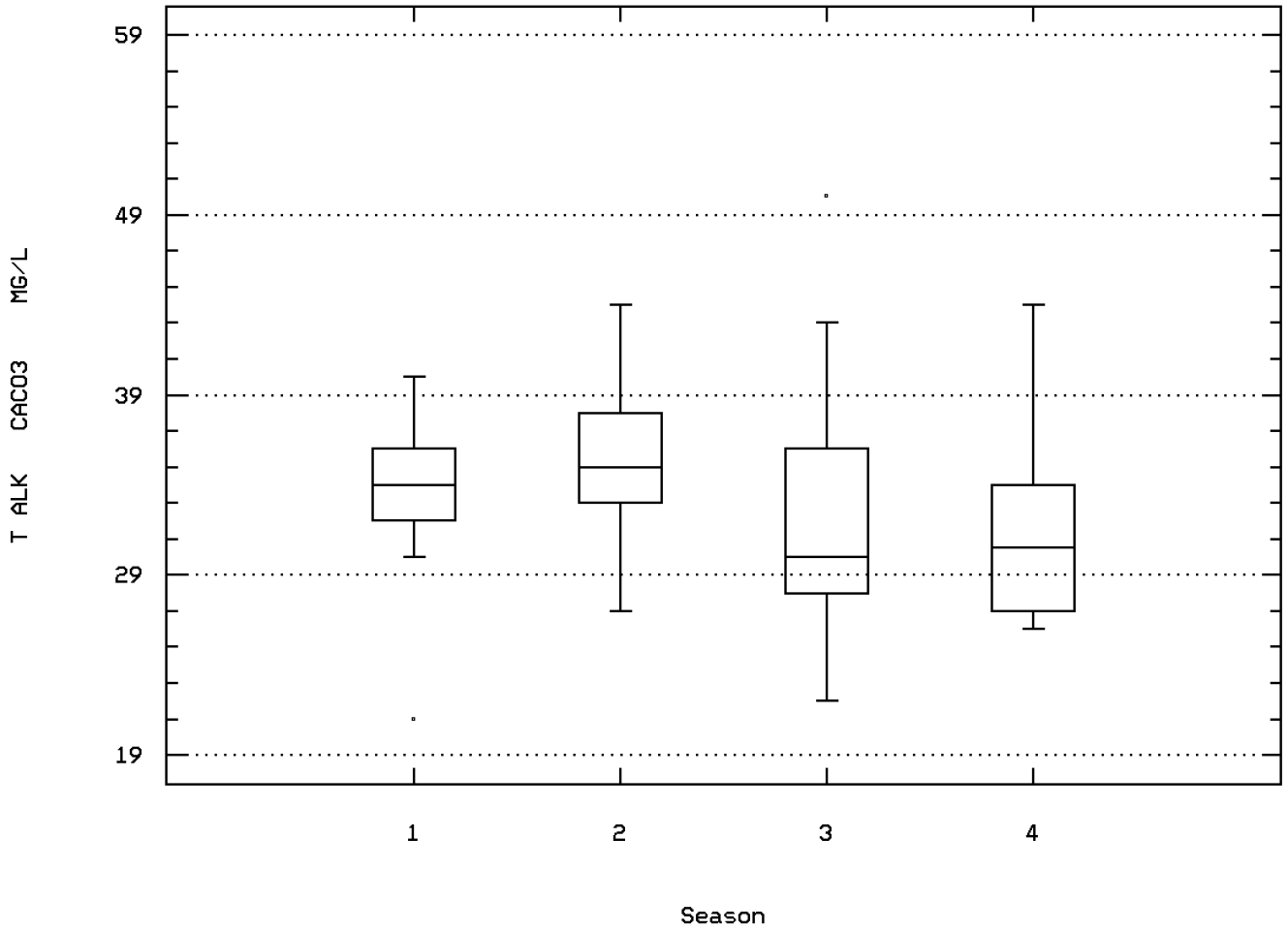
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00410

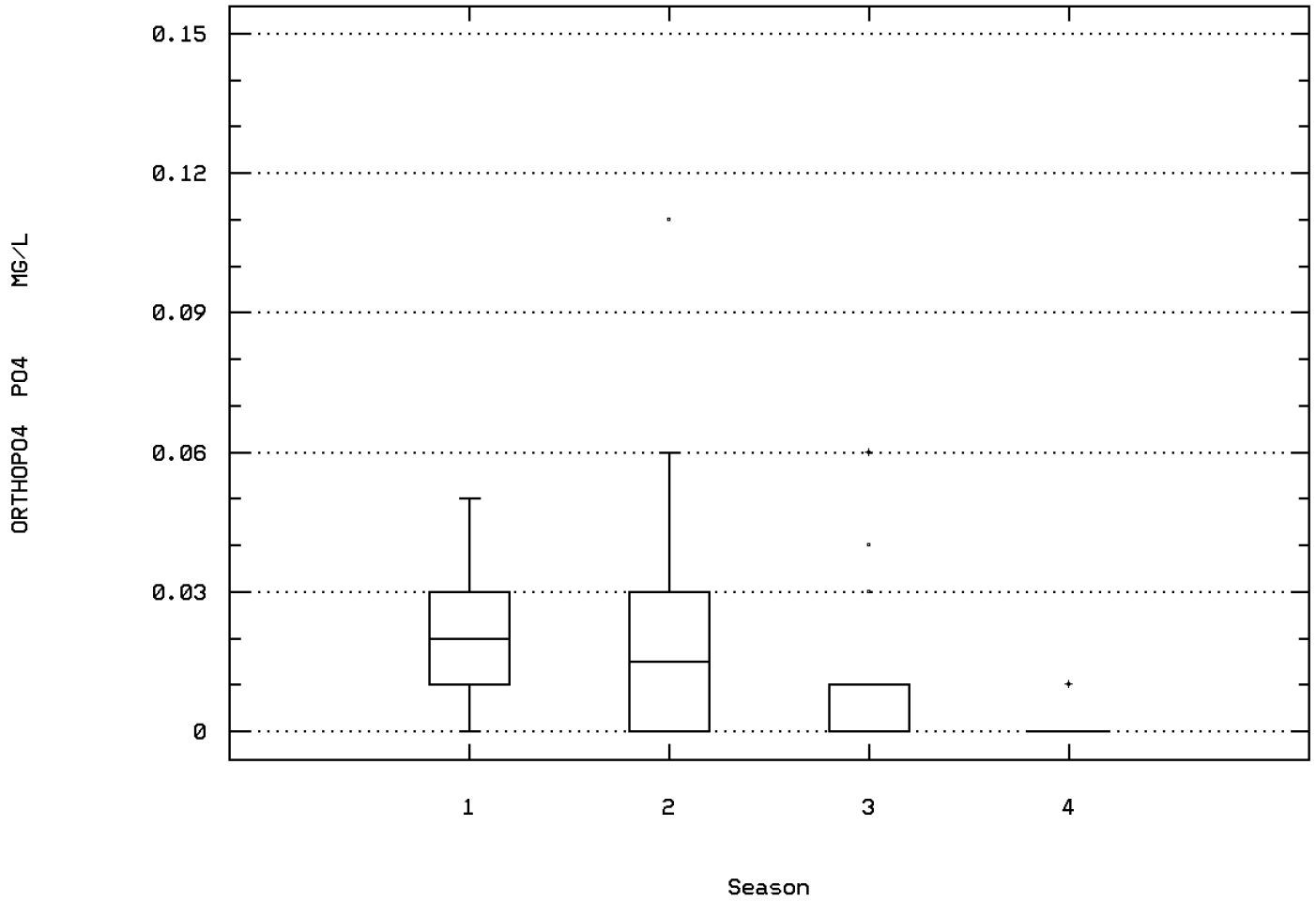
ALKALINITY, TOTAL (MG/L AS CACO3)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00660

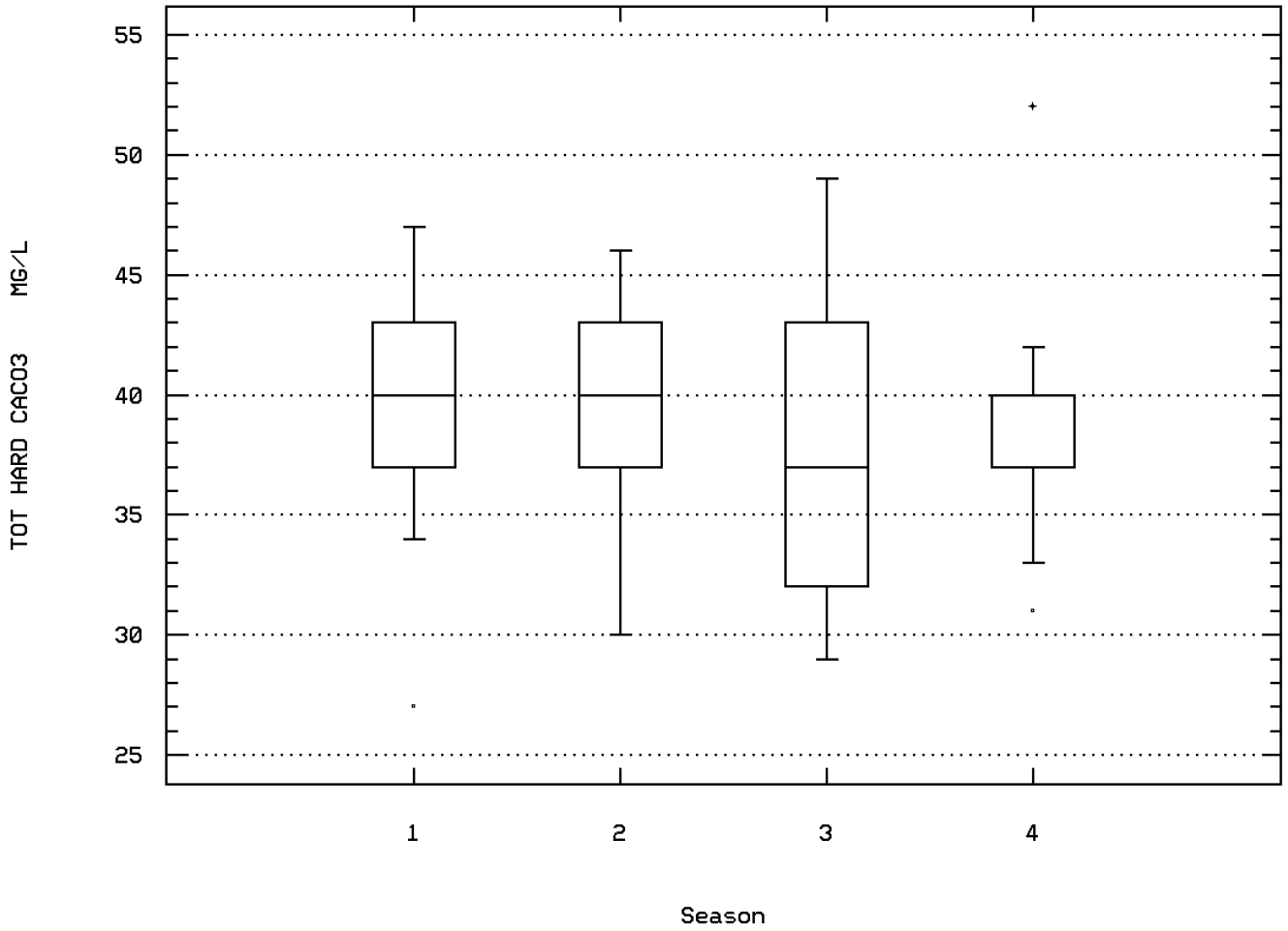
PHOSPHATE, ORTHO (MG/L AS PO4)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00900

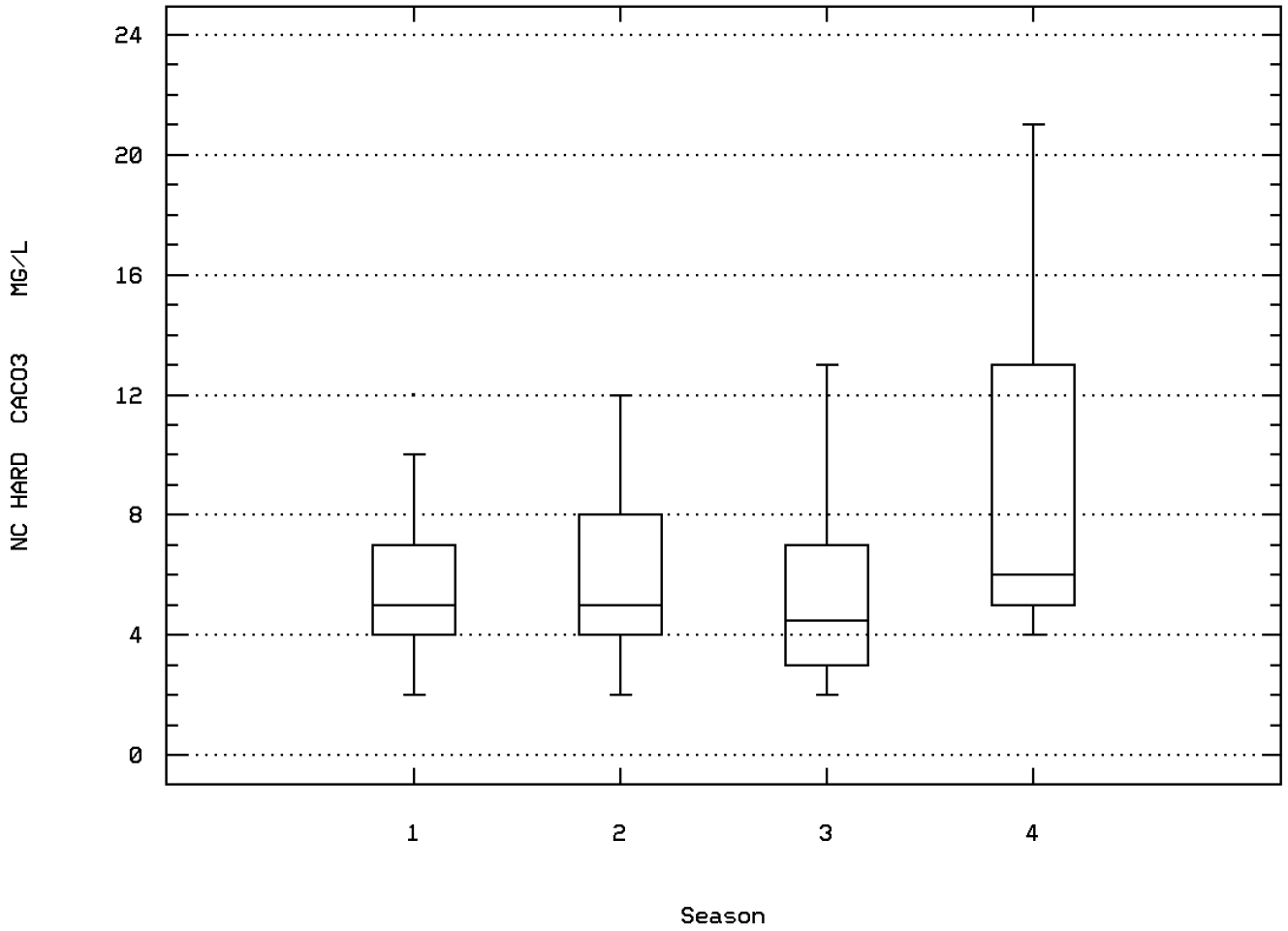
HARDNESS, TOTAL (MG/L AS CACO3)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00902

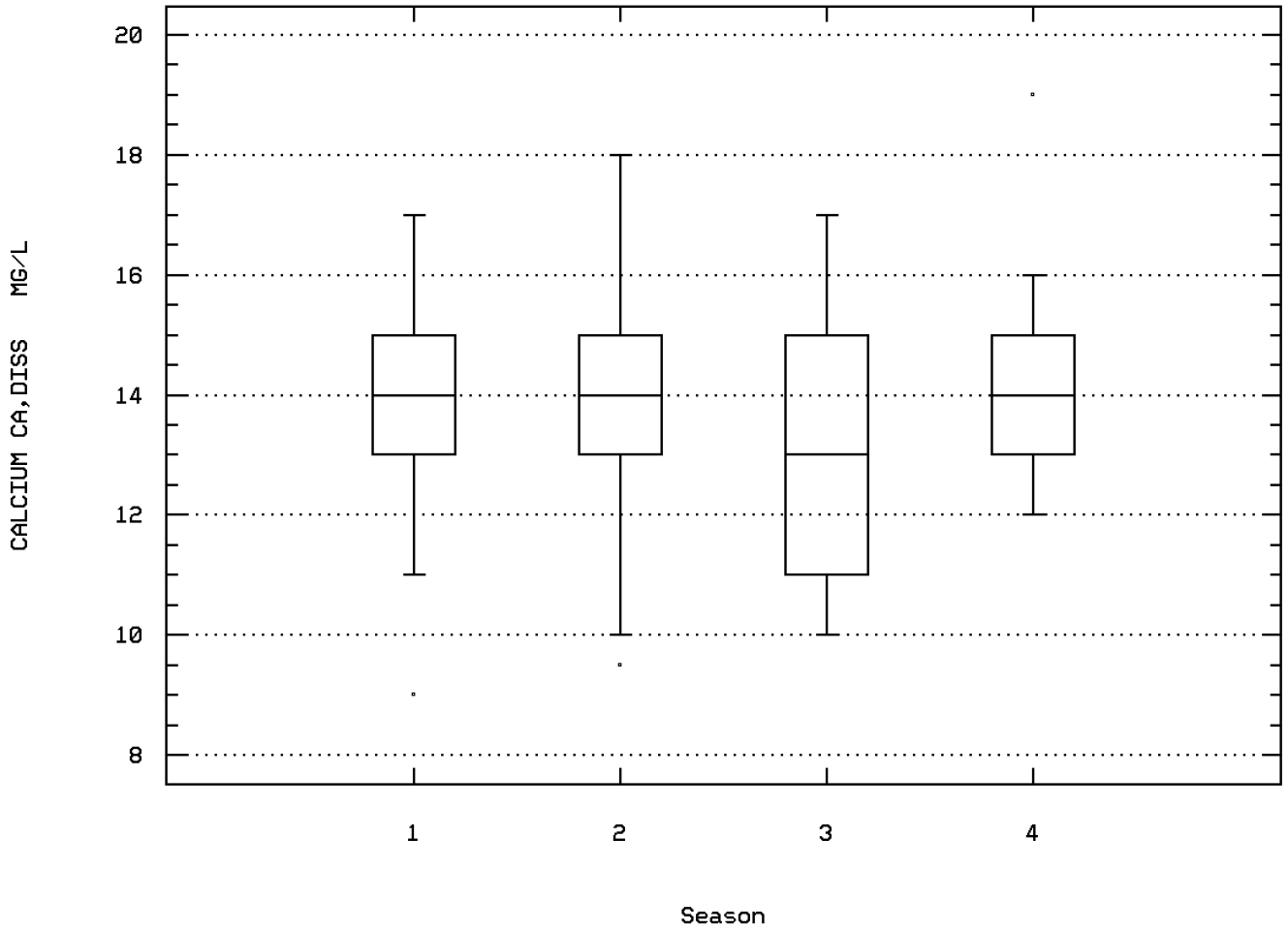
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00915

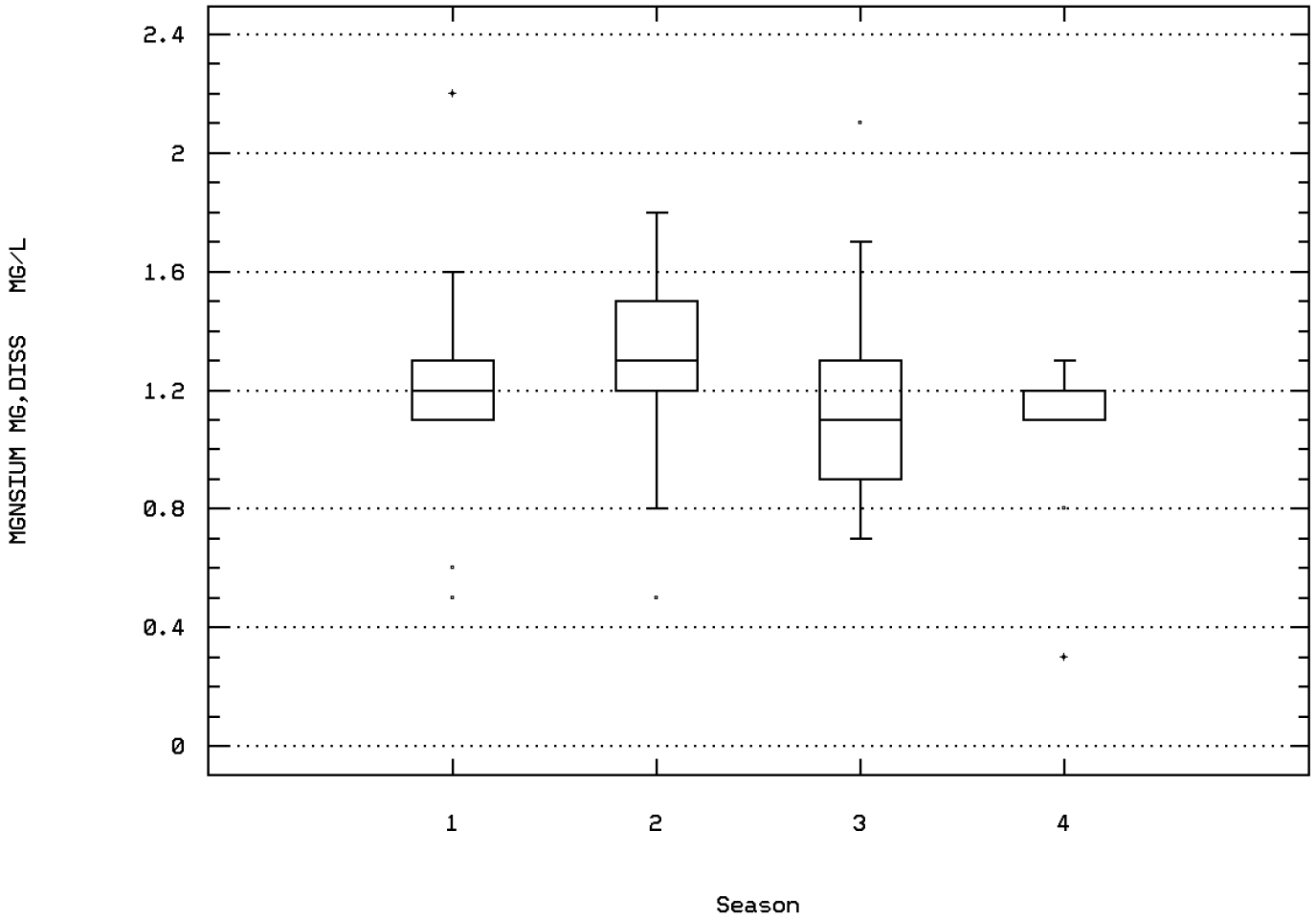
CALCIUM, DISSOLVED (MG/L AS CA)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00925

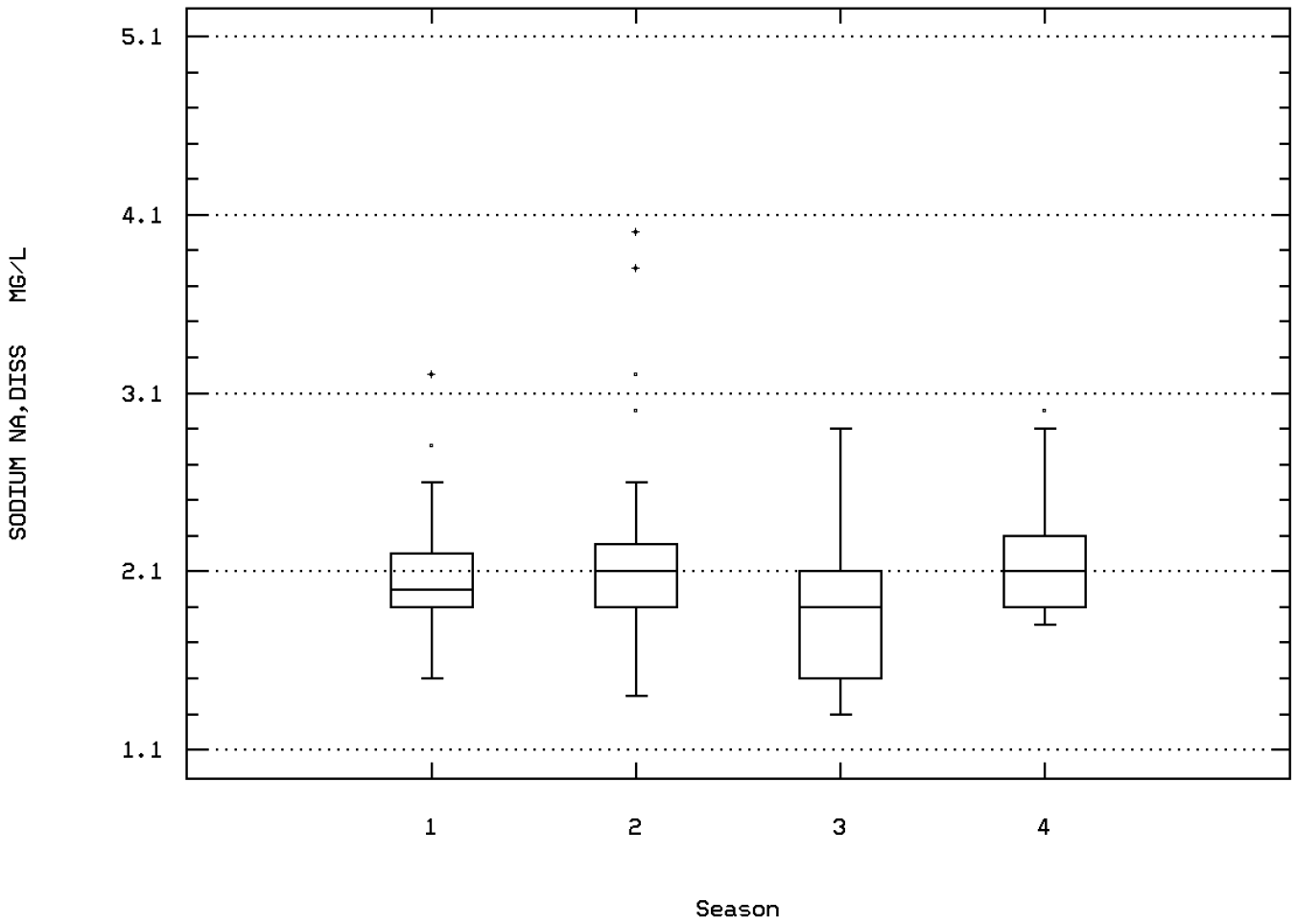
MAGNESIUM, DISSOLVED (MG/L AS MG)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00930

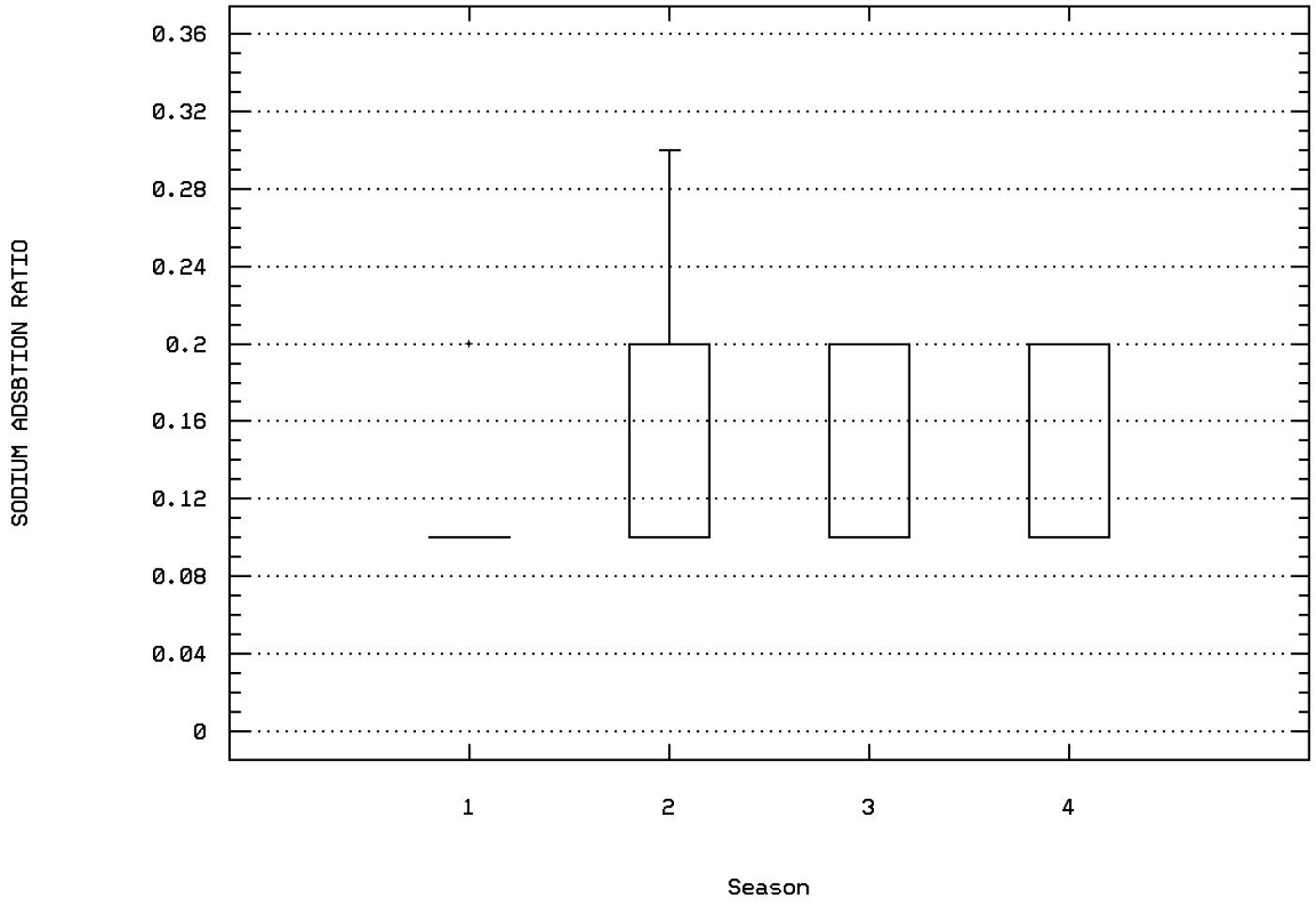
SODIUM, DISSOLVED (MG/L AS NA)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00931

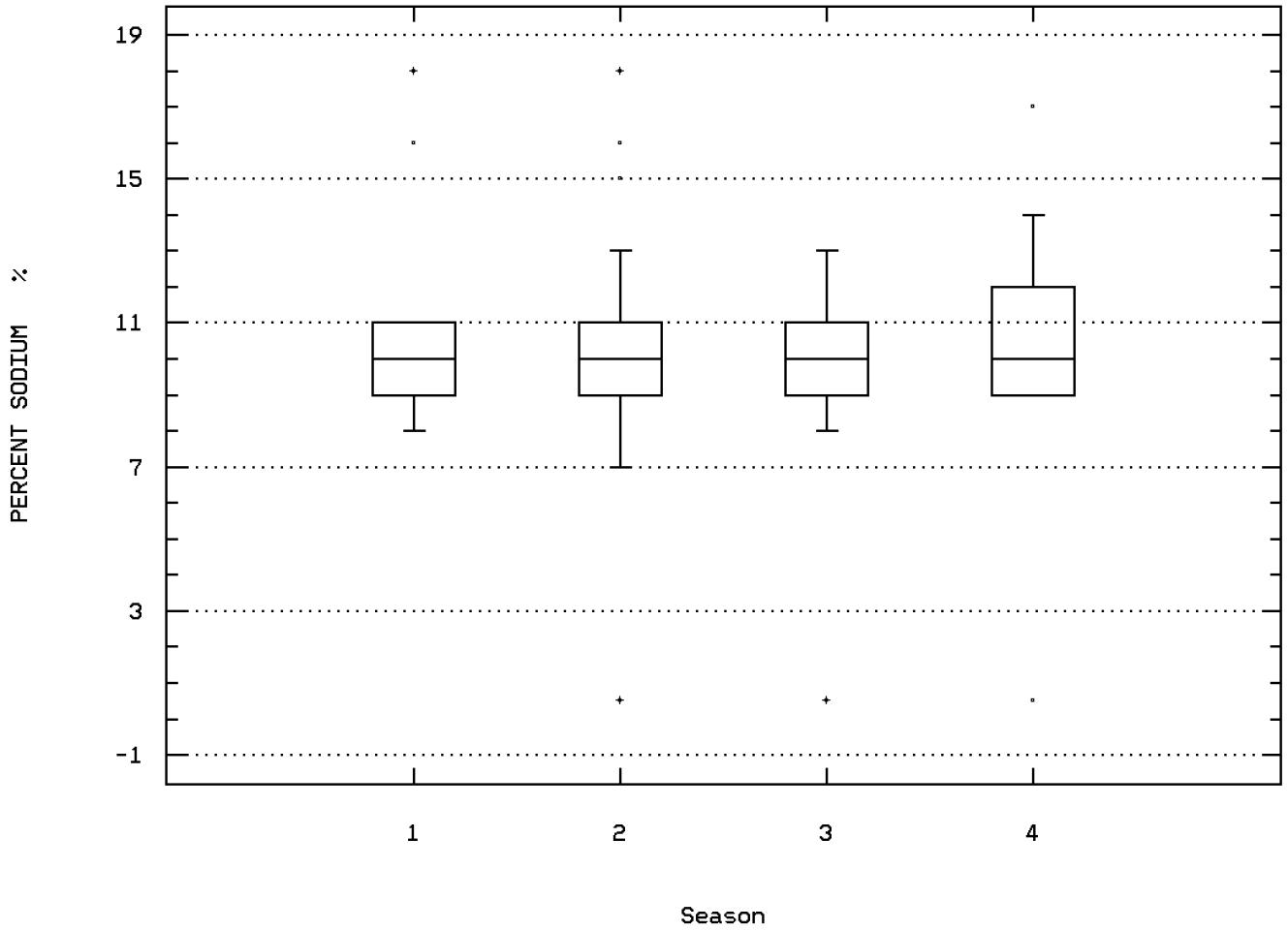
SODIUM ADSORPTION RATIO



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00932

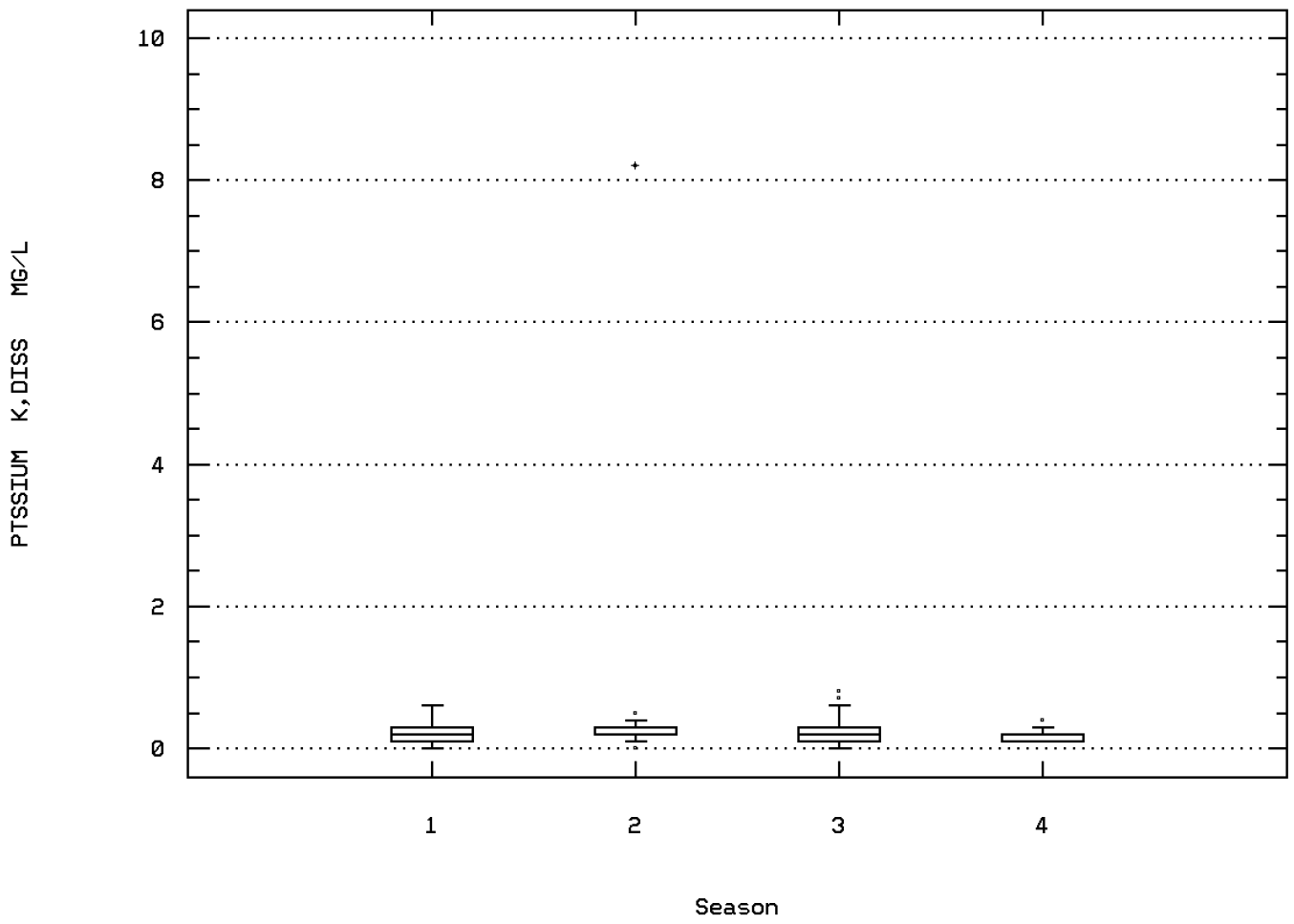
SODIUM, PERCENT



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00935

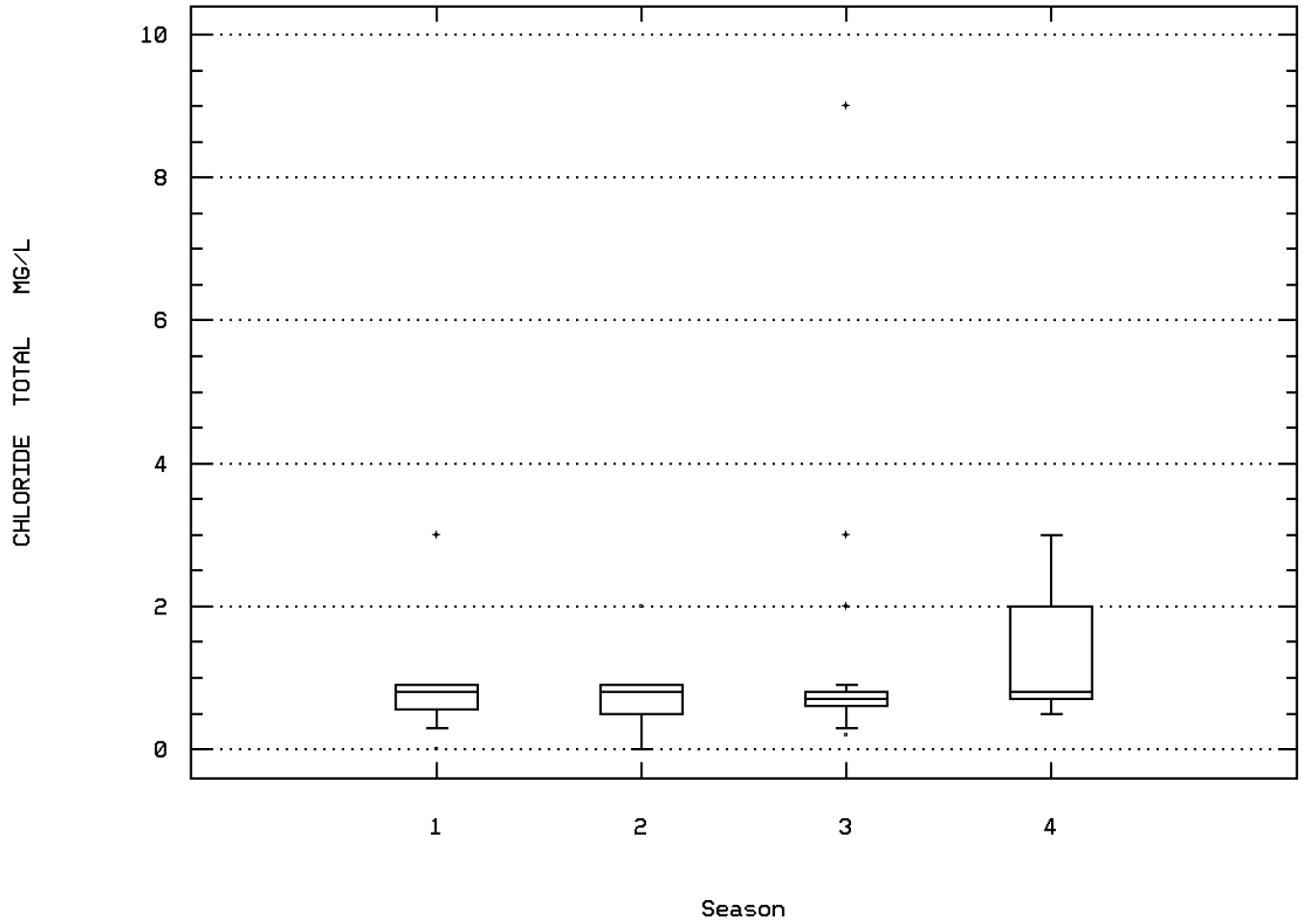
POTASSIUM, DISSOLVED (MG/L AS K)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00940

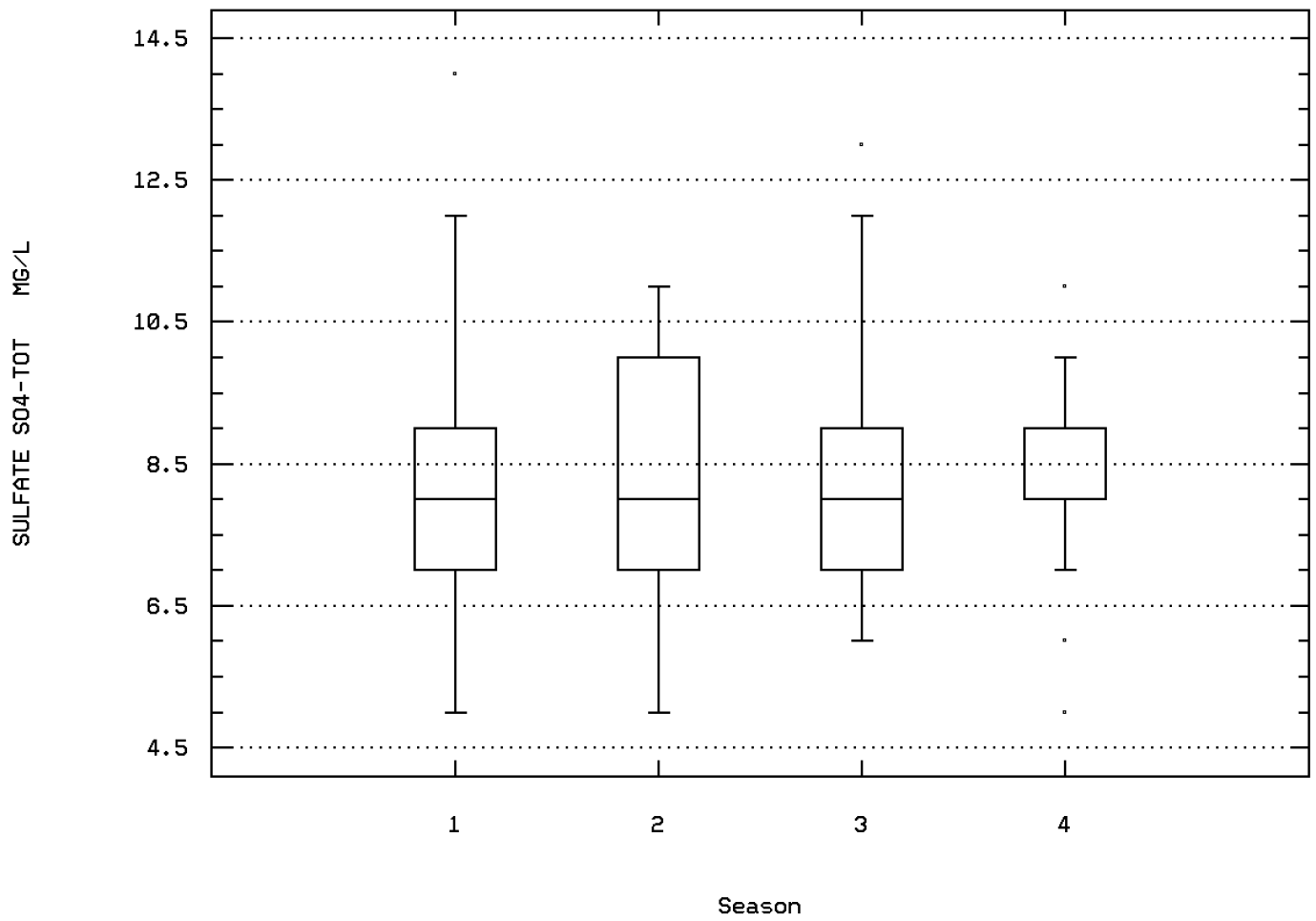
CHLORIDE,TOTAL IN WATER



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00945

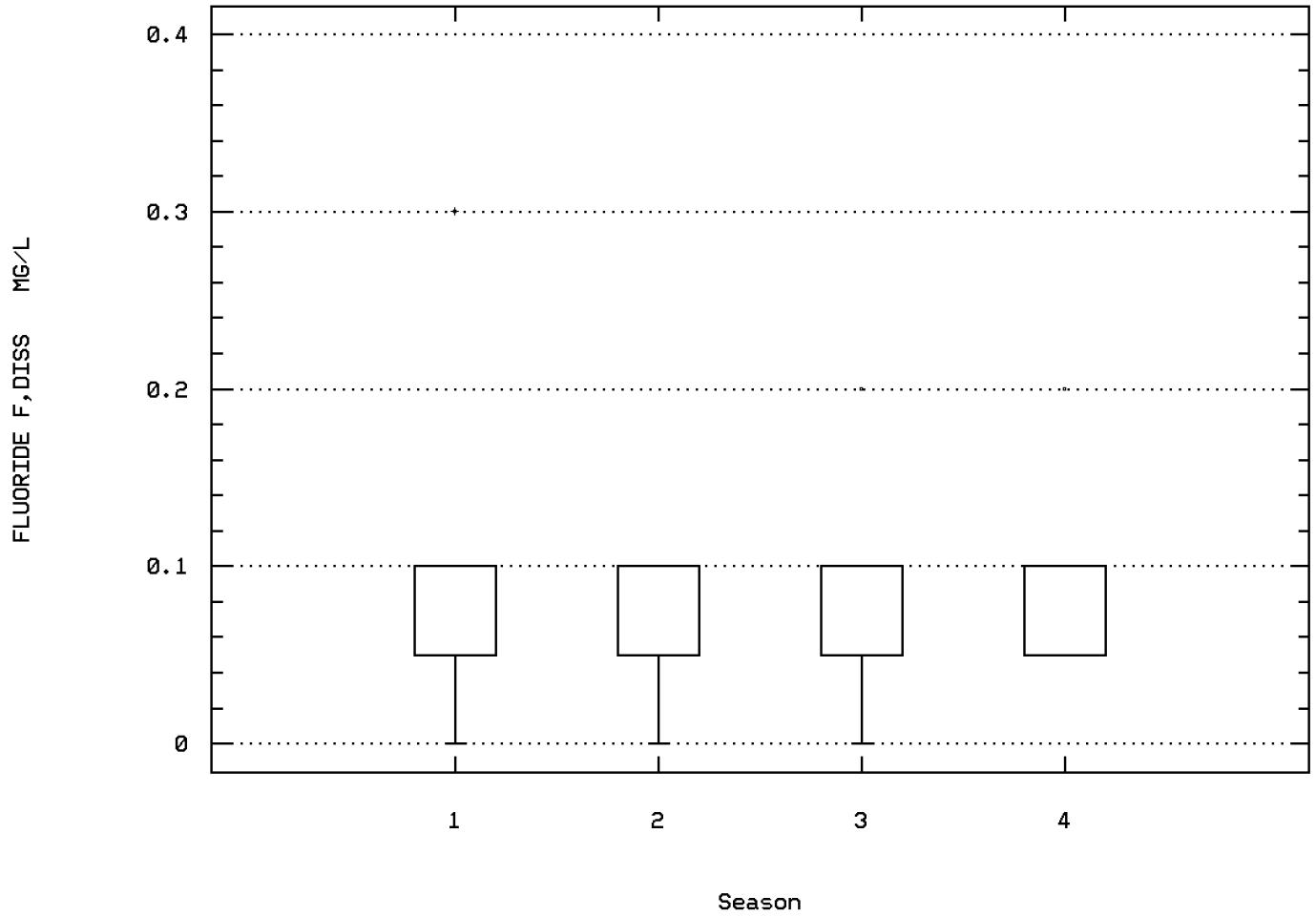
SULFATE, TOTAL (MG/L AS SO4)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00950

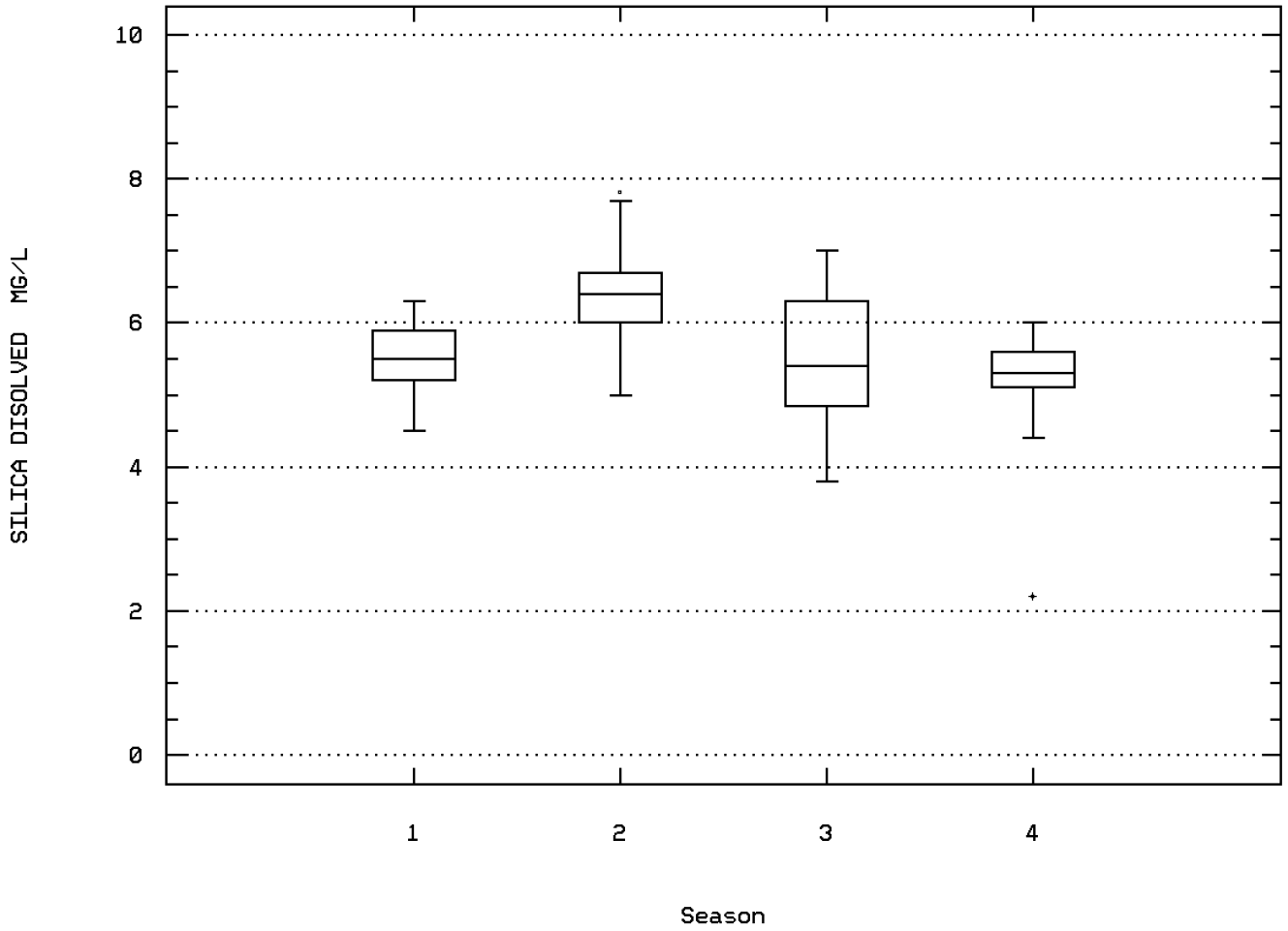
FLUORIDE, DISSOLVED (MG/L AS F)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 00955

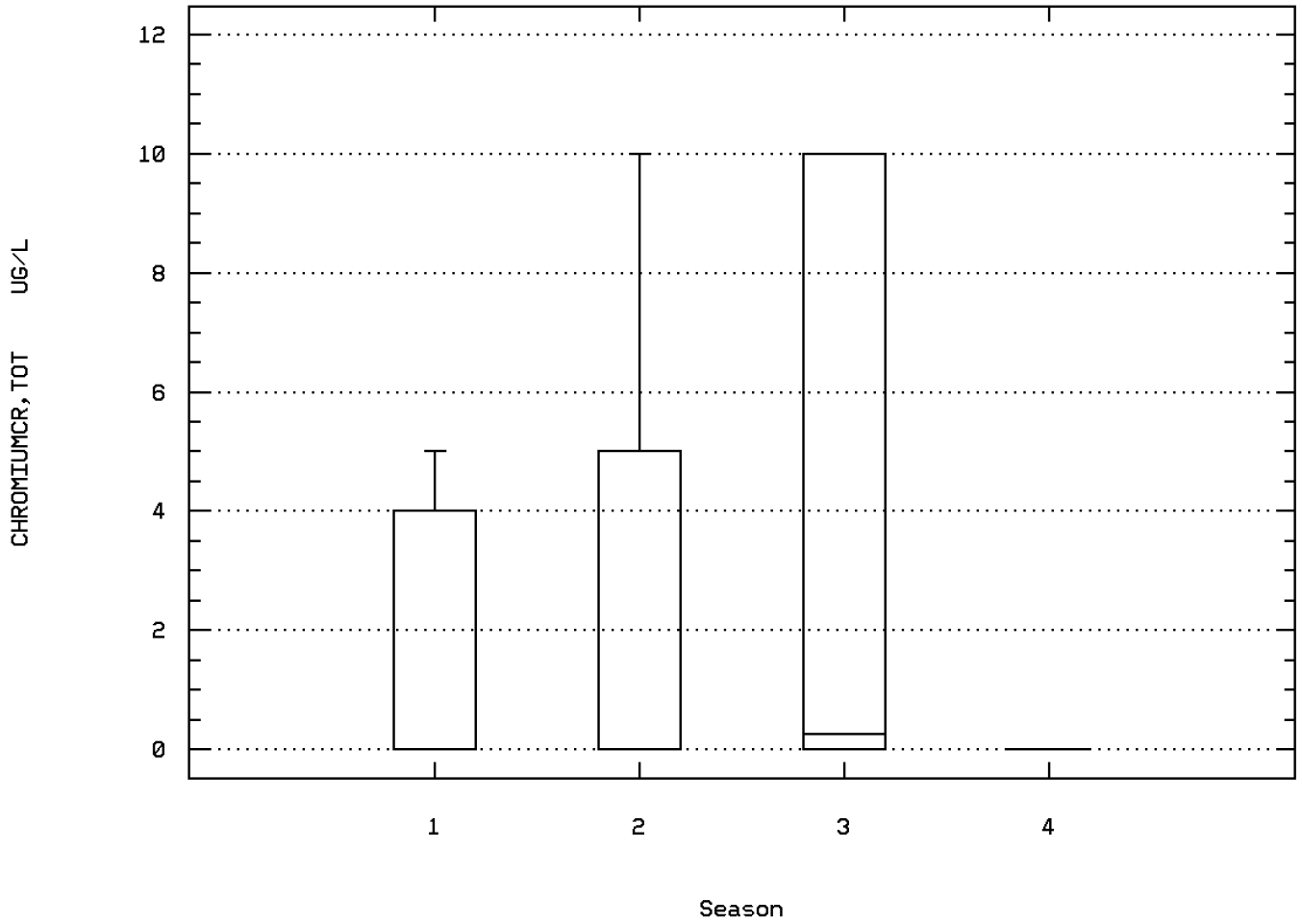
SILICA, DISSOLVED (MG/L AS SI02)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 01034

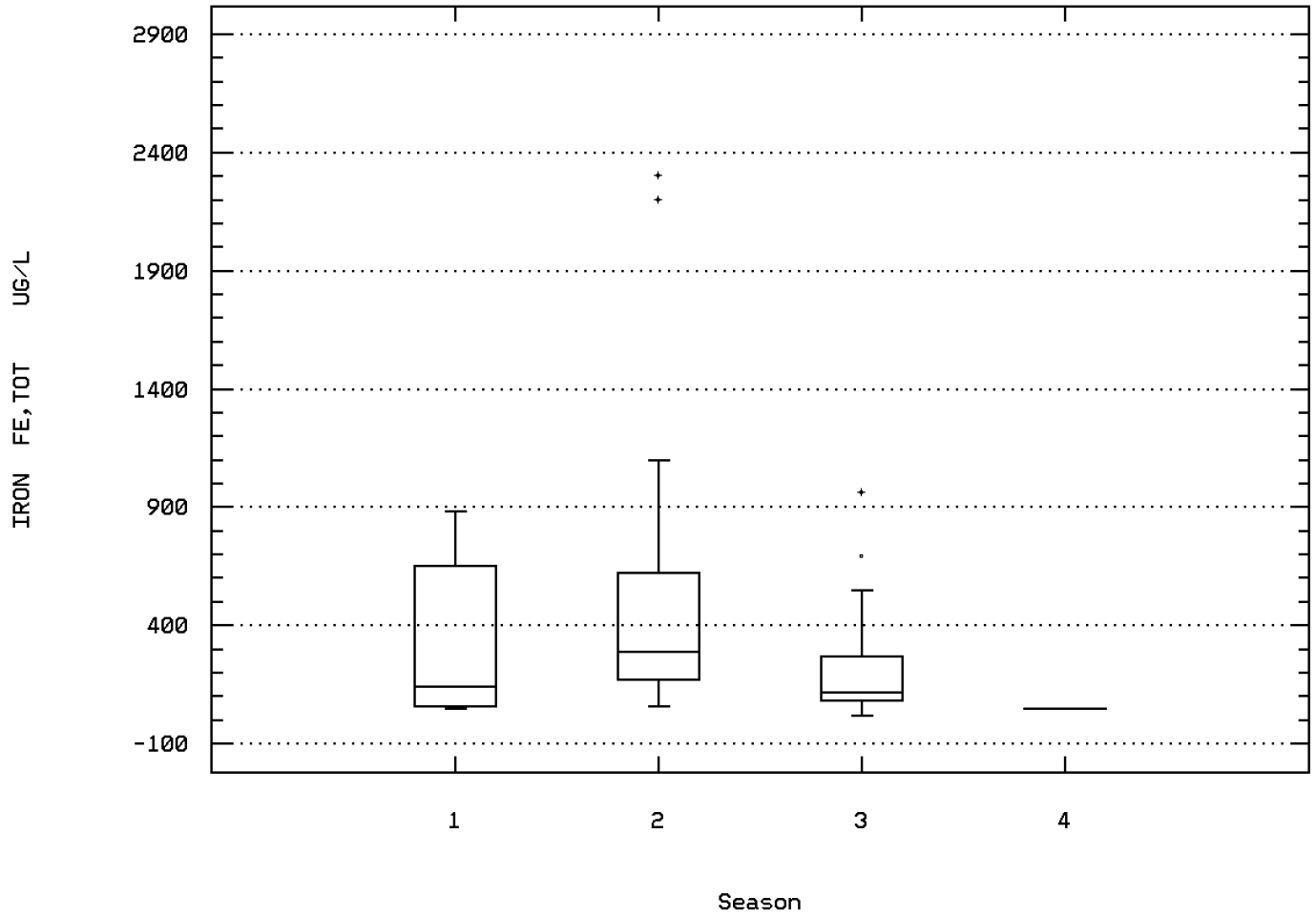
CHROMIUM, TOTAL (UG/L AS CR)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 01045

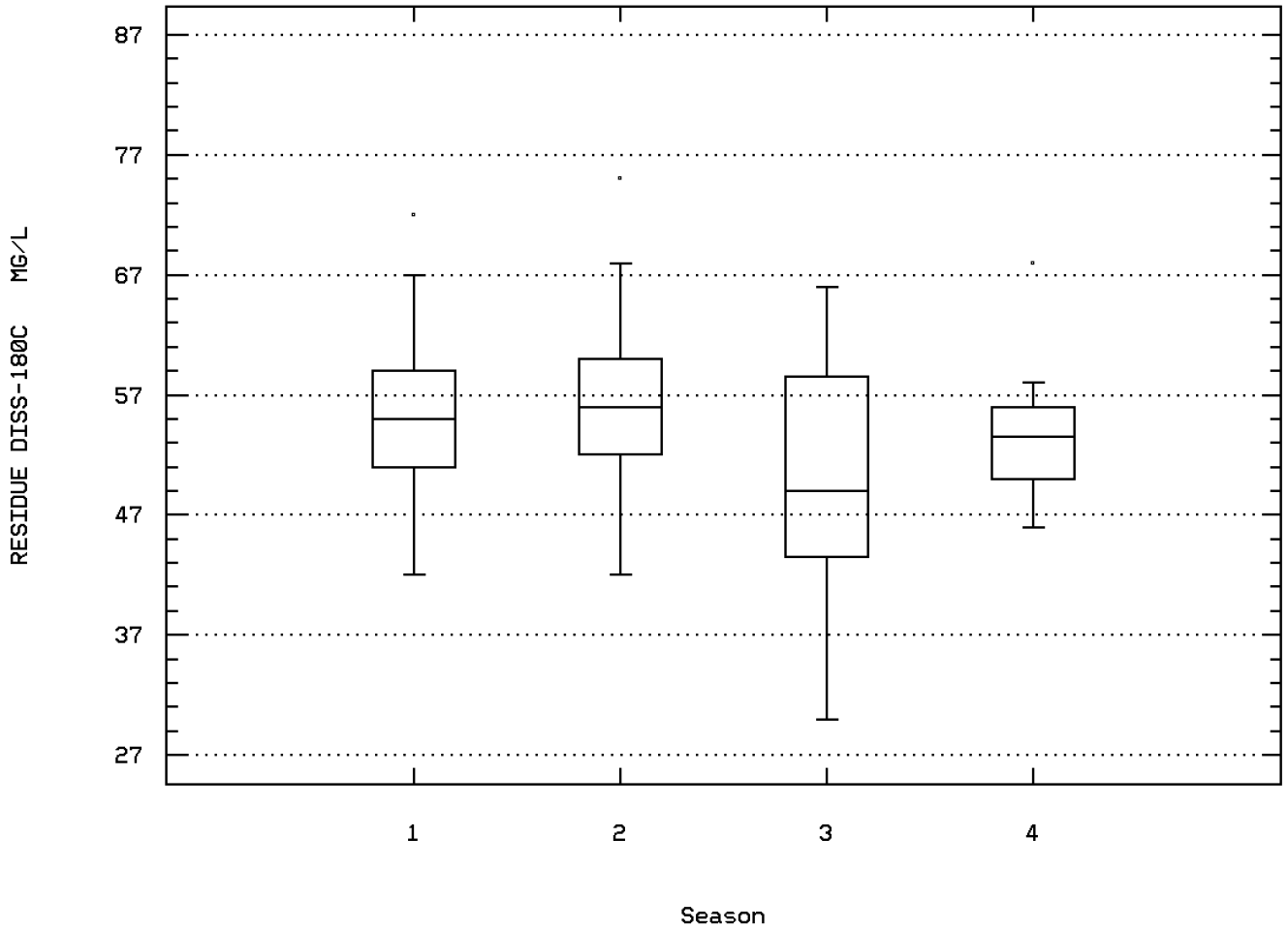
IRON, TOTAL (UG/L AS FE)



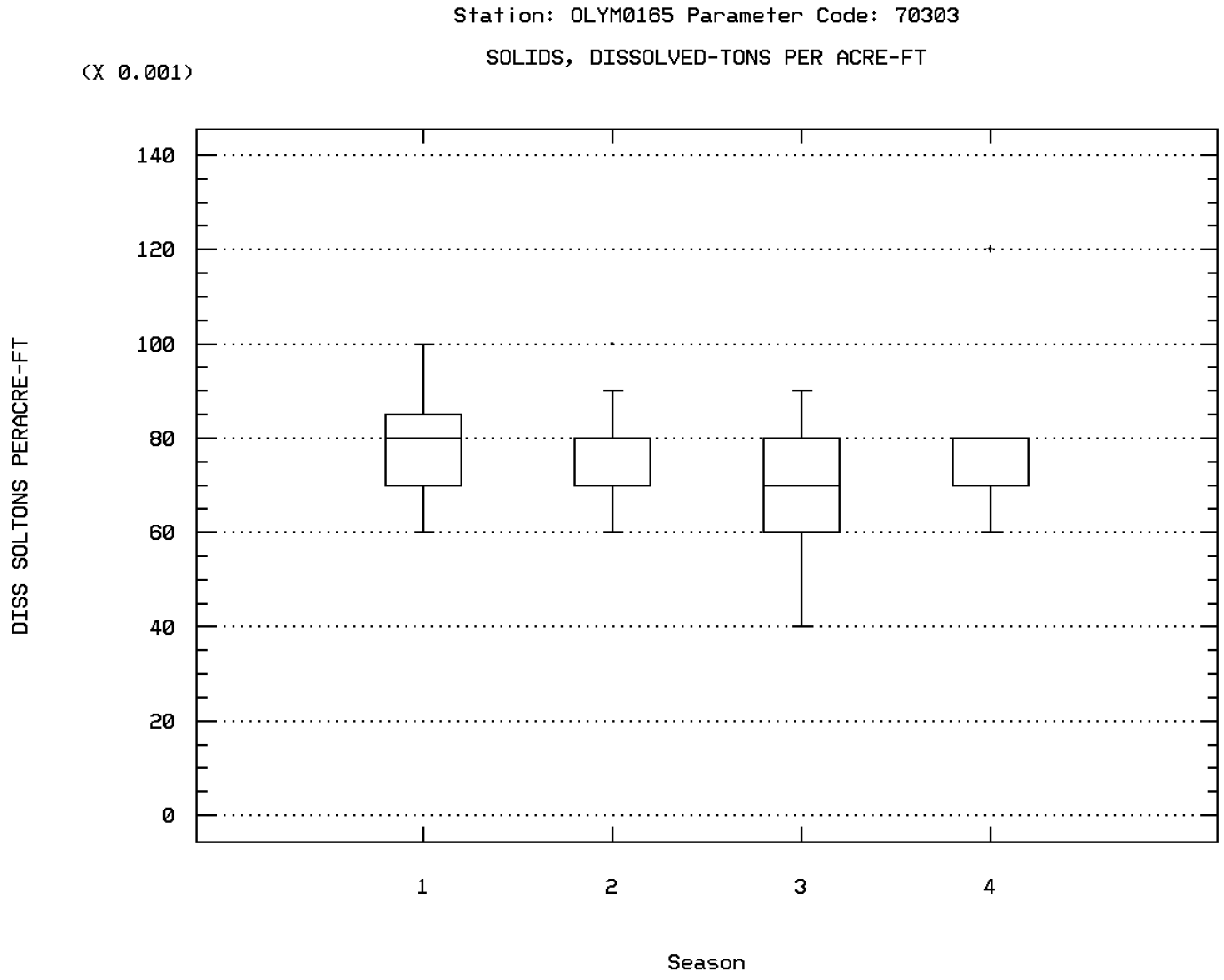
ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station: OLYM0165 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL



ELWHA RIVER AT MCDONALD BR NR PRT ANGEL

Station Inventory for Station: OLYM0166

NPS Station ID: OLYM0166 LAT/LON: 47.970282/-123.589448 Agency: 112WRD Date Created: 09/17/94
Location: ELWHA RIVER ABOVE LAKE MILLS NEAR PORT ANGELES, FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12044900
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110020 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/94-04/21/94	3	6.2	6.3	7.2	5.5	0.73	0.854	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/07/94-04/15/94	2	752.	752.	755.	749.	18.	4.243	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/07/94-04/21/94	3	0.4	0.4	0.5	0.3	0.01	0.1	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/94-04/21/94	3	96.	91.667	96.	83.	56.333	7.506	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/07/94-04/21/94	3	12.3	12.333	12.4	12.3	0.003	0.058	**	**	**	**
00400	PH (STANDARD UNITS)	04/07/94-04/21/94	3	7.6	7.567	7.7	7.4	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/07/94-04/21/94	3	7.6	7.548	7.7	7.4	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/94-04/21/94	3	0.025	0.028	0.04	0.02	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/07/94-04/21/94	3	7.4	7.433	7.6	7.3	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/07/94-04/21/94	3	7.4	7.416	7.6	7.3	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/94-04/21/94	3	0.04	0.038	0.05	0.025	0.	0.013	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/07/94-04/21/94	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/07/94-04/21/94	3	43.	41.333	44.	37.	14.333	3.786	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/07/94-04/21/94	3	0.01	0.009	0.01	0.008	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/07/94-04/21/94	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/07/94-04/21/94	3	0.6	0.6	0.7	0.5	0.01	0.1	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/94-04/21/94	3	14.	13.667	15.	12.	2.333	1.528	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/94-04/21/94	3	1.1	1.	1.1	0.8	0.03	0.173	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/94-04/21/94	3	1.9	1.833	2.	1.6	0.043	0.208	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/94-04/21/94	3	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/94-04/21/94	3	0.7	0.667	0.7	0.6	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/94-04/21/94	3	9.	8.667	9.	8.	0.333	0.577	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/94-04/21/94	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/07/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/07/94-04/21/94	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/07/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/07/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/07/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/07/94-04/21/94	3	140.	186.667	330.	90.	16033.333	126.623	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/07/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/07/94-04/21/94	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/07/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/07/94-04/21/94	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/07/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/07/94-04/21/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	04/07/94-04/21/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
09511	RADIUM 226, DISSOLVED, RADON METHOD	04/07/94-04/21/94	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	04/07/94-04/21/94	3	8.	10.667	24.	0.	149.333	12.22	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: OLYM0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	04/07/94-04/21/94	3	0.903	0.761	1.38	0.	0.491	0.701	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			5.769								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	04/07/94-04/21/94	3 ##	0.5	0.333	0.5	0.	0.083	0.289	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	04/07/94-04/21/94	3 ##	-0.301	-0.201	0.	-0.301	0.03	0.174	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.63								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/07/94-04/21/94	3	36.	34.	36.	30.	12.	3.464	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	04/21/94-04/21/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/07/94-04/21/94	3 ##	0.05	0.1	0.2	0.05	0.008	0.087	**	**	**	**
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	04/07/94-04/21/94	3	0.38	0.347	0.4	0.26	0.006	0.076	**	**	**	**
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	04/07/94-04/21/94	3	0.26	0.24	0.28	0.18	0.003	0.053	**	**	**	**
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	04/07/94-04/21/94	3	0.38	0.387	0.41	0.37	0.	0.021	**	**	**	**
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	04/07/94-04/21/94	3	0.41	0.423	0.45	0.41	0.001	0.023	**	**	**	**
76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/07/94-04/21/94	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/07/94-04/21/94	3	0.01	0.007	0.01	0.	0.	0.006	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/07/94-04/21/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/07/94-04/21/94	3 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/07/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81551	XYLENE WHL WATER SMPL UG/L	04/21/94-04/21/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	04/21/94-04/21/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00							3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00							3	0	0.00			
00400	PH	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00							3	0	0.00			
		Drinking Water	250.	3	0	0.00							3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00							3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00							3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00							3	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00							3	0	0.00			
		Drinking Water	5.	3	0	0.00							3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00							3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00							3	0	0.00			
		Drinking Water	1300.	3	0	0.00							3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00							3	0	0.00			
		Drinking Water	15.	3	0	0.00							3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00							3	0	0.00			
		Drinking Water	100.	3	0	0.00							3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00							3	0	0.00			
		Drinking Water	5000.	3	0	0.00							3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	3	0	0.00							3	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	0	0.00							3	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
		Drinking Water	1000.	1	0	0.00							1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
		Drinking Water	700.	1	0	0.00							1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			

& - 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: OLYM0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00							1	0	0.00			
		Drinking Water	3.	1	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.4	1	0	0.00							1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00							1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00							3	0	0.00			
		Drinking Water	2.	3	0	0.00							3	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OLYM0167

NPS Station ID: OLYM0167 LAT/LON: 47.976392/-123.590005 Agency: 112WRD Date Created: 09/17/94
Location: ELWHA R DELTA SITE 2 AT LAKE MILLS NR PORT ANGEL FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12044920
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17110020 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110020 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/94-04/17/94	2	7.35	7.35	8.	6.7	0.845	0.919	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/15/94-04/15/94	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/15/94-04/15/94	1	749.	749.	749.	749.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/17/94-04/21/94	2	2.6	2.6	3.2	2.	0.72	0.849	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/17/94-04/21/94	2	88.	88.	91.	85.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/15/94-04/21/94	3	11.6	11.5	12.1	10.8	0.43	0.656	**	**	**	**
00400	PH (STANDARD UNITS)	04/15/94-04/21/94	3	7.5	7.533	7.8	7.3	0.063	0.252	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/15/94-04/21/94	3	7.5	7.488	7.8	7.3	0.066	0.258	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/94-04/21/94	3	0.032	0.033	0.05	0.016	0.	0.017	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/17/94-04/21/94	2	7.4	7.4	7.6	7.2	0.08	0.283	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/17/94-04/21/94	2	7.355	7.355	7.6	7.2	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/17/94-04/21/94	2	0.044	0.044	0.063	0.025	0.001	0.027	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/15/94-04/21/94	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	04/15/94-04/21/94	2	42.5	42.5	46.	39.	24.5	4.95	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/94-04/21/94	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/17/94-04/21/94	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/17/94-04/21/94	2	13.5	13.5	14.	13.	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/17/94-04/21/94	2	1.	1.	1.1	0.9	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/17/94-04/21/94	2	1.75	1.75	1.9	1.6	0.045	0.212	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/17/94-04/21/94	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/17/94-04/21/94	2	0.7	0.7	0.9	0.5	0.08	0.283	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/17/94-04/21/94	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/17/94-04/21/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/15/94-04/21/94	3	3.	3.	3.	3.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/15/94-04/21/94	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/15/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/15/94-04/21/94	3	18.	19.	21.	18.	3.	1.732	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/15/94-04/21/94	3	22.	22.	25.	19.	9.	3.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/15/94-04/21/94	3	24000.	17933.333	27000.	2800.	174013333.333	13191.411	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/15/94-04/21/94	3	7.	7.333	8.	7.	0.333	0.577	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/15/94-04/21/94	3	370.	386.667	420.	370.	833.333	28.868	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/15/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/15/94-04/21/94	3	70.	63.333	70.	50.	133.333	11.547	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/15/94-04/21/94	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/15/94-04/21/94	2 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
04126	ALPHA, DISSOLVED, WATER (AS TH-230) PCI/L	04/15/94-04/21/94	2 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
09511	RADIUM 226, DISSOLVED, RADON METHOD	04/15/94-04/21/94	2	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**

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Parameter Inventory for Station: OLYM0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	04/15/94-04/21/94	3	9.	8.333	16.	0.	64.333	8.021	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	04/15/94-04/21/94	3	0.954	0.719	1.204	0.	0.404	0.635	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			5.241								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	04/15/94-04/21/94	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	04/15/94-04/21/94	2	0.239	0.239	0.477	0.	0.114	0.337	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.732								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	04/15/94-04/21/94	2	35.	35.	38.	32.	18.	4.243	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	04/17/94-04/21/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/15/94-04/21/94	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	04/15/94-04/21/94	2	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	04/15/94-04/21/94	2	0.215	0.215	0.23	0.2	0.	0.021	**	**	**	**
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	04/15/94-04/21/94	2	0.34	0.34	0.36	0.32	0.001	0.028	**	**	**	**
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	04/15/94-04/21/94	2	0.375	0.375	0.4	0.35	0.001	0.035	**	**	**	**
76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/15/94-04/21/94	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	04/15/94-04/21/94	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
77652	1,1,2-TRICHLORO-1,2,2-TRIFLUOROET*WHOLE WATER,UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/15/94-04/21/94	2 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/15/94-04/21/94	2 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/15/94-04/21/94	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	04/17/94-04/21/94	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	04/17/94-04/21/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0167

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00							2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00							3	0	0.00			
00400	PH	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
		Drinking Water	250.	2	0	0.00							2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00							2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00							2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00							3	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00							3	0	0.00			
		Drinking Water	5.	3	0	0.00							3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00							3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	3	1.00							3	3	1.00			
		Drinking Water	1300.	3	0	0.00							3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00							3	0	0.00			
		Drinking Water	15.	3	0	0.00							3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00							3	0	0.00			
		Drinking Water	100.	3	0	0.00							3	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00							3	0	0.00			
		Drinking Water	5000.	3	0	0.00							3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	3	0	0.00							3	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	0	0.00							2	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00							2	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00							2	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00							2	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00							2	0	0.00			
		Drinking Water	1000.	2	0	0.00							2	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00							2	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00							2	0	0.00			
		Drinking Water	700.	2	0	0.00							2	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00							2	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00							2	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00							2	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00							2	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00							2	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: OLYM0167

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00							2	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00							2	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00							2	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2	0	0.00							2	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00							2	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00							2	0	0.00			
		Drinking Water	0.2	2	0	0.00							2	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00							2	0	0.00			
		Drinking Water	2.	2	0	0.00							2	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00							2	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00							2	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00							2	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00							2	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	2	0	0.00							2	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00							2	0	0.00			
		Drinking Water	2.	2	0	0.00							2	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00							2	0	0.00			
		Drinking Water	3.	2	0	0.00							2	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00							2	0	0.00			
		Drinking Water	0.4	2	0	0.00							2	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00							2	0	0.00			
		Drinking Water	0.2	2	0	0.00							2	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00							2	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00							2	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00							2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00							3	0	0.00			
		Drinking Water	2.	3	0	0.00							3	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	2	0	0.00							2	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	2	0	0.00							2	0	0.00			

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

Station Inventory for Station: OLYM0168

NPS Station ID: OLYM0168
LAT/LON: 47.697226/-123.592227
Agency: 112WRD
Date Created: 01/08/94
Location: PROMISE CR NR AMAMDA PK WA
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 474150123353200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/09/93-09/09/93	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/09/93-09/09/93	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/93-09/09/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/09/93-09/09/93	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/93-09/09/93	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/93-09/09/93	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/93-09/09/93	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/93-09/09/93	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/93-09/09/93	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/93-09/09/93	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/93-09/09/93	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/93-09/09/93	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/09/93-09/09/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/93-09/09/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0169

NPS Station ID: OLYM0169
LAT/LON: 47.676948/-123.594726
Agency: 112WRD
Date Created: 01/08/94
Location: GEODUCK CR NR AMANDA PK WA
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 474037123354100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/09/93-09/09/93	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/09/93-09/09/93	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/93-09/09/93	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/09/93-09/09/93	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/93-09/09/93	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/93-09/09/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/93-09/09/93	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/93-09/09/93	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/93-09/09/93	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/93-09/09/93	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/93-09/09/93	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/93-09/09/93	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/09/93-09/09/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/93-09/09/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0170

NPS Station ID: OLYM0170 LAT/LON: 47.677226/-123.595003 Agency: 112WRD Date Created: 01/08/94
Location: N FK QUINAULT R AB GEODUCK CR NR AMANDA PK WA FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 474038123354200
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/09/93-09/09/93	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/09/93-09/09/93	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/93-09/09/93	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/09/93-09/09/93	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/93-09/09/93	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/93-09/09/93	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/93-09/09/93	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/93-09/09/93	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/93-09/09/93	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/93-09/09/93	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/93-09/09/93	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/93-09/09/93	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/09/93-09/09/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/93-09/09/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/09/93-09/09/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0170

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0170

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0171

NPS Station ID: OLYM0171 LAT/LON: 47.998059/-123.600837 Agency: 112WRD Date Created: 09/17/94
Location: LAKE MILLS ABOVE ELWHA DAM NR PORT ANGELES SITE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 475953123360301
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	04/23/94-04/23/94	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/23/94-04/23/94	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/23/94-04/23/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/23/94-04/23/94	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/23/94-04/23/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/23/94-04/23/94	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/23/94-04/23/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/23/94-04/23/94	1	820.	820.	820.	820.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/23/94-04/23/94	1	81.	81.	81.	81.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/23/94-04/23/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/23/94-04/23/94	1	34000.	34000.	34000.	34000.	0.	0.	**	**	**	**
04106	RADIUM-228,2 SIG PRECISION,DRY WEIGHT,SED PCI/G	04/23/94-04/23/94	1	0.344	0.344	0.344	0.344	0.	0.	**	**	**	**
04107	RADIUM-226,2 SIG PRECISION,DRY WEIGHT,SED PCI/G	04/23/94-04/23/94	1	0.154	0.154	0.154	0.154	0.	0.	**	**	**	**
09507	RADIUM 226 IN SEDIMENT (PC/G OF DRY SOLIDS)	04/23/94-04/23/94	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/23/94-04/23/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/23/94-04/23/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/23/94-04/23/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/23/94-04/23/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/94-04/23/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/23/94-04/23/94	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
75977	RADIUM 228,DRY WEIGHT,SEDIMENT PC/G	04/23/94-04/23/94	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	04/23/94-04/23/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

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

Station Inventory for Station: OLYM0172

NPS Station ID: OLYM0172 LAT/LON: 47.993892/-123.601392 Agency: 112WRD Date Created: 09/17/94
Location: LAKE MILLS ABOVE ELWHA DAM NR PORT ANGELS SITE 1 FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 475938123360501
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/08/94-04/08/94	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/94-04/08/94	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/94-04/08/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/94-04/08/94	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/08/94-04/08/94	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/94-04/08/94	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/94-04/08/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/08/94-04/08/94	1	830.	830.	830.	830.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/94-04/08/94	1	86.	86.	86.	86.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/08/94-04/08/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/08/94-04/08/94	1	41000.	41000.	41000.	41000.	0.	0.	**	**	**	**
04106	RADIUM-228,2 SIG PRECISION,DRY WEIGHT,SED PCI/G	04/08/94-04/08/94	1	0.328	0.328	0.328	0.328	0.	0.	**	**	**	**
04107	RADIUM-226,2 SIG PRECISION,DRY WEIGHT,SED PCI/G	04/08/94-04/08/94	1	0.191	0.191	0.191	0.191	0.	0.	**	**	**	**
09507	RADIUM 226 IN SEDIMENT (PC/G OF DRY SOLIDS)	04/08/94-04/08/94	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/94-04/08/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/94-04/08/94	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/94-04/08/94	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/94-04/08/94	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
75977	RADIUM 228,DRY WEIGHT,SEDIMENT PC/G	04/08/94-04/08/94	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	04/08/94-04/08/94	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

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

Station Inventory for Station: OLYM0173

NPS Station ID: OLYM0173
LAT/LON: 47.619727/-123.612227
Agency: 112WRD
Date Created: 01/08/94
Location: RUSTLER CR NR AMANDA PK WA
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 473711123364400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/10/93-09/10/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/10/93-09/10/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/93-09/10/93	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/10/93-09/10/93	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/10/93-09/10/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/93-09/10/93	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/93-09/10/93	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/93-09/10/93	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/93-09/10/93	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/93-09/10/93	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/93-09/10/93	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/93-09/10/93	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/93-09/10/93	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/10/93-09/10/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/10/93-09/10/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/10/93-09/10/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0174

NPS Station ID: OLYM0174 LAT/LON: 47.599727/-123.616392 Agency: 112WRD Date Created: 01/08/94
Location: N FK QUINAULT R AT WOLF BAR NR AMANDA PK WA FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 473559123365900
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/10/93-09/10/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/10/93-09/10/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/93-09/10/93	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/10/93-09/10/93	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/10/93-09/10/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/93-09/10/93	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/93-09/10/93	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/93-09/10/93	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/93-09/10/93	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/93-09/10/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/93-09/10/93	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/93-09/10/93	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/93-09/10/93	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/10/93-09/10/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/10/93-09/10/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/10/93-09/10/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0174

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0174

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0175

NPS Station ID: OLYM0175 LAT/LON: 47.596115/-123.623059 Agency: 21540000 Date Created: 03/13/82
Location: NORTH FORK QUINAULT RIVER NEAR AMANDA PARK FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 21D070 /3121D070 /12039300
RMI-Indexes: 1312064 000730 Within Park Boundary: Yes
RMI-Miles: 0047.70 0005.20
HUC: 17100102 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COASTAL (QUEETS QUINAULT-21) ECO Region:
RF1 Index: 17100102026 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/08/80-10/08/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/24/78-01/15/81	25	98.1	98.18	105.1	86.4	13.892	3.727	94.4	96.35	100.55	103.12
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/08/80-03/12/81	6	8.	8.5	16.	3.	23.9	4.889	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/17/77-06/12/78	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/17/77-06/12/78	2	300.	300.	400.	200.	20000.	141.421	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/17/77-06/12/78	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/17/77-06/12/78	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/17/77-06/12/78	2 ##	21.5	21.5	38.	5.	544.5	23.335	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/17/77-06/12/78	2 ##	33.5	33.5	50.	17.	544.5	23.335	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/17/77-06/12/78	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/17/77-06/12/78	2	90.	90.	160.	20.	9800.	98.995	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/17/77-06/12/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0175

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1 &	0	0.00							1	0	0.00			
		Drinking Water	5.	1 &	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	1	0.50	1	0	0.00				1	1	1.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	1 &	1	1.00							1	1	1.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1 &	0	0.00							1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	1	0.50	1	1	1.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: OLYM0176

NPS Station ID: OLYM0176 LAT/LON: 47.596115/-123.623059 Agency: 112WRD Date Created: / /
Location: NORTH FORK QUINAULT R NEAR AMANDA PARK, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12039300
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100102 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100102026 RF1 Mile Point: 5.700 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	11/14/85-11/14/85	2	4.5	4.5	9.	0.	40.5	6.364	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	221	5.1	5.992	13.4	0.4	8.088	2.844	3.04	3.5	8.4	10.28
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/14/85-11/14/85	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	11/17/82-08/27/86	15	749.	747.733	761.	730.	64.21	8.013	732.4	744.	752.	758.6
00060	FLOW, STREAM, MEAN DAILY CFS	09/14/65-10/27/71	34	649.5	722.735	2380.	138.	220778.14	469.87	189.5	348.	998.	1230.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	175	608.	792.394	4530.	120.	462373.125	679.98	207.4	330.	986.	1532.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/05/80-08/27/86	17	0.8	1.247	5.	0.3	1.351	1.162	0.46	0.55	1.5	3.4
00080	COLOR (PLATINUM-COBALT UNITS)	09/14/65-09/18/73	43	3.	2.767	20.	0.	12.611	3.551	0.	0.	5.	5.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	193	78.	76.642	115.	37.	274.856	16.579	53.	64.	89.5	96.
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	183	12.2	12.05	15.2	9.7	0.831	0.911	10.7	11.4	12.6	13.
00310	BOD, 5 DAY, 20 DEG C MG/L	10/24/67-09/18/73	31	0.8	0.79	2.	0.	0.302	0.549	0.02	0.4	1.	1.78
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	191	7.3	7.313	8.4	6.2	0.12	0.347	6.802	7.1	7.6	7.7
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	191	7.3	7.17	8.4	6.2	0.141	0.376	6.802	7.1	7.6	7.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	191	0.05	0.068	0.631	0.004	0.005	0.069	0.02	0.025	0.079	0.158
00403	PH, LAB, STANDARD UNITS SU	10/08/80-08/27/86	39	7.6	7.623	8.4	6.6	0.144	0.379	7.2	7.4	7.8	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	10/08/80-08/27/86	39	7.6	7.437	8.4	6.6	0.18	0.424	7.2	7.4	7.8	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/08/80-08/27/86	39	0.025	0.037	0.251	0.004	0.002	0.047	0.008	0.016	0.04	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	62	3.	4.568	40.	1.	30.387	5.512	1.2	1.875	5.7	7.92
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	132	26.	26.72	58.	10.	39.425	6.279	20.	23.	30.	34.
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/14/85-08/27/86	4	29.	28.25	36.	19.	51.583	7.182	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/05/80-06/05/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	101	32.	32.198	54.	12.	51.18	7.154	23.2	28.	37.	42.
00445	CARBONATE ION (MG/L AS CO3)	09/14/65-05/18/78	88	0.	0.091	8.	0.	0.727	0.853	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	11/14/85-08/27/86	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	11/14/85-08/27/86	4	35.5	34.5	44.	23.	79.	8.888	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/06/81-08/06/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/13/67-10/17/77	13	54.	52.769	63.	42.	55.359	7.44	42.8	45.5	60.	61.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/13/67-10/17/77	13 ##	0.5	1.308	10.	0.5	6.856	2.618	0.5	0.5	0.75	6.4
00600	NITROGEN, TOTAL (MG/L AS N)	04/20/77-10/07/81	19	0.54	0.571	1.9	0.08	0.182	0.427	0.15	0.29	0.77	1.1
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/05/80-10/07/81	12	0.45	0.602	2.3	0.18	0.324	0.569	0.204	0.303	0.59	1.877
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/77-09/22/82	27	0.44	0.488	1.9	0.06	0.143	0.379	0.104	0.24	0.71	0.874
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	06/05/80-09/22/82	20	0.3	0.429	1.8	0.	0.146	0.383	0.097	0.188	0.553	0.809
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/05/80-08/27/86	38	0.045	0.062	0.24	0.005	0.003	0.056	0.005	0.03	0.085	0.14
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/77-08/27/86	33	0.04	0.069	0.3	0.005	0.005	0.072	0.005	0.025	0.095	0.198
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/26/72-08/27/86	5 ##	0.005	0.008	0.02	0.005	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/04/81-06/04/81	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/15/70-07/26/72	9	0.05	0.042	0.1	0.005	0.001	0.032	0.005	0.013	0.065	0.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/81-06/04/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/05/80-09/22/82	21	0.43	0.461	1.	0.18	0.049	0.222	0.2	0.29	0.565	0.836
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/05/80-09/22/82	22	0.1	0.194	1.7	0.	0.133	0.365	0.	0.	0.24	0.442
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/77-08/27/86	45	0.41	0.458	1.9	0.07	0.119	0.345	0.1	0.14	0.6	0.894
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	105	0.04	0.044	0.4	0.01	0.002	0.045	0.01	0.02	0.05	0.064
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/21/72-08/27/86	52 ##	0.05	0.047	0.1	0.01	0.	0.02	0.02	0.04	0.05	0.071
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/13/67-06/19/79	22	0.01	0.295	5.	0.	1.149	1.072	0.	0.	0.075	0.733
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/77-03/02/83	11	0.	0.053	0.49	0.	0.021	0.146	0.	0.	0.03	0.398
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	129	0.01	0.021	0.29	0.005	0.001	0.032	0.005	0.008	0.03	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/05/80-05/28/86	38	0.01	0.018	0.05	0.005	0.	0.013	0.005	0.005	0.023	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/77-08/27/86	26 ##	0.005	0.013	0.16	0.005	0.001	0.03	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/17/73-09/22/82	20	1.5	2.373	10.	0.05	5.472	2.339	0.61	0.9	3.7	5.25
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/15/81-08/24/82	6	1.75	1.85	3.3	0.6	1.099	1.048	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/15/81-08/24/82	5	0.1	0.06	0.1	0.	0.003	0.055	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	12/17/73-08/24/82	15	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	152	34.5	33.888	51.	15.	59.915	7.74	23.	29.25	40.	44.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	126	7.	7.397	18.	0.	14.529	3.812	3.	5.	10.	13.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	165	13.	12.481	19.	5.	8.328	2.886	8.4	11.	15.	16.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	165	0.6	0.635	2.7	0.05	0.067	0.259	0.4	0.5	0.7	0.8
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	165	1.4	1.529	15.	0.9	1.223	1.106	1.	1.2	1.7	1.9
00931p	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	148	0.1	0.113	1.3	0.1	0.01	0.101	0.1	0.1	0.1	0.1
00932p	SODIUM, PERCENT	07/29/66-11/14/85	147	8.	8.966	55.	5.	18.554	4.307	7.	8.	9.	10.2
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/17/79-02/13/80	11	1.8	1.764	2.2	1.2	0.103	0.32	1.22	1.5	2.	2.18
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	165	0.2	0.202	3.3	0.	0.082	0.286	0.1	0.1	0.2	0.3
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	164	0.9	0.95	4.	0.	0.278	0.527	0.4	0.7	1.	2.
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	164	9.	9.363	16.	0.	8.124	2.85	6.	8.	11.	14.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	164	0.1	0.077	0.4	0.	0.003	0.056	0.	0.05	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	164	4.6	4.42	6.8	0.9	0.694	0.833	3.3	3.925	5.	5.35
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/24/67-03/05/86	19 ##	0.5	0.632	3.	0.	0.44	0.663	0.	0.5	1.	1.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	02/13/80-12/09/81	6	0.	0.167	1.	0.	0.167	0.408	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/17/73-08/24/82	20	0.75	0.925	4.	0.	0.691	0.832	0.5	0.5	1.	1.9
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/13/80-03/05/86	17	8.	7.471	11.	2.	7.39	2.718	2.8	5.5	10.	10.2
01006	BARIUM, SUSPENDED (UG/L AS BA)	02/13/80-08/06/81	5	0.	18.	90.	0.	1620.	40.249	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	12/17/73-08/24/82	20 ##	50.	70.	400.	0.	8000.	89.443	0.	50.	50.	190.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/13/80-03/05/86	16 ##	0.25	0.478	2.	0.25	0.198	0.445	0.25	0.25	0.5	1.23
01020	BORON, DISSOLVED (UG/L AS B)	10/24/67-06/05/80	4	8.	9.	20.	0.	70.667	8.406	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	06/05/80-06/05/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/05/80-06/05/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/13/80-03/05/86	17 ##	0.5	0.971	8.	0.5	3.296	1.815	0.5	0.5	0.5	2.4
01026	CADMIUM, SUSPENDED (UG/L AS CD)	02/13/80-06/05/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	12/17/73-08/24/82	20 ##	1.	4.725	10.	0.	24.091	4.908	0.	0.	10.	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/21/72-03/05/86	17 ##	0.5	1.353	10.	0.	5.993	2.448	0.	0.25	1.5	5.2
01031	CHROMIUM, SUSPEND (UG/L AS CR)	02/13/80-08/06/81	5	10.	7.6	18.	0.	58.8	7.668	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/24/67-08/24/82	26 ##	2.5	5.038	20.	0.	32.038	5.66	0.	0.	10.	10.
01035	COBALT, DISSOLVED (UG/L AS CO)	02/13/80-03/05/86	17 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01037	COBALT, TOTAL (UG/L AS CO)	06/05/80-06/05/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/24/67-03/05/86	22	4.5	3.659	11.	0.	8.271	2.876	0.	0.375	5.	7.
01041	COPPER, SUSPENDED (UG/L AS CU)	02/13/80-06/05/80	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/16/71-08/24/82	21	10.	24.286	140.	0.	970.914	31.159	2.2	5.5	39.	49.8
01044	IRON, SUSPENDED (UG/L AS FE)	02/13/80-12/09/81	3	50.	996.667	2900.	40.	2717033.333	1648.343	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	12/12/67-08/24/82	22	95.	375.455	2900.	0.	444035.498	666.36	13.	50.	447.5	1275.
01046	IRON, DISSOLVED (UG/L AS FE)	02/13/80-03/05/86	17	6.	19.941	94.	1.5	879.278	29.653	1.5	4.5	22.5	91.6
01049	LEAD, DISSOLVED (UG/L AS PB)	11/21/72-03/05/86	18	2.	4.972	20.	0.	34.573	5.88	0.45	0.875	6.75	16.4
01050	LEAD, SUSPENDED (UG/L AS PB)	02/13/80-12/09/81	4	3.	15.75	57.	0.	760.917	27.585	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/16/71-08/24/82	21	49.	75.976	500.	0.5	12388.762	111.305	3.2	7.	100.	180.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	02/13/80-08/24/82	7	5.	8.857	40.	0.	196.143	14.005	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	12/17/73-08/24/82	20 ##	5.	10.7	70.	0.	219.8	14.826	4.1	5.	10.	20.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/13/80-03/05/86	17	4.	5.941	35.	0.5	76.871	8.768	0.5	0.75	6.	23.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/13/80-03/05/86	16 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/05/80-03/05/86	10	2.	2.35	7.	0.5	4.392	2.096	0.5	0.5	4.	6.7
01066	NICKEL, SUSPENDED (UG/L AS NI)	06/05/80-06/05/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/05/80-06/05/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	02/13/80-03/05/86	17 ##	0.5	0.353	1.	0.	0.086	0.294	0.	0.	0.5	0.6
01076	SILVER, SUSPENDED (UG/L AS AG)	02/13/80-08/06/81	5	0.	0.2	1.	0.	0.2	0.447	**	**	**	**

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Parameter Inventory for Station: OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	12/17/73-08/24/82	20 ##	1.	4.65	10.	0.	24.739	4.974	0.	0.	10.	10.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/07/68-03/05/86	17	100.	92.706	130.	0.	1072.721	32.752	39.2	76.	120.	122.
01082	STRONTIUM, TOTAL (UG/L AS SR)	09/16/71-09/16/71	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	02/13/80-03/05/86	16 ##	3.	2.813	3.	1.5	0.263	0.512	1.5	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/24/67-03/05/86	23	13.	14.261	37.	0.	130.383	11.419	0.	6.	25.	31.2
01091	ZINC, SUSPENDED (UG/L ZN)	02/13/80-08/24/82	7	10.	23.857	80.	0.	910.81	30.18	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/16/71-08/24/82	21	20.	65.571	530.	7.	12882.857	113.503	10.	10.	75.	146.
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/05/80-06/05/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/05/80-03/05/86	10	20.	22.	70.	5.	390.	19.748	5.	8.75	25.	67.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/05/80-06/05/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/07/68-03/05/86	19	2.	3.737	12.	0.	8.205	2.864	0.	2.	5.	7.
01131	LITHIUM, SUSPENDED (UG/L AS LI)	06/05/80-06/05/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	09/16/71-06/05/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/13/80-03/05/86	17 ##	0.5	0.353	1.	0.	0.086	0.294	0.	0.	0.5	0.6
01146	SELENIUM, SUSPENDED (UG/L AS SE)	02/13/80-08/06/81	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	12/17/73-08/24/82	21 ##	0.5	0.5	2.	0.	0.225	0.474	0.	0.	0.5	1.
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	09/13/67-02/13/80	9 ##	0.15	0.3	1.	0.05	0.103	0.32	0.05	0.075	0.5	1.
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	09/13/67-02/13/80	9 ##	0.05	0.1	0.3	0.05	0.008	0.087	0.05	0.05	0.15	0.3
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	09/13/67-03/05/86	21	0.85	0.905	2.4	0.2	0.333	0.577	0.22	0.425	1.25	1.9
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	09/13/67-03/05/86	21 ##	0.2	0.343	1.9	0.2	0.146	0.382	0.2	0.2	0.3	0.6
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	09/13/67-09/13/67	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
09511	RADIUM 226, DISSOLVED, RADON METHOD	02/07/68-03/05/86	20	0.035	0.037	0.08	0.01	0.	0.02	0.01	0.02	0.05	0.069
22703	URANIUM, NATURAL, DISSOLVED	09/13/67-09/13/67	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	105	7.	28.819	1200.	0.	13997.409	118.311	0.5	2.	20.	62.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	105	0.845	0.825	3.079	-0.301	0.509	0.713	-0.301	0.301	1.301	1.792
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.679								
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	06/04/70-06/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	06/04/70-06/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/73-09/27/76	32 ##	0.5	1.281	9.	0.	4.257	2.063	0.15	0.5	1.	4.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/73-09/27/76	32 ##	-0.301	-0.07	0.954	-0.301	0.125	0.354	-0.09	-0.301	0.	0.635
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.851								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	80	1.	3.844	58.	0.5	81.213	9.012	0.5	0.5	3.	7.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	80	0.	0.158	1.763	-0.301	0.266	0.516	-0.301	-0.301	0.477	0.845
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.439								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	78	2.	12.468	180.	0.5	824.496	28.714	0.5	0.5	9.	28.8
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	78	0.301	0.428	2.255	-0.301	0.541	0.736	-0.301	-0.301	0.954	1.447
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.682								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/13/73-10/20/76	34	1.	3.853	23.	0.5	29.72	5.452	0.5	0.5	7.	10.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/13/73-10/20/76	34	0.	0.222	1.362	-0.301	0.315	0.561	-0.301	-0.301	0.845	1.
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.667								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	10/08/80-10/08/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	10/08/80-10/08/80	1	1.613	1.613	1.613	1.613	0.	0.	**	**	**	**
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			41.								
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	02/14/79-12/09/81	3	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	05/26/76-12/09/81	5	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	08/05/80-08/05/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/02/70-08/05/80	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/02/70-08/05/80	9	0.	0.056	0.5	0.	0.028	0.167	0.	0.	0.	0.5
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/02/70-08/05/80	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/14/77-12/09/81	5	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/05/80-08/05/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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Parameter Inventory for Station: OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/26/76-12/09/81	5	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/03/75-12/09/81	7	0.	0.071	0.5	0.	0.036	0.189	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/03/75-08/05/80	7	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/02/70-08/05/80	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/02/70-08/05/80	9	0.	0.011	0.1	0.	0.001	0.033	0.	0.	0.	0.1
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	08/05/80-12/09/81	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/05/80-08/05/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/17/73-08/05/80	8	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-09/02/70	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-09/02/70	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/02/70-09/02/70	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	7	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	09/02/70-09/02/70	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.01	0.	0.	0.004	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39755	MIREX, TOTAL (UG/L)	06/12/78-12/09/81	4	0.	0.001	0.005	0.	0.	0.003	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	08/05/80-08/05/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	12/17/73-12/09/81	8	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/26/76-12/09/81	5	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/26/76-12/09/81	5	0.	0.001	0.005	0.	0.	0.002	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	161	47.	47.969	84.	28.	114.18	10.686	34.	41.	56.	62.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	130	47.	46.138	74.	25.	102.151	10.107	32.	39.	53.	59.9
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	131	73.9	90.345	411.	15.7	3975.355	63.05	32.74	49.9	108.	158.8
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	146	0.06	0.065	0.11	0.04	0.	0.015	0.047	0.058	0.073	0.08
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	04/09/81-12/09/81	2	52.5	52.5	60.	45.	112.5	10.607	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	06/05/80-06/05/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	06/05/80-01/15/81	4	0.02	0.028	0.07	0.	0.001	0.034	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/05/80-03/02/83	24	0.08	0.116	0.43	0.	0.01	0.101	0.005	0.058	0.145	0.28
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/14/65-01/21/71	28	0.1	0.089	0.4	0.	0.013	0.113	0.	0.	0.1	0.31
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/17/79-05/22/85	43	0.06	0.071	0.37	0.	0.006	0.076	0.	0.03	0.09	0.156
71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/20/77-10/07/81	19	2.4	2.526	8.4	0.4	3.516	1.875	0.7	1.3	3.4	4.8
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/13/80-03/05/86	17	0.05	0.053	0.2	0.	0.003	0.051	0.	0.	0.075	0.12
71895	MERCURY, SUSPENDED (UG/L AS HG)	02/13/80-08/06/81	5	0.1	0.06	0.1	0.	0.003	0.055	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/21/72-08/24/82	19 ##	0.1	0.153	0.25	0.	0.009	0.094	0.05	0.05	0.25	0.25
80020	URANIUM,DISS.,BY EXTRACTION FLUOROMETRIC METHOD	02/07/68-03/05/86	20	0.02	0.036	0.19	0.005	0.002	0.044	0.005	0.01	0.04	0.105
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	09/13/67-03/05/86	21 ##	0.4	0.588	2.9	0.2	0.41	0.64	0.2	0.25	0.625	1.59
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	09/13/67-03/05/86	21 ##	0.2	0.238	0.8	0.2	0.018	0.136	0.2	0.2	0.2	0.36
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	09/13/67-03/05/86	21	0.7	0.752	2.	0.2	0.21	0.459	0.21	0.4	0.95	1.52
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	09/13/67-03/05/86	21 ##	0.2	0.329	1.8	0.2	0.127	0.357	0.2	0.2	0.3	0.58
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	170	3.	10.041	167.	0.	731.105	27.039	1.	1.	5.	13.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	143	4.2	43.973	1060.	0.	24740.66	157.292	0.472	1.	13.	47.
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	08/05/80-08/05/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	08/05/80-07/08/81	11	0.2	0.173	0.2	0.1	0.002	0.047	0.1	0.1	0.2	0.2
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	08/05/80-12/09/81	2 ##	0.003	0.003	0.005	0.	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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0176

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	17	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00	4	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0176

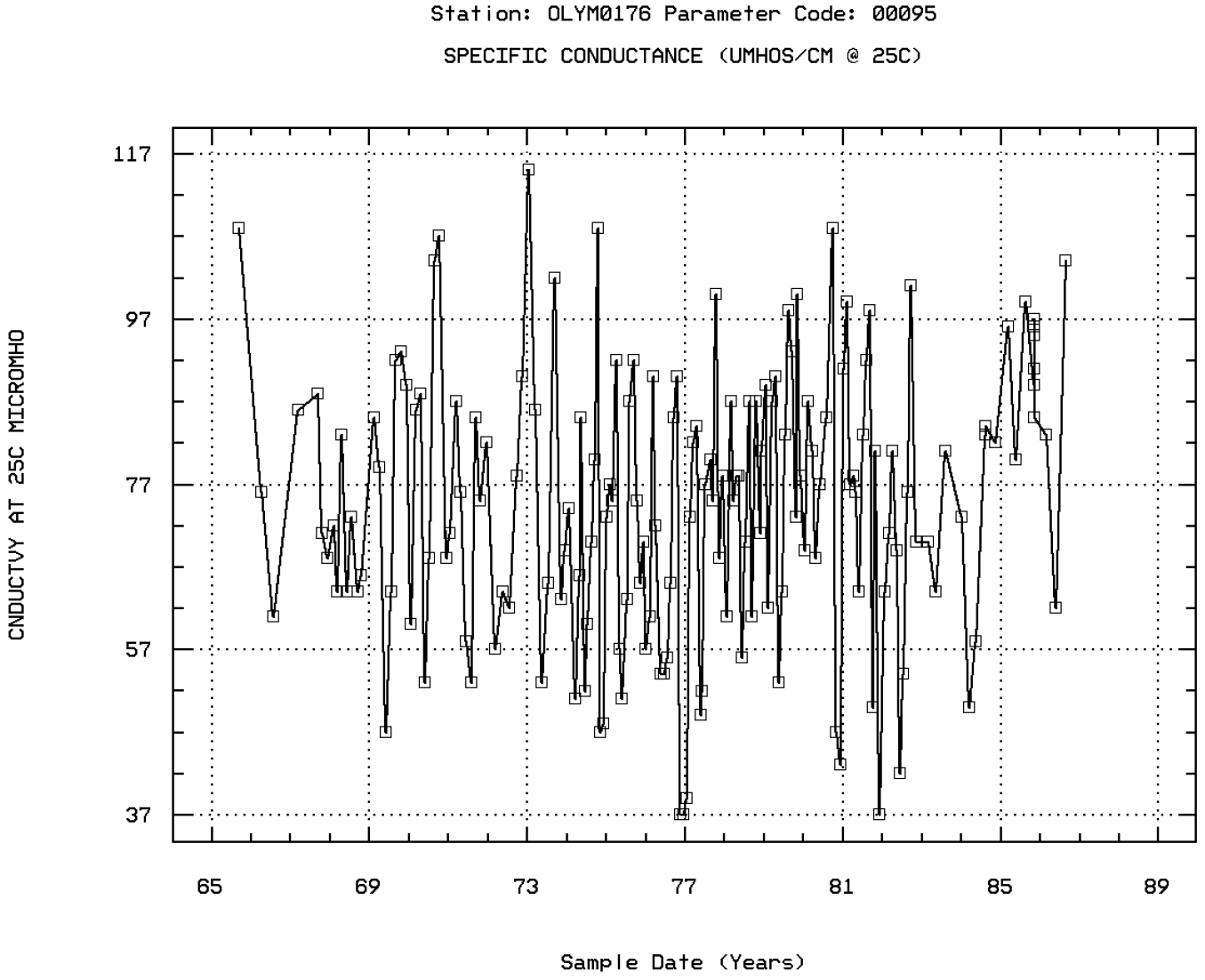
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	183	0	0.00	48	0	0.00	48	0	0.00	54	0	0.00	33	0	0.00
00400	PH	Fresh Chronic	9.	191	0	0.00	48	0	0.00	52	0	0.00	55	0	0.00	36	0	0.00
		Other-Lo Lim.	6.5	191	3	0.02	48	2	0.04	52	0	0.00	55	1	0.02	36	0	0.00
00403	PH, LAB	Fresh Chronic	9.	39	0	0.00	7	0	0.00	12	0	0.00	12	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	39	0	0.00	7	0	0.00	12	0	0.00	12	0	0.00	8	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	9	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	105	0	0.00	17	0	0.00	35	0	0.00	35	0	0.00	18	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	52	0	0.00	9	0	0.00	17	0	0.00	16	0	0.00	10	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	15	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
		Drinking Water	0.2	15	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	164	0	0.00	25	0	0.00	54	0	0.00	55	0	0.00	30	0	0.00
		Drinking Water	250.	164	0	0.00	25	0	0.00	54	0	0.00	55	0	0.00	30	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	164	0	0.00	26	0	0.00	53	0	0.00	55	0	0.00	30	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	164	0	0.00	26	0	0.00	53	0	0.00	55	0	0.00	30	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	19	0	0.00	2	0	0.00	6	0	0.00	4	0	0.00	7	0	0.00
		Drinking Water	50.	19	0	0.00	2	0	0.00	6	0	0.00	4	0	0.00	7	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	6	0	0.00				2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00				2	0	0.00	2	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	20	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	6	0	0.00
		Drinking Water	50.	20	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	6	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	17	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	20	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	6	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	16	0	0.00	1	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00
		Drinking Water	4.	16	0	0.00	1	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	17	1	0.06	1	0	0.00	6	0	0.00	4	1	0.25	6	0	0.00
		Drinking Water	5.	17	1	0.06	1	0	0.00	6	0	0.00	4	1	0.25	6	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	11 &	0	0.00				3	0	0.00	4	0	0.00	4	0	0.00
		Drinking Water	5.	11 &	0	0.00				3	0	0.00	4	0	0.00	4	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	17	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00	6	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	26	0	0.00	3	0	0.00	8	0	0.00	7	0	0.00	8	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	22	0	0.00	3	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00
		Drinking Water	1300.	22	0	0.00	3	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	21	8	0.38	2	0	0.00	6	3	0.50	6	4	0.67	7	1	0.14
		Drinking Water	1300.	21	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	7	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	18	0	0.00	2	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	15.	18	2	0.11	2	0	0.00	6	2	0.33	4	0	0.00	6	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	4	0	0.00				2	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	15.	4	1	0.25				2	1	0.50	1	0	0.00	1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	14 &	2	0.14				4	1	0.25	5	1	0.20	5	0	0.00
		Drinking Water	15.	14 &	5	0.36				4	2	0.50	5	3	0.60	5	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	10	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00
		Drinking Water	100.	10	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	17	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	100.	17	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00
01076	SILVER, SUSPENDED	Fresh Acute	4.1	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	100.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0176

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	11 &	0	0.00				3	0	0.00	4	0	0.00	4	0	0.00
		Drinking Water	100.	20	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	6	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	23	0	0.00	3	0	0.00	8	0	0.00	5	0	0.00	7	0	0.00
		Drinking Water	5000.	23	0	0.00	3	0	0.00	8	0	0.00	5	0	0.00	7	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	7	0	0.00				2	0	0.00	2	0	0.00	3	0	0.00
		Drinking Water	5000.	7	0	0.00				2	0	0.00	2	0	0.00	3	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	21	2	0.10	2	1	0.50	6	1	0.17	6	0	0.00	7	0	0.00
		Drinking Water	5000.	21	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	7	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	17	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	50.	17	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	6	0	0.00				2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00				2	0	0.00	2	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	21	0	0.00	2	0	0.00	7	0	0.00	6	0	0.00	6	0	0.00
		Drinking Water	50.	21	0	0.00	2	0	0.00	7	0	0.00	6	0	0.00	6	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	105	1	0.01	16	1	0.06	35	0	0.00	37	0	0.00	17	0	0.00
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	32	0	0.00	5	0	0.00	10	0	0.00	12	0	0.00	5	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	80	0	0.00	14	0	0.00	28	0	0.00	24	0	0.00	14	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	0.2	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	2.	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	5	0	0.00				2	0	0.00	2	0	0.00	1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	2.	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	7	0	0.00				2	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	3.	7	0	0.00				2	0	0.00	4	0	0.00	1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	0.4	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	0.2	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00				1	0	0.00				1	0	0.00
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	7	0	0.00				3	0	0.00	3	0	0.00	1	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	8	0	0.00				3	0	0.00	4	0	0.00	1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	28	0	0.00	3	0	0.00	9	0	0.00	11	0	0.00	5	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	17	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00
		Drinking Water	2.	17	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	2.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	19	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00	5	0	0.00
		Drinking Water	2.	19	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00	5	0	0.00
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	20	0	0.00	4	0	0.00	7	0	0.00				9	0	0.00

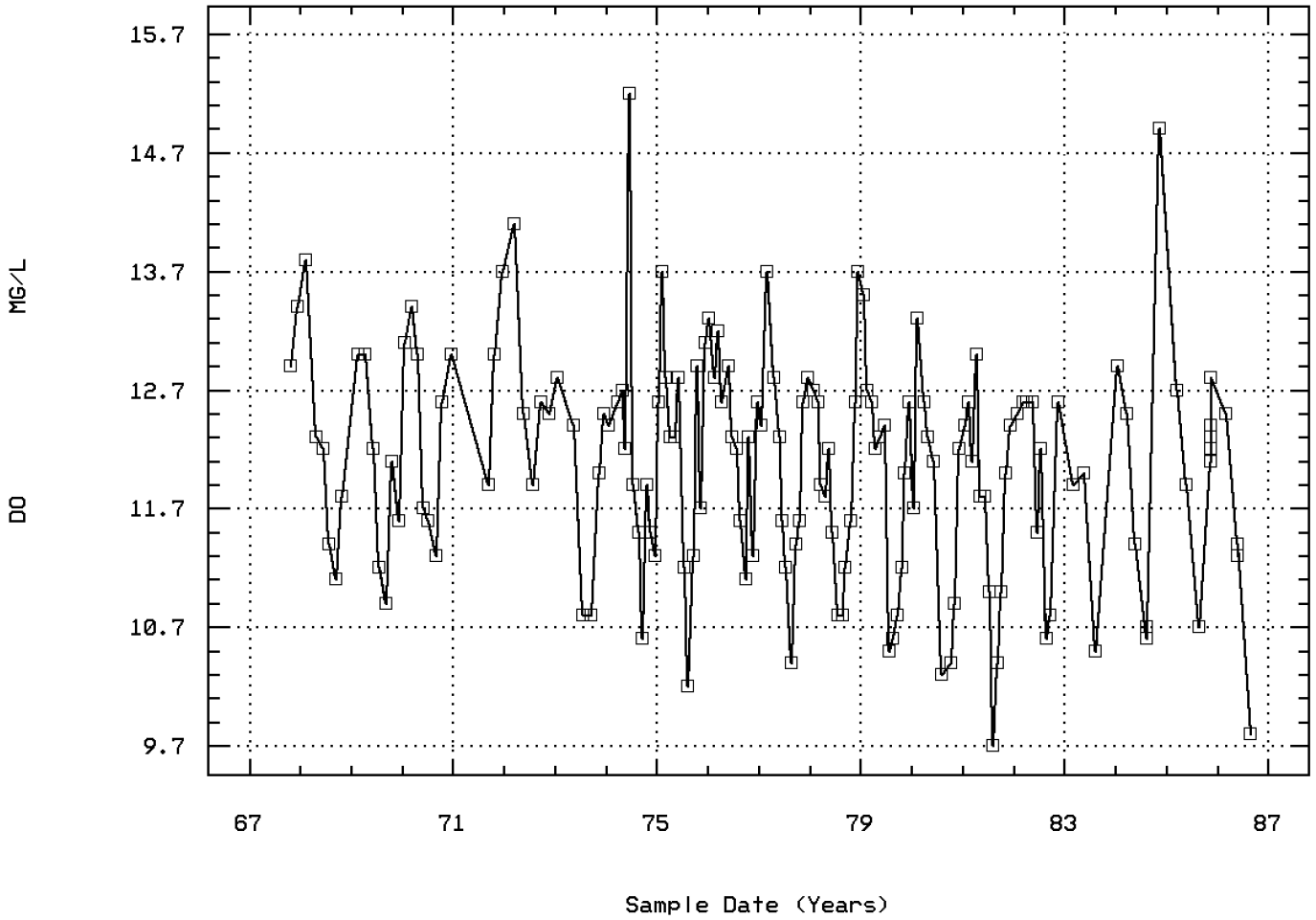
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



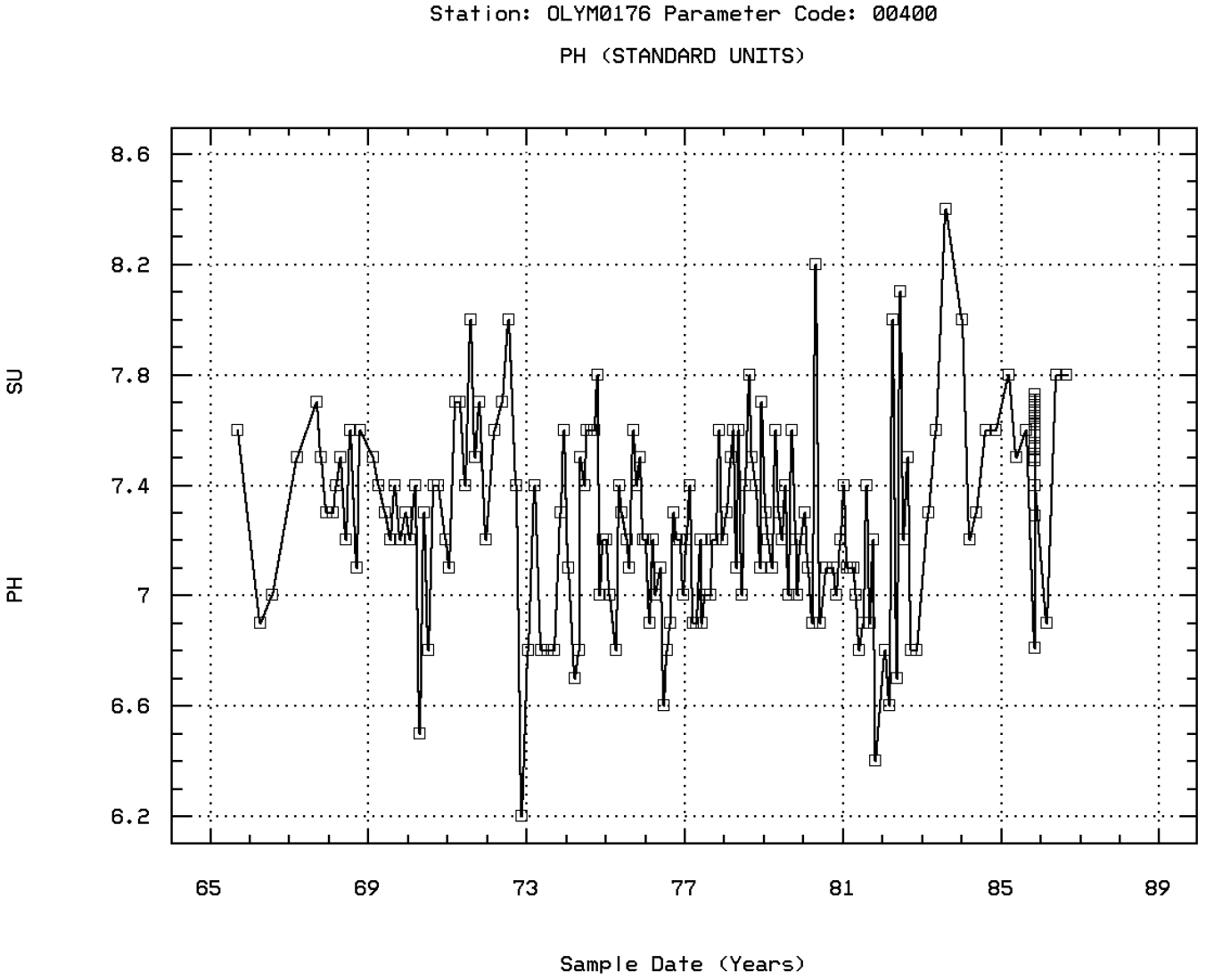
NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 00300

OXYGEN, DISSOLVED



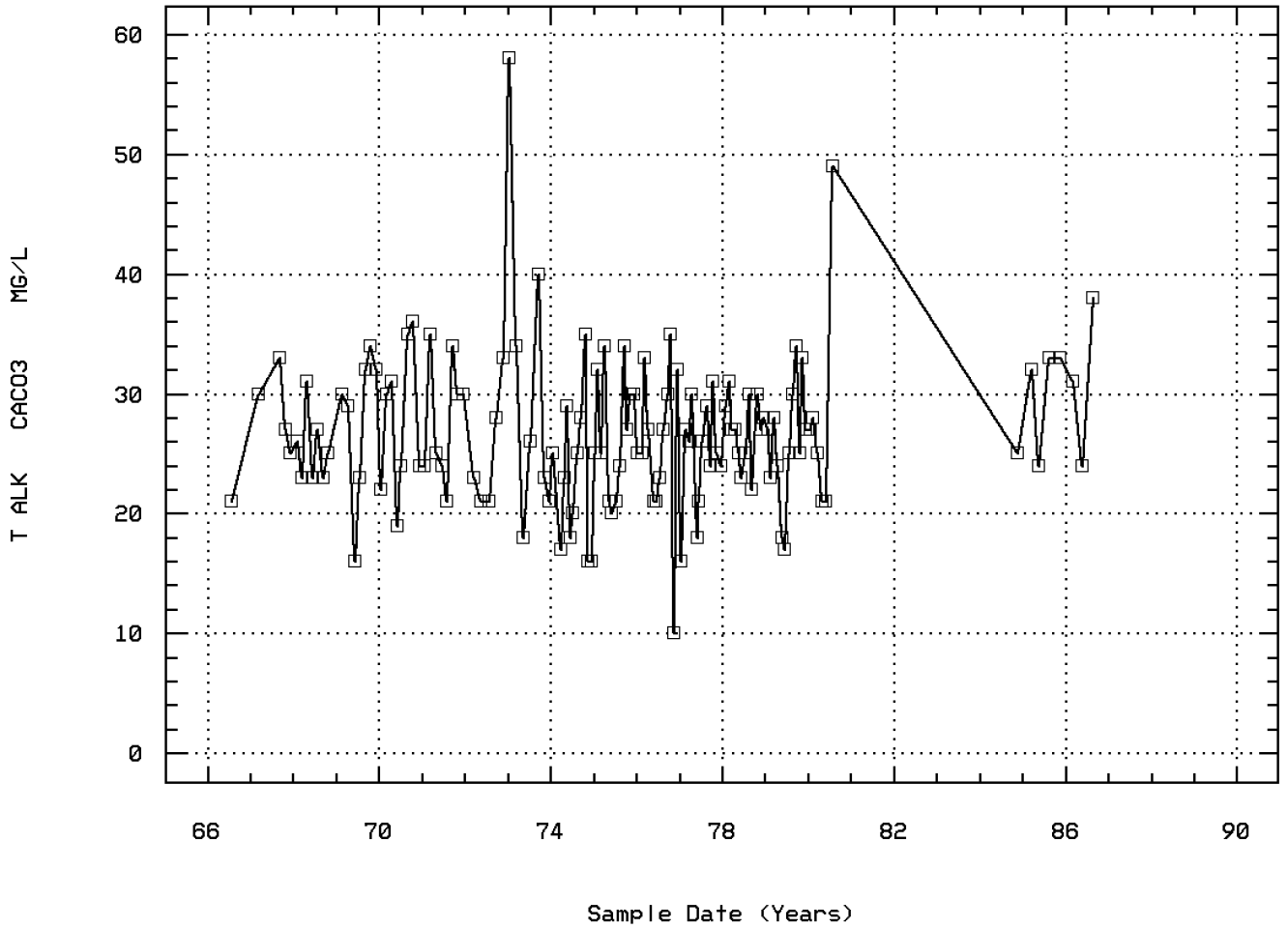
NORTH FORK QUINAULT R NEAR AMANDA PARK,



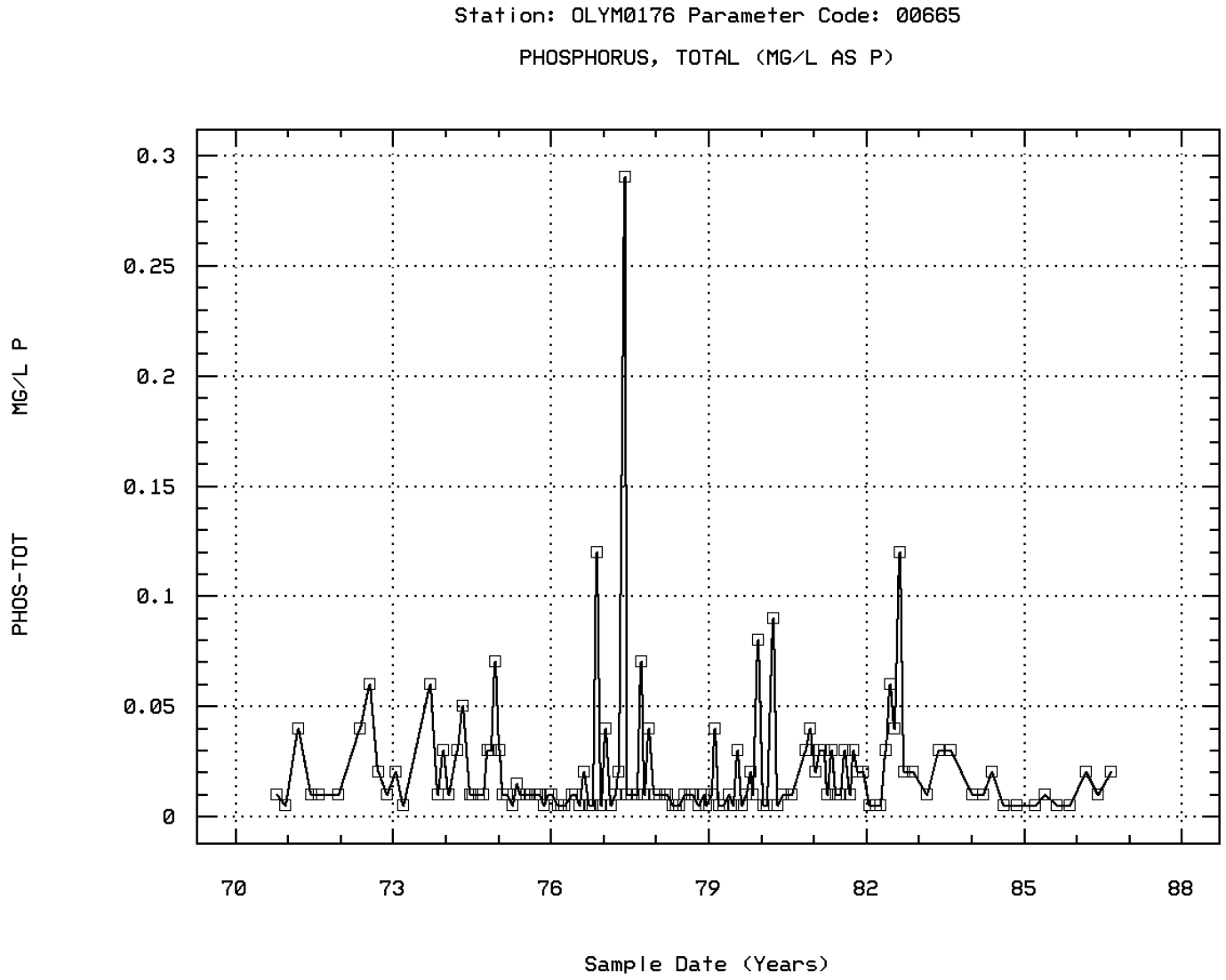
NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CACO3)



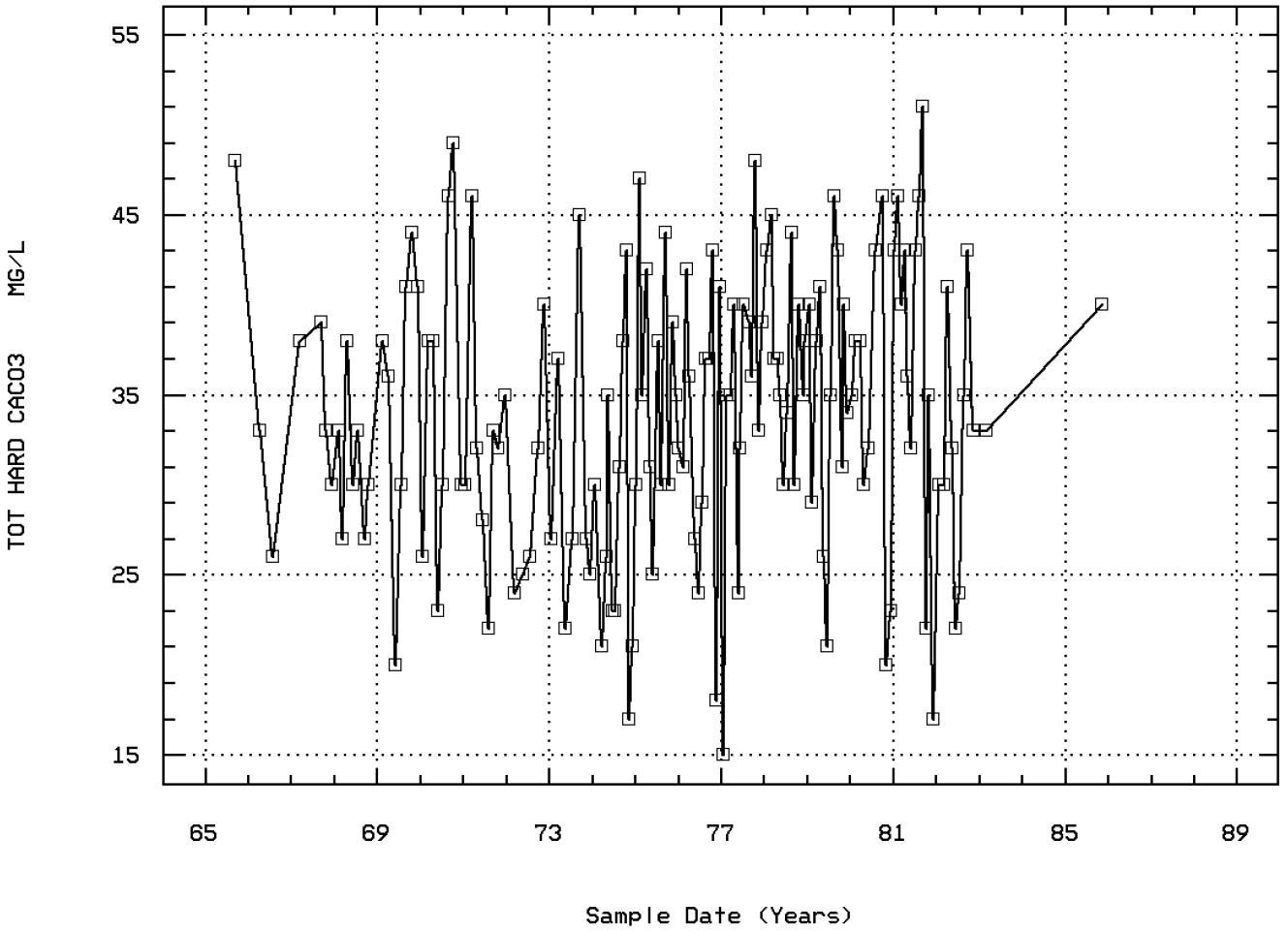
NORTH FORK QUINAULT R NEAR AMANDA PARK,



NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 00900

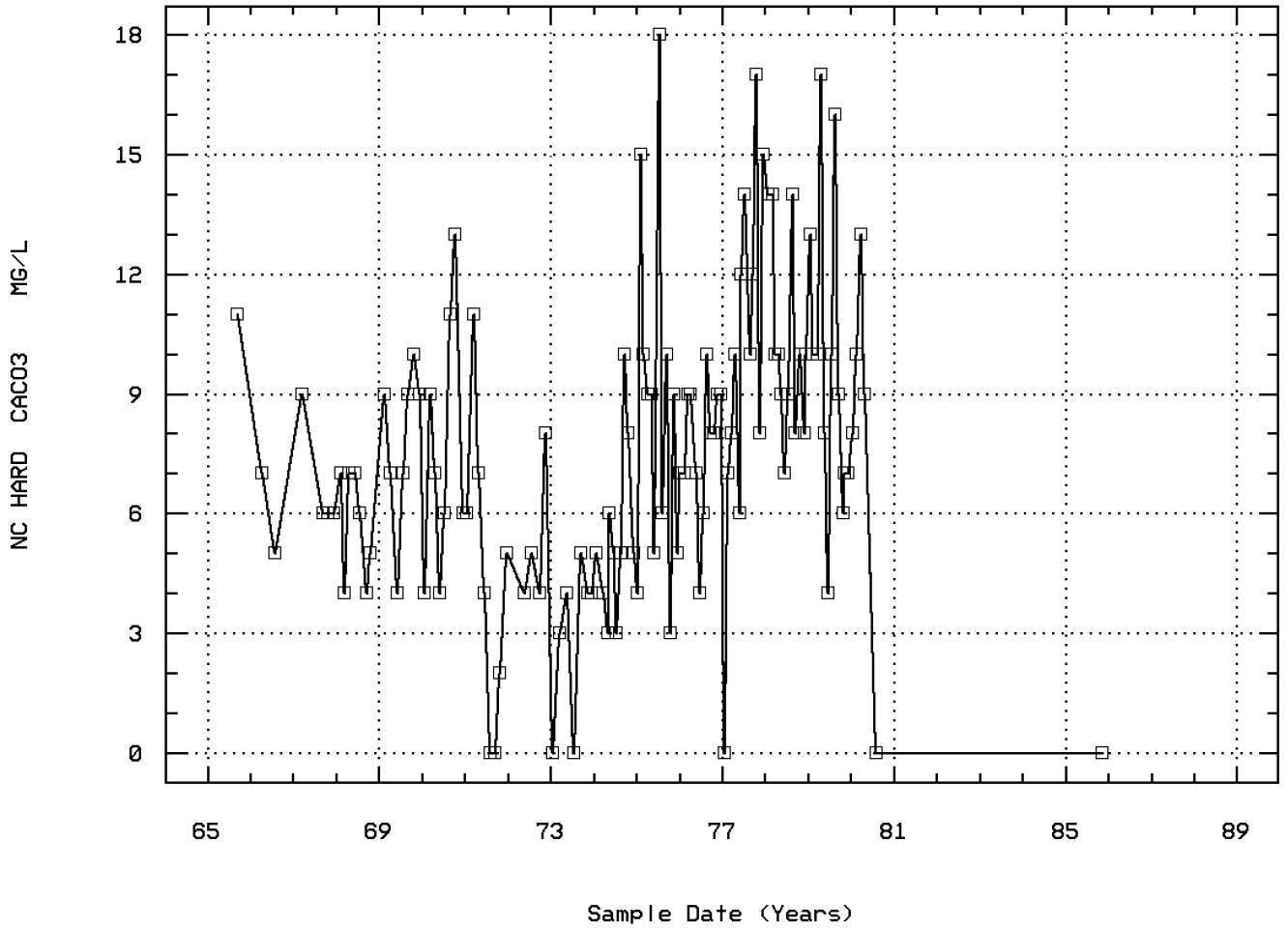
HARDNESS, TOTAL (MG/L AS CACO3)



NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 00902

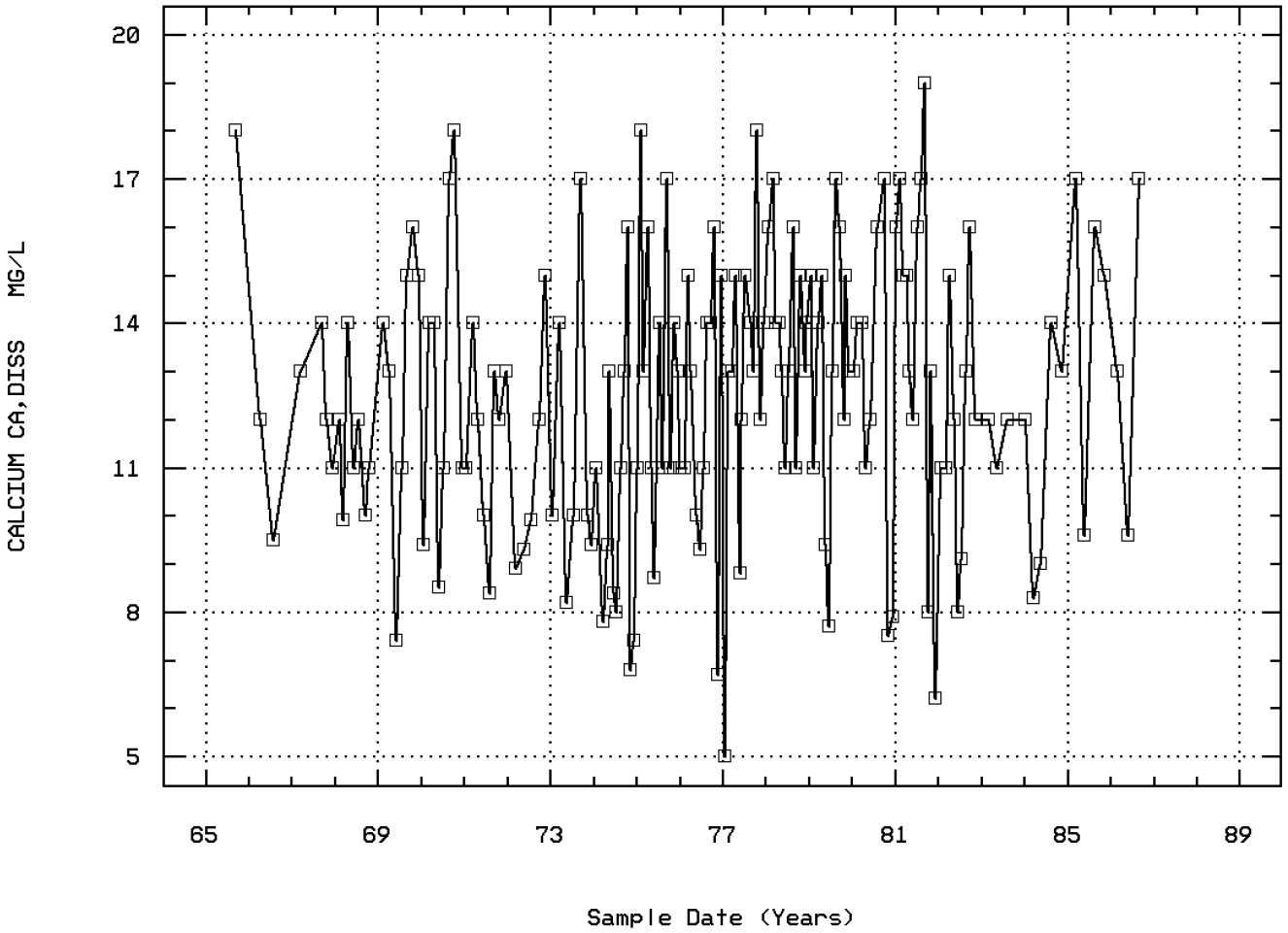
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 00915

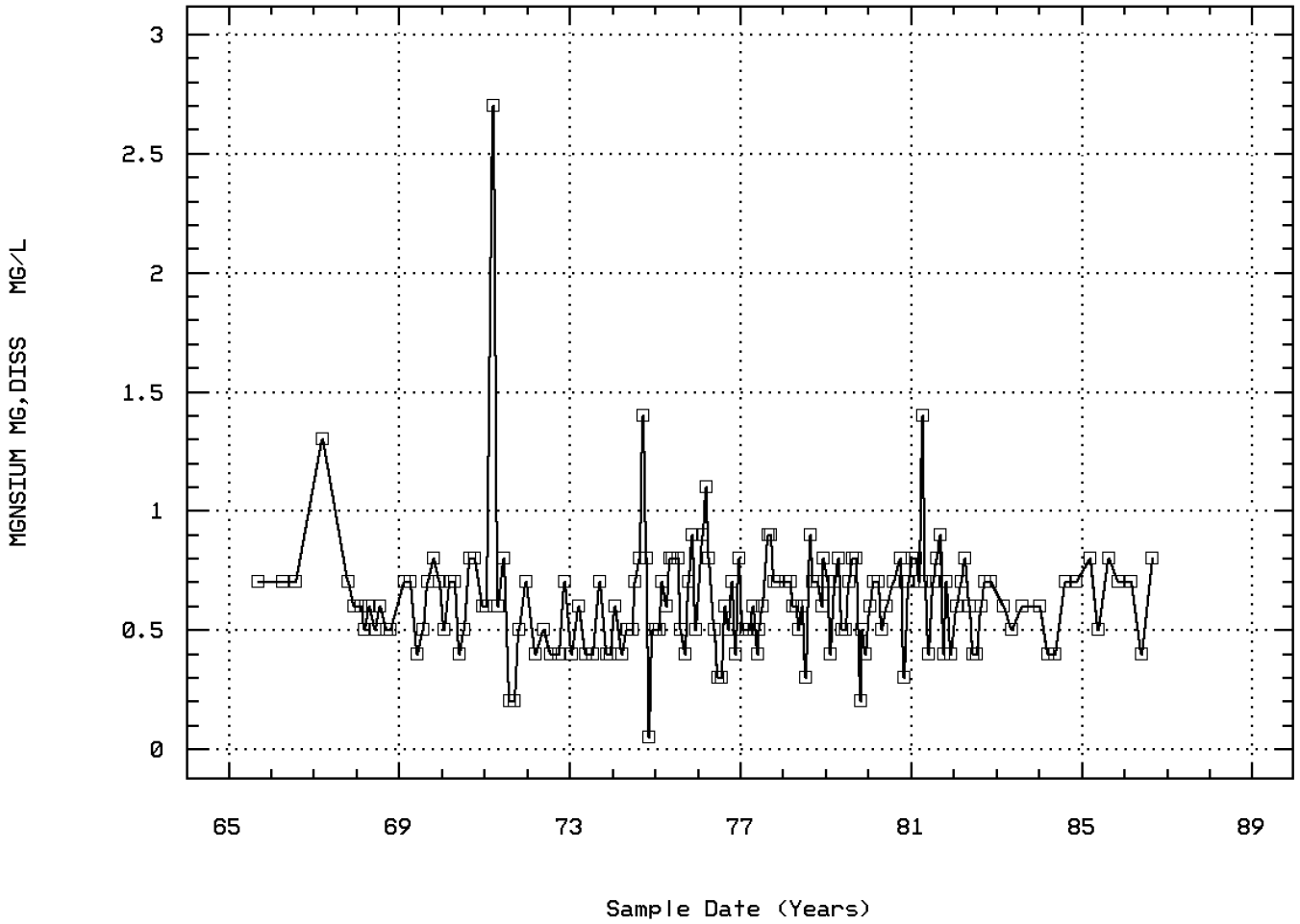
CALCIUM, DISSOLVED (MG/L AS CA)



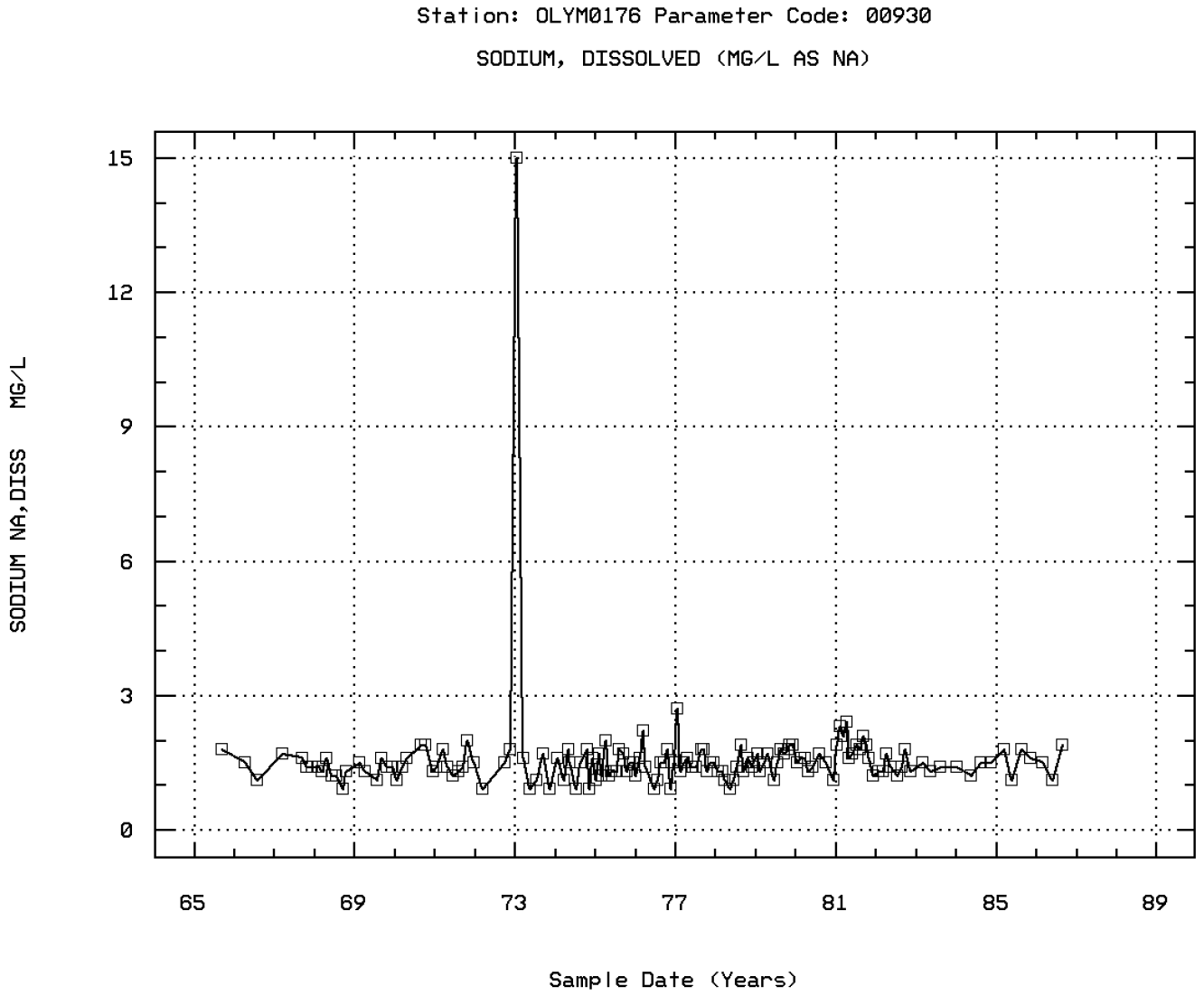
NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 00925

MAGNESIUM, DISSOLVED (MG/L AS MG)



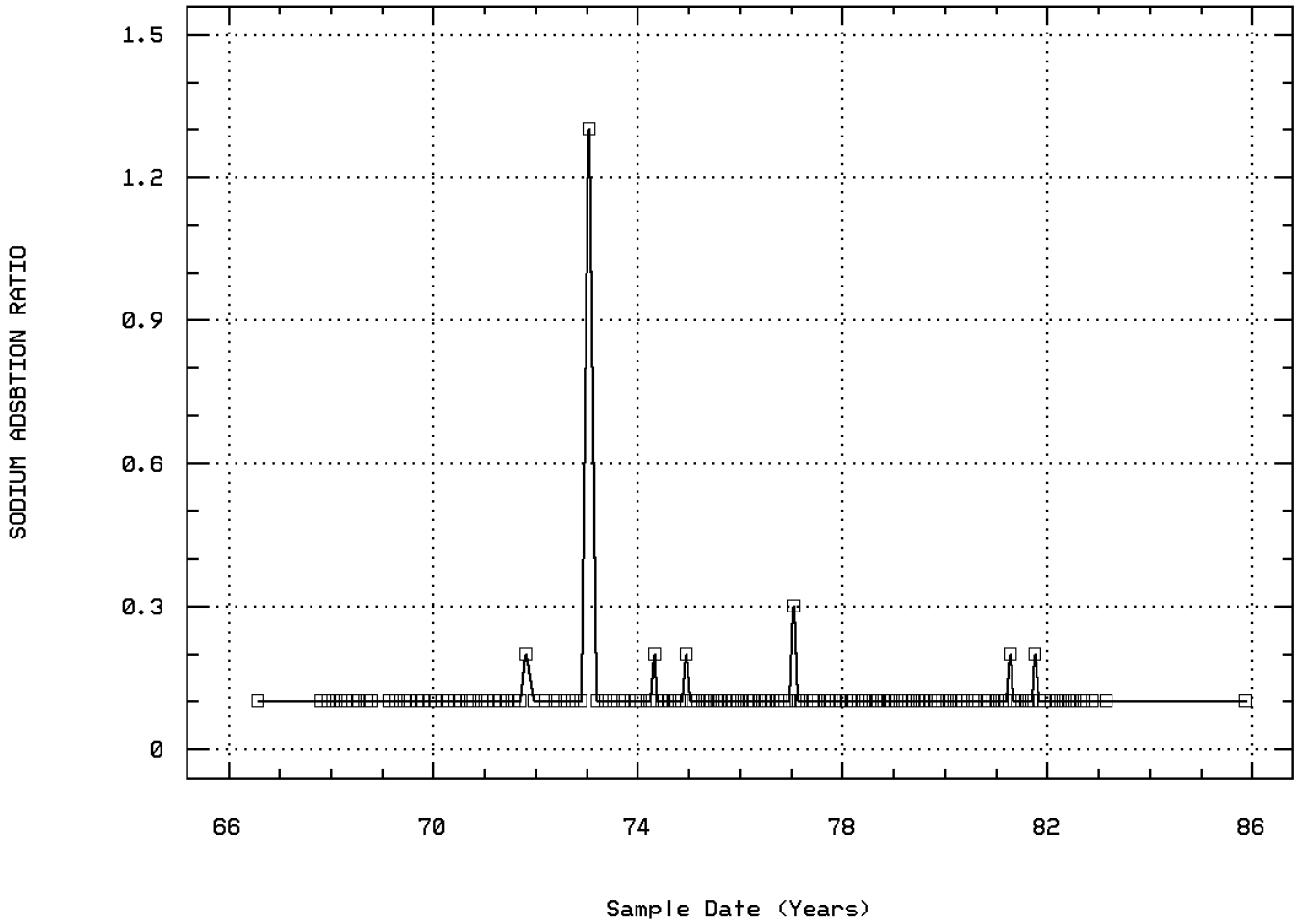
NORTH FORK QUINAULT R NEAR AMANDA PARK,



NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 00931

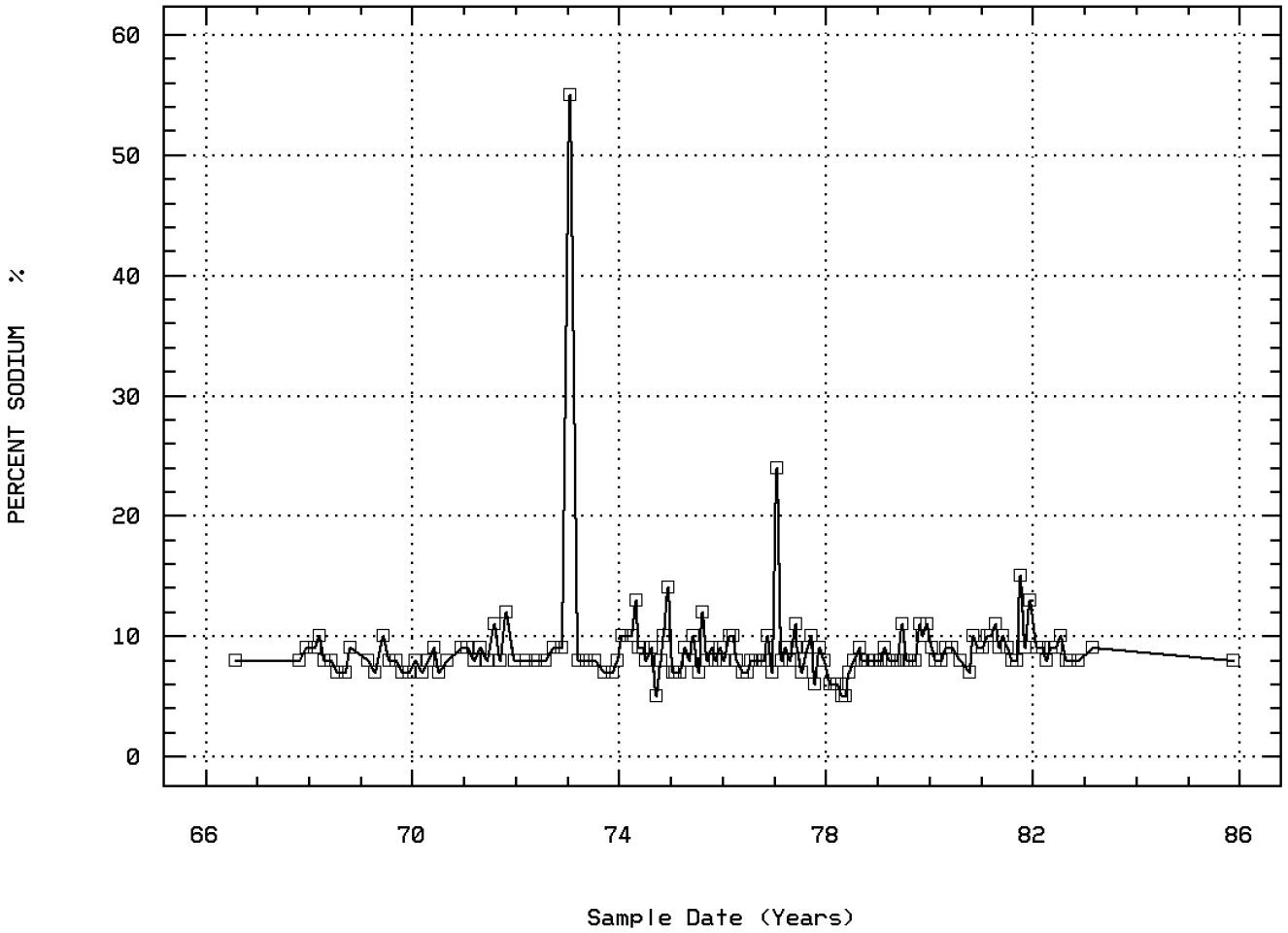
SODIUM ADSORPTION RATIO



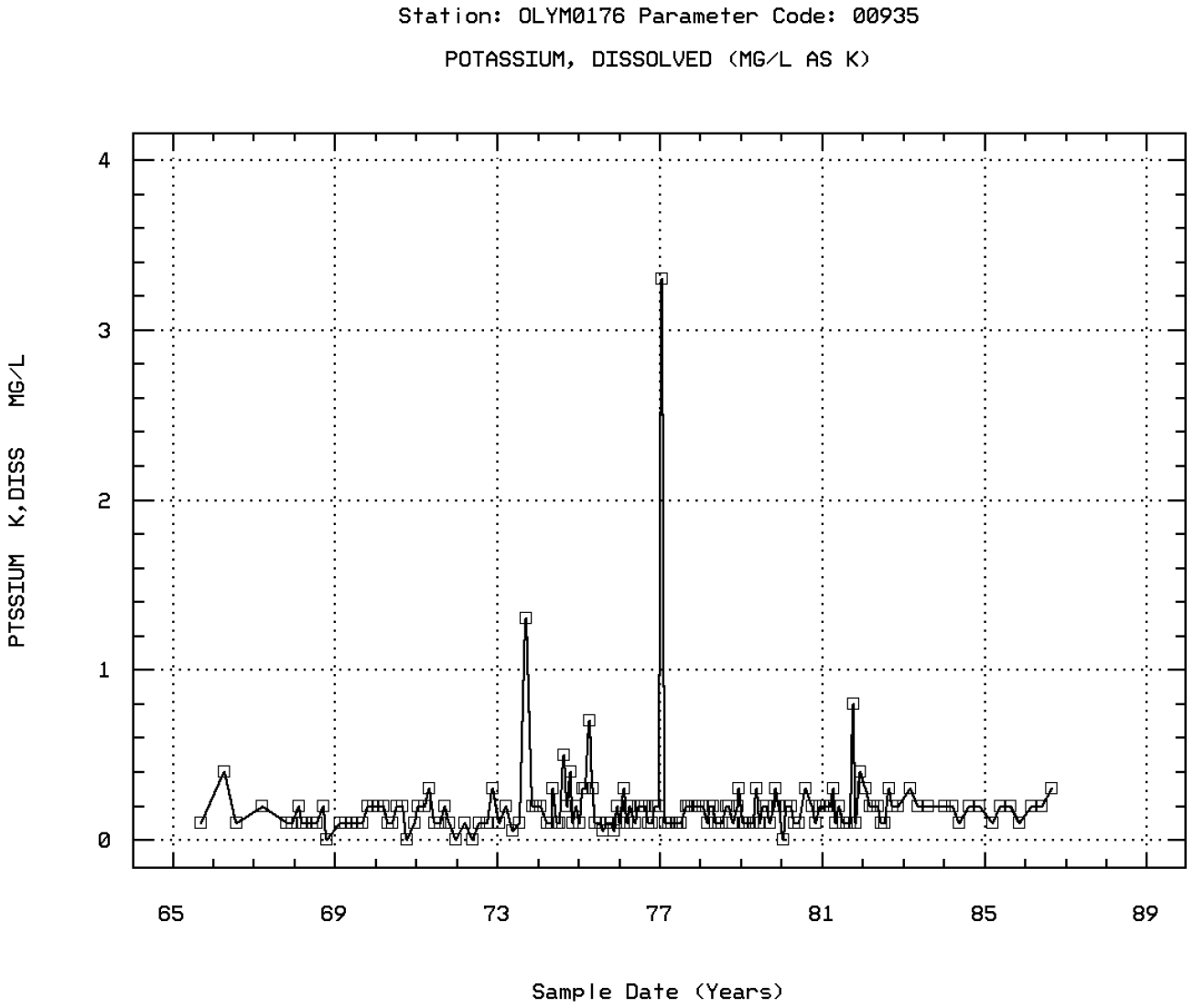
NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 00932

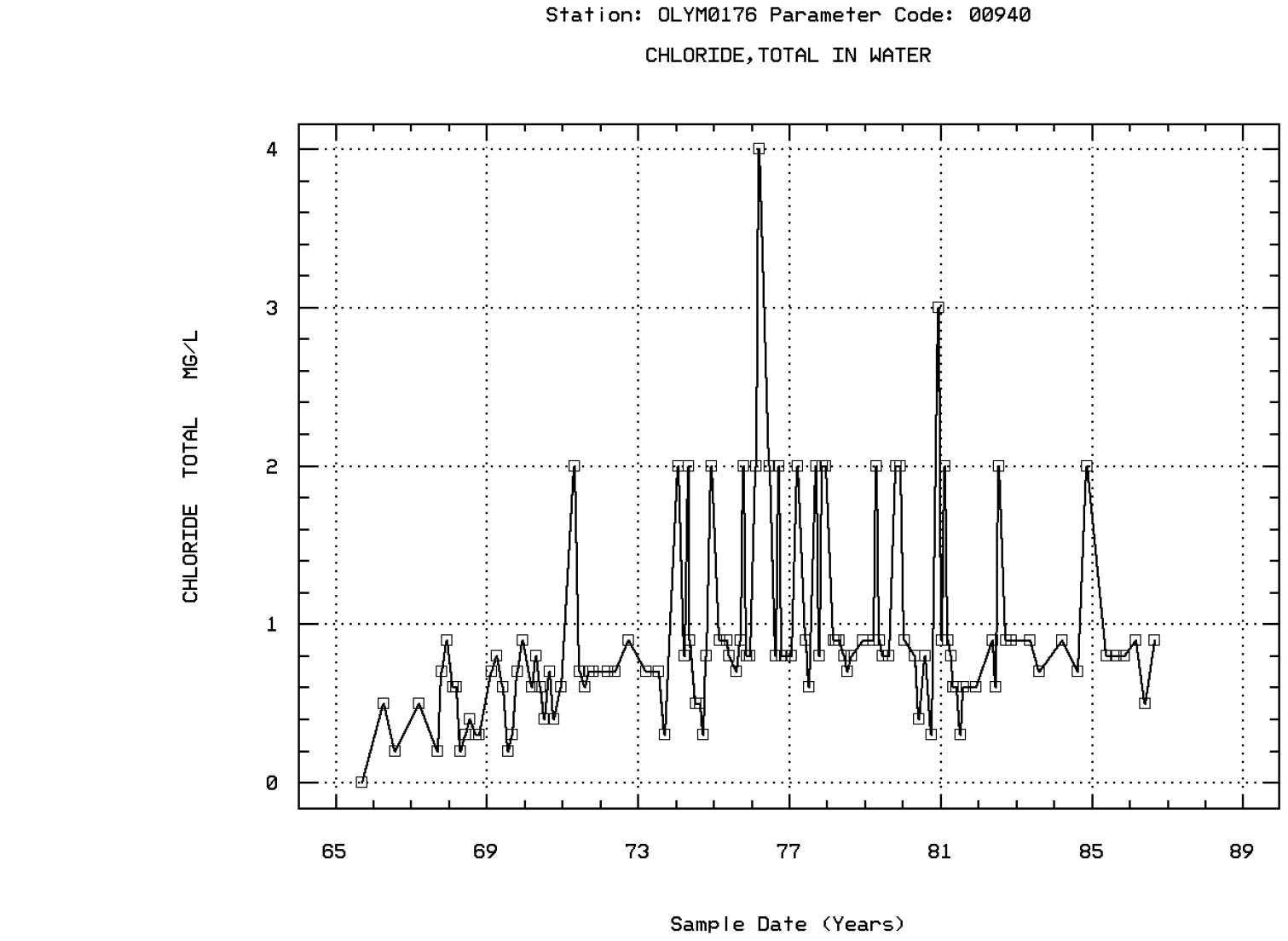
SODIUM, PERCENT



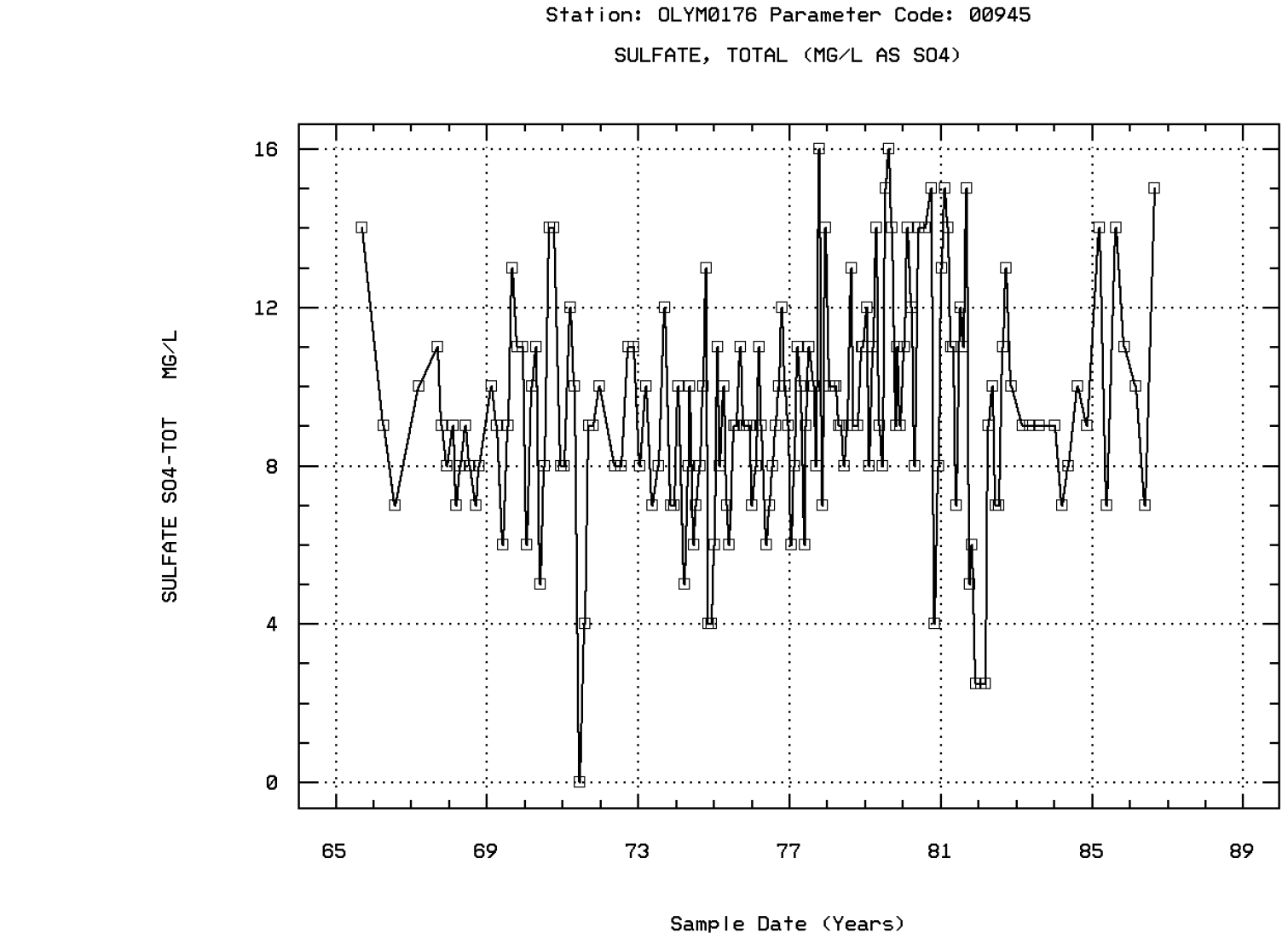
NORTH FORK QUINAULT R NEAR AMANDA PARK,



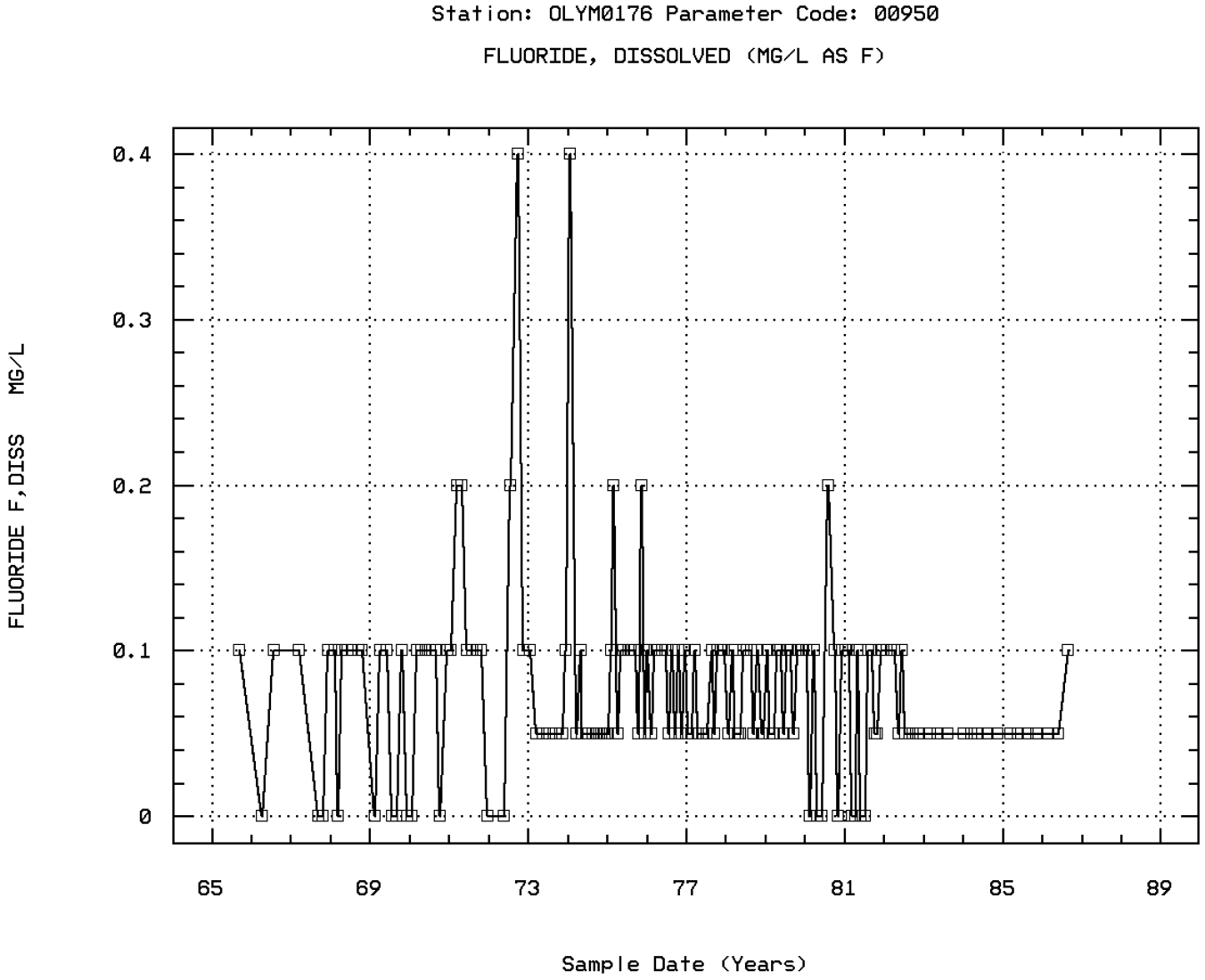
NORTH FORK QUINAULT R NEAR AMANDA PARK,



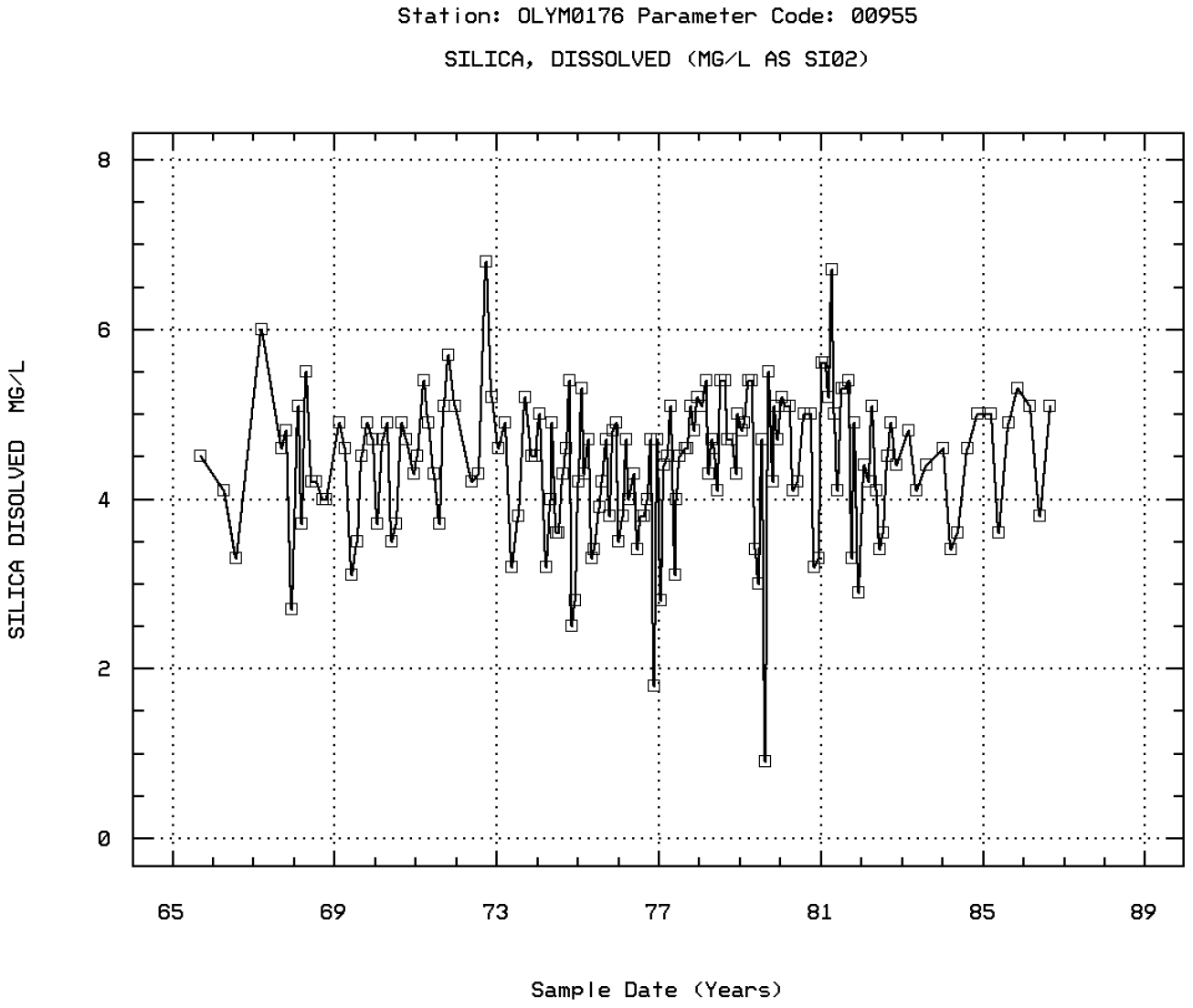
NORTH FORK QUINAULT R NEAR AMANDA PARK,



NORTH FORK QUINAULT R NEAR AMANDA PARK,



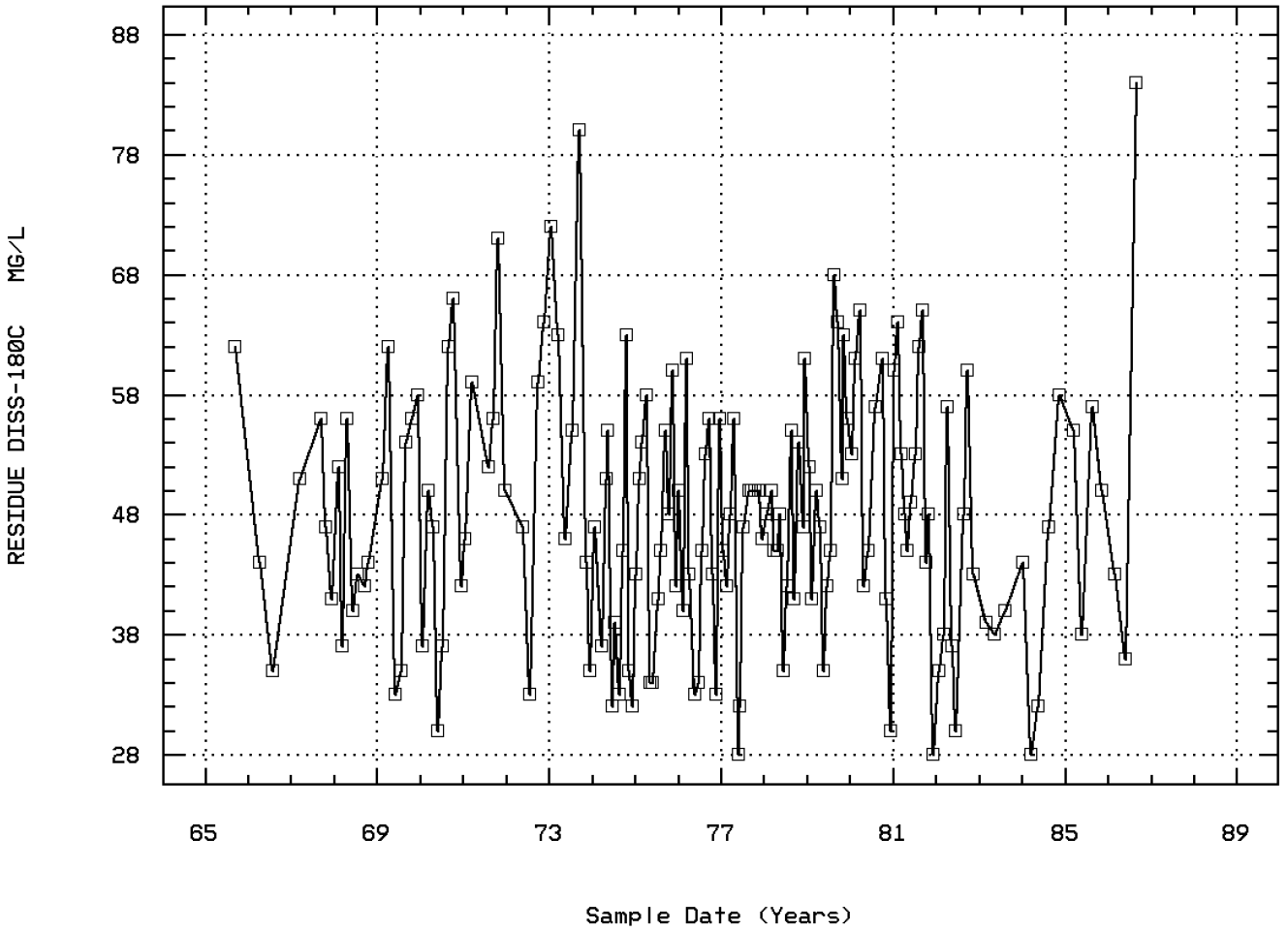
NORTH FORK QUINAULT R NEAR AMANDA PARK,



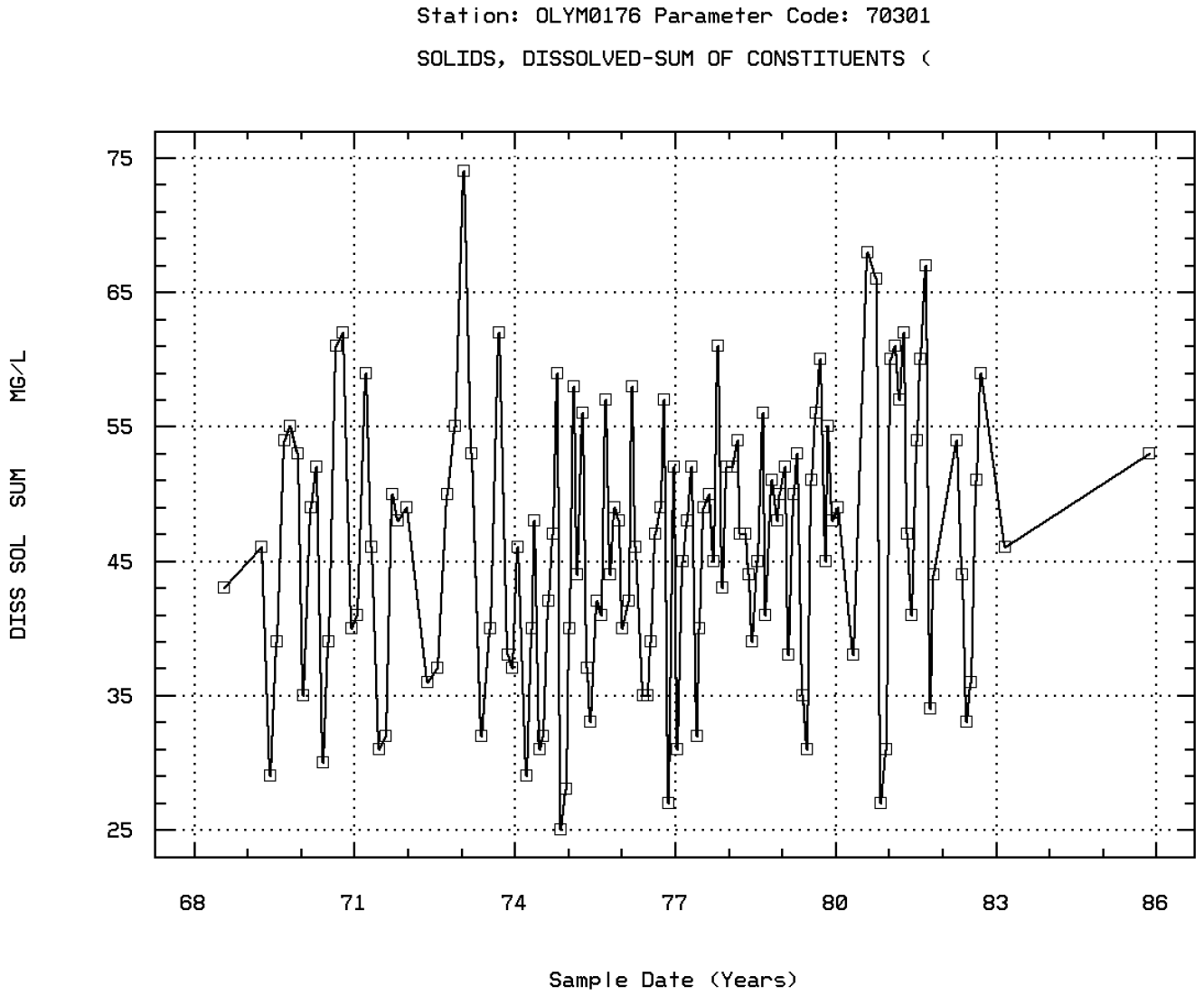
NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 70300

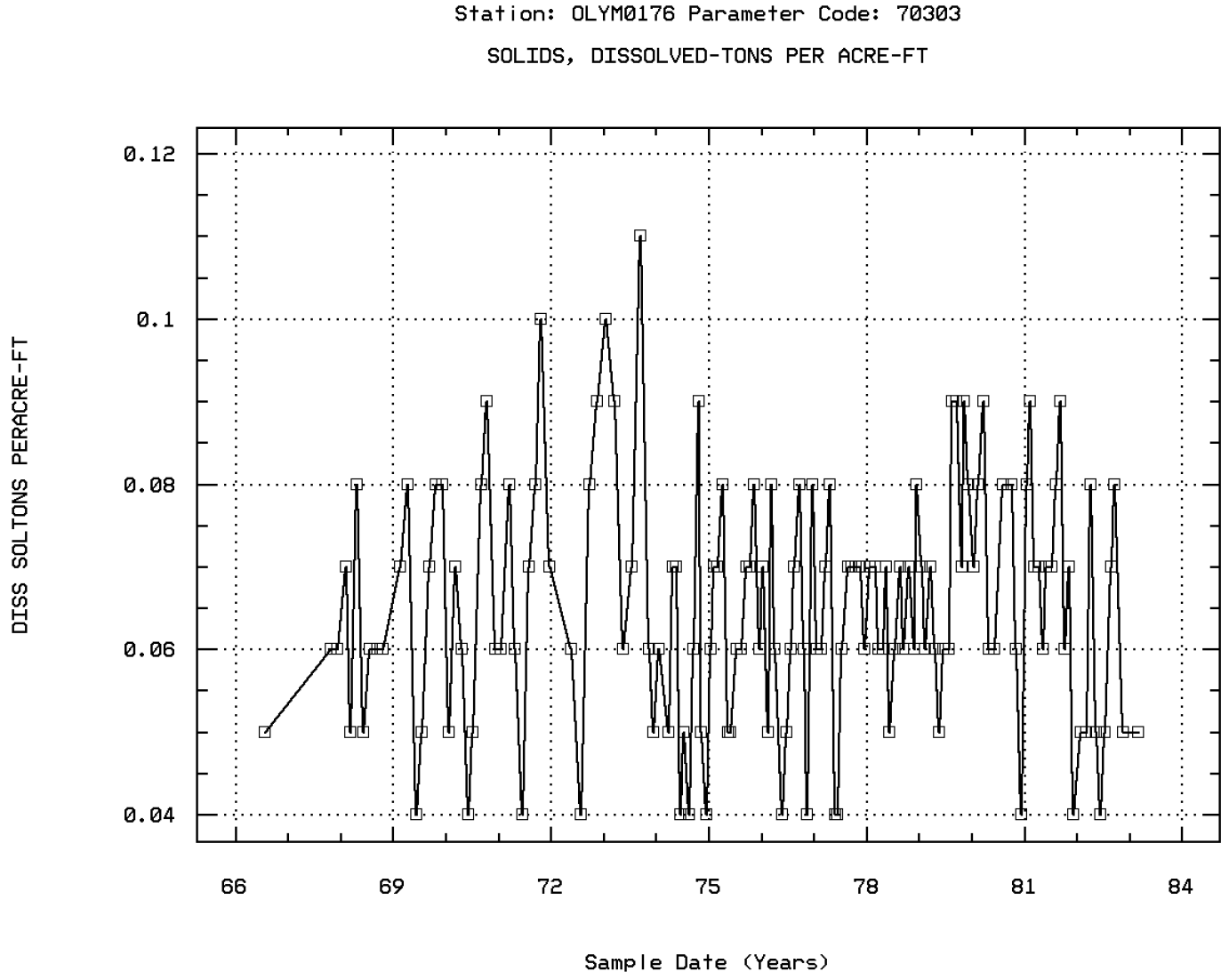
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



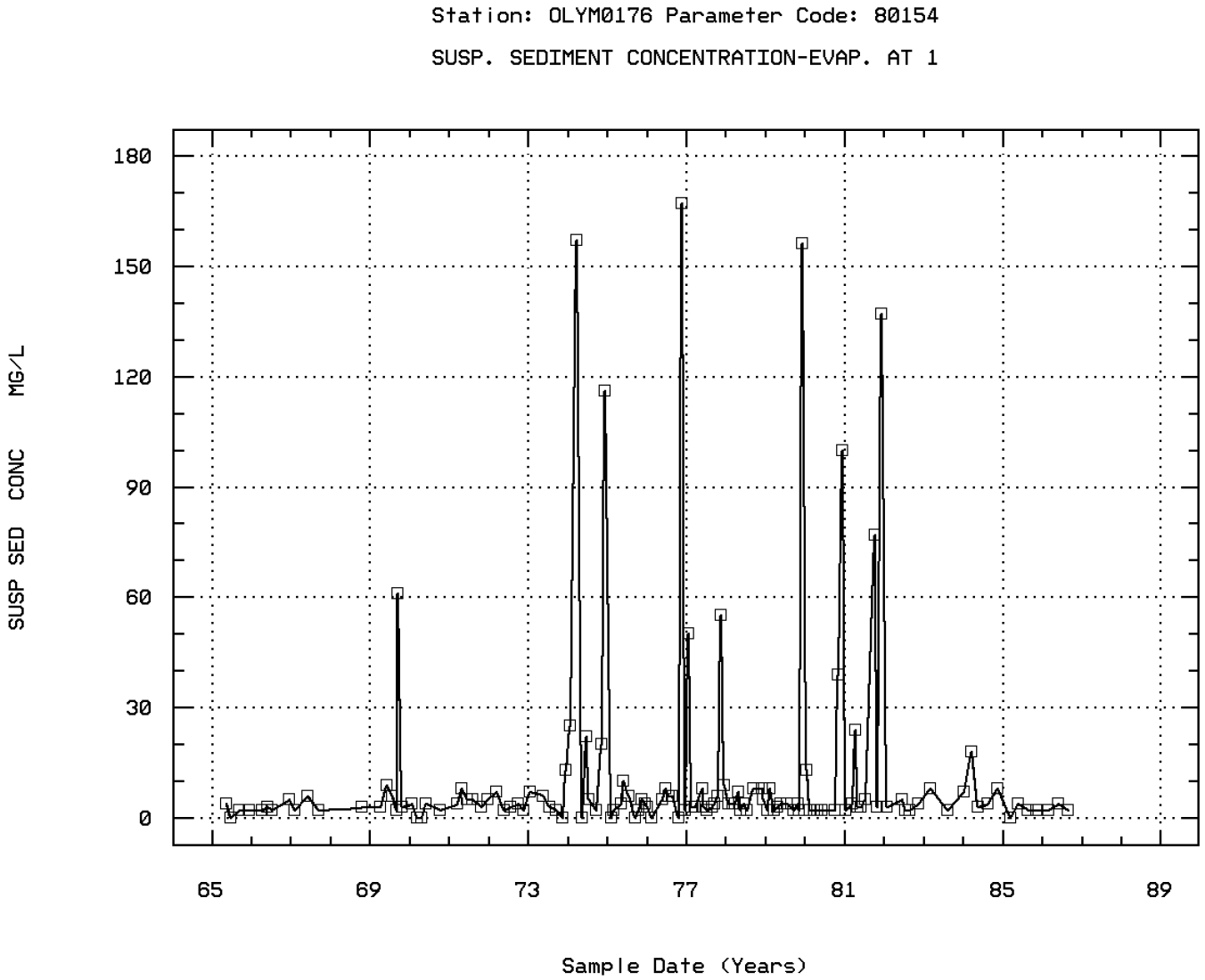
NORTH FORK QUINAULT R NEAR AMANDA PARK,



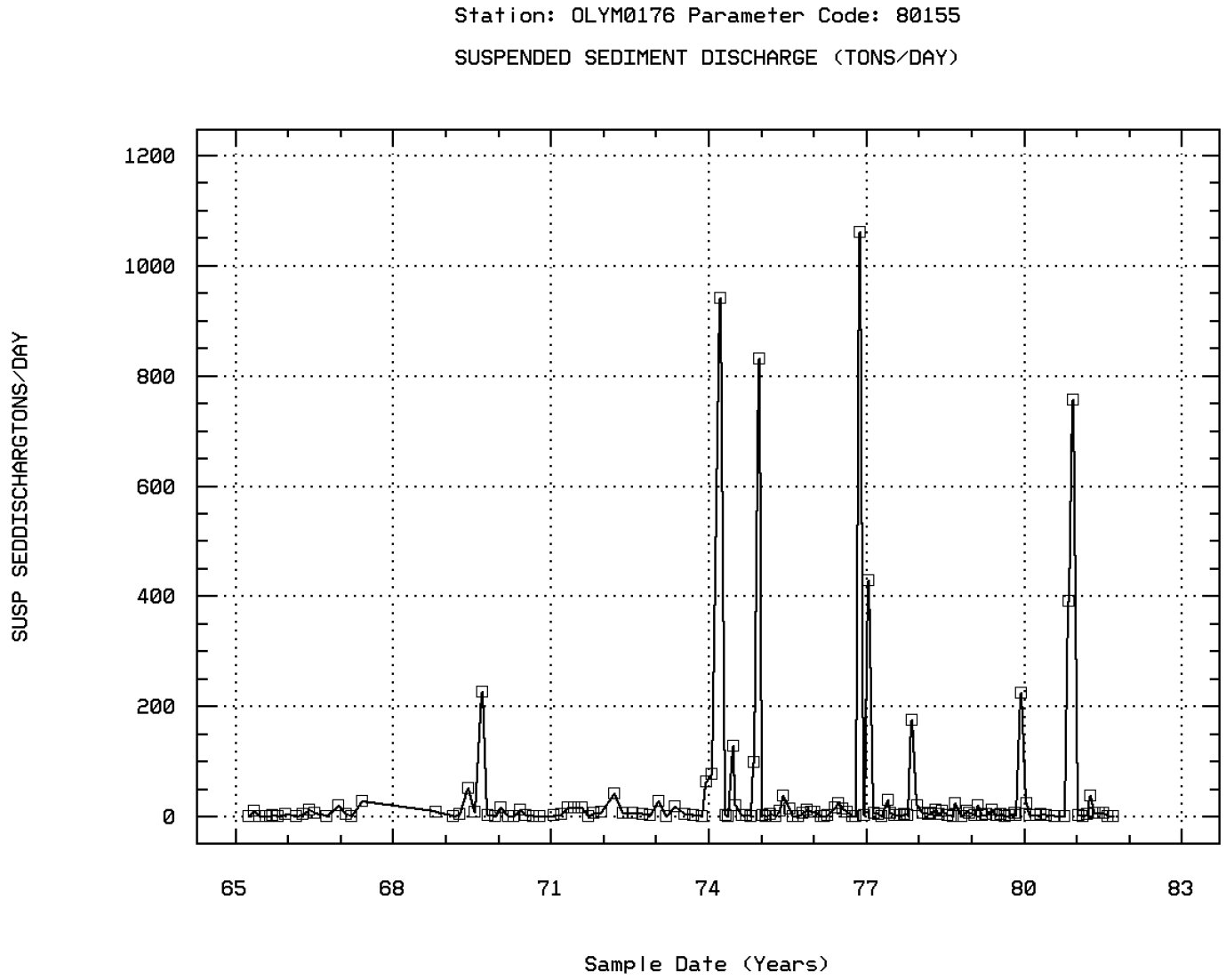
NORTH FORK QUINAULT R NEAR AMANDA PARK,



NORTH FORK QUINAULT R NEAR AMANDA PARK,



NORTH FORK QUINAULT R NEAR AMANDA PARK,



NORTH FORK QUINAULT R NEAR AMANDA PARK,

Annual Analysis for 1965 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	7	8.5	7.714	12.	3.5	9.155	3.026	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	7	303.	477.571	875.	252.	69552.286	263.728	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	1	62.	62.	62.	62.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	7	1.	1.571	4.	0.	1.619	1.272	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	7	0.82	2.343	9.4	0.	10.759	3.28	**	**	**	**

** - 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 1966 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	6	4.	5.583	9.5	3.	9.342	3.056	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	6	932.5	842.167	1420.	170.	275248.167	524.641	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	2	68.5	68.5	76.	61.	112.5	10.607	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	2	6.95	6.95	7.	6.9	0.005	0.071	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	2	6.947	6.947	7.	6.9	0.005	0.071	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	2	0.113	0.113	0.126	0.1	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	2	29.	29.	32.	26.	18.	4.243	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	2	29.5	29.5	33.	26.	24.5	4.95	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	2	10.75	10.75	12.	9.5	3.125	1.768	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	2	1.3	1.3	1.5	1.1	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-11/14/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	2	3.7	3.7	4.1	3.3	0.32	0.566	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	2	39.5	39.5	44.	35.	40.5	6.364	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	6	2.	2.333	5.	1.	2.267	1.506	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	6	5.05	6.885	19.	0.46	50.041	7.074	**	**	**	**

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

Annual Analysis for 1967 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	6	4.5	5.017	9.	3.	5.542	2.354	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	4	553.5	747.	1690.	191.	459536.667	677.891	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	4	78.5	78.25	88.	68.	104.25	10.21	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	2	13.15	13.15	13.4	12.9	0.125	0.354	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	4	7.5	7.5	7.7	7.3	0.027	0.163	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	4	7.5	7.477	7.7	7.3	0.027	0.165	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	4	0.032	0.033	0.05	0.02	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	4	28.5	28.75	33.	25.	12.25	3.5	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	4	34.5	34.75	40.	30.	18.25	4.272	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	4	35.5	35.	39.	30.	18.	4.243	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	4	6.	6.75	9.	6.	2.25	1.5	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	4	12.5	12.5	14.	11.	1.667	1.291	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	4	0.85	0.9	1.3	0.6	0.1	0.316	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	4	1.5	1.525	1.7	1.4	0.023	0.15	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-11/14/85	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	4	0.15	0.35	1.	0.1	0.19	0.436	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	4	0.6	0.575	0.9	0.2	0.089	0.299	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	4	9.5	9.5	11.	8.	1.667	1.291	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	4	0.05	0.05	0.1	0.	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	4	4.7	4.525	6.	2.7	1.863	1.365	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	4	49.	48.75	56.	41.	40.25	6.344	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	2	134.5	134.5	164.	105.	1740.5	41.719	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	4	2.	2.75	6.	1.	4.917	2.217	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	4	2.6	8.268	27.	0.87	158.33	12.583	**	**	**	**

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Annual Analysis for 1968 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	7	6.	5.857	9.	3.	4.476	2.116	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	1	911.	911.	911.	911.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	7	66.	69.429	83.	64.	50.619	7.115	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	6	12.	12.1	13.8	11.1	0.904	0.951	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	7	7.4	7.386	7.6	7.1	0.038	0.195	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	7	7.4	7.348	7.6	7.1	0.04	0.199	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	7	0.04	0.045	0.079	0.025	0.	0.021	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	7	25.	25.429	31.	23.	8.619	2.936	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	7	30.	31.	38.	28.	13.667	3.697	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	7	30.	31.143	38.	27.	15.143	3.891	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	7	6.	5.714	7.	4.	1.905	1.38	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	7	11.	11.414	14.	9.9	2.001	1.415	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	7	0.5	0.543	0.6	0.5	0.003	0.053	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	7	1.3	1.271	1.6	0.9	0.046	0.214	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-11/14/85	7	8.	8.286	10.	7.	1.238	1.113	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	7	0.1	0.114	0.2	0.	0.005	0.069	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	7	0.3	0.386	0.6	0.2	0.025	0.157	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	7	8.	8.	9.	7.	0.667	0.816	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	7	0.1	0.086	0.1	0.	0.001	0.038	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	7	4.2	4.386	5.5	3.7	0.431	0.657	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	3	10.	12.667	22.	6.	69.333	8.327	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	3	1.	1.04	1.342	0.778	0.081	0.284	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.97								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	7	43.	44.857	56.	37.	45.476	6.744	**	**	**	**

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Annual Analysis for 1968 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	1	43.	43.	43.	43.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	7	108.	97.6	137.	54.6	993.523	31.52	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	7	0.06	0.061	0.08	0.05	0.	0.011	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**

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Annual Analysis for 1969 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	8	6.25	6.763	10.5	3.5	8.428	2.903	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	8	451.5	723.	2100.	187.	443621.143	666.049	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	7	85.	78.429	93.	47.	291.286	17.067	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	7	12.1	12.	13.	10.9	0.677	0.823	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	7	7.3	7.329	7.5	7.2	0.012	0.111	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	7	7.3	7.317	7.5	7.2	0.013	0.112	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	7	0.05	0.048	0.063	0.032	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	7	30.	28.	34.	16.	40.333	6.351	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	7	36.	34.	41.	20.	56.	7.483	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	7	38.	35.714	44.	20.	68.238	8.261	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	7	9.	7.857	10.	4.	4.143	2.035	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	7	14.	13.057	16.	7.4	8.89	2.982	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	7	0.7	0.643	0.8	0.4	0.02	0.14	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	7	1.4	1.329	1.6	1.	0.046	0.214	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-11/14/85	7	8.	7.857	10.	7.	1.143	1.069	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	7	0.1	0.129	0.2	0.1	0.002	0.049	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	7	0.7	0.6	0.9	0.2	0.067	0.258	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	7	10.	9.857	13.	6.	4.81	2.193	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	7	0.	0.043	0.1	0.	0.003	0.053	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	7	4.6	4.314	4.9	3.1	0.515	0.717	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	7	7.	8.	18.	2.	26.667	5.164	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	7	0.845	0.822	1.255	0.301	0.09	0.3	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.637								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	7	54.	49.857	62.	33.	129.143	11.364	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	6	49.5	46.	55.	29.	106.4	10.315	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	7	52.6	77.714	212.	27.4	3930.195	62.691	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	7	0.07	0.067	0.08	0.04	0.	0.016	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	8	3.	10.75	61.	1.	419.643	20.485	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	8	3.65	36.984	226.	0.89	6120.273	78.232	**	**	**	**

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Annual Analysis for 1970 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	10	6.2	6.56	11.	2.8	9.516	3.085	2.85	3.975	10.025	11.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	8	474.5	625.5	1410.	130.	204748.857	452.492	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	8	77.	79.25	107.	53.	402.5	20.062	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	8	12.8	12.463	13.4	11.3	0.651	0.807	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	8	7.25	7.15	7.4	6.5	0.109	0.33	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	8	7.247	7.016	7.4	6.5	0.129	0.359	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	8	0.057	0.096	0.316	0.04	0.009	0.097	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	8	27.	27.625	36.	19.	39.125	6.255	**	**	**	**

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Annual Analysis for 1970 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	8	32.5	33.625	44.	23.	59.982	7.745	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	8	34.	35.	49.	23.	87.143	9.335	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	8	6.5	7.5	13.	4.	10.571	3.251	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	8	12.5	12.863	18.	8.5	12.008	3.465	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	8	0.65	0.625	0.8	0.4	0.022	0.149	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	8	1.35	1.4	1.9	1.	0.137	0.37	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	8	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-11/14/85	7	8.	8.	9.	7.	0.667	0.816	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	8	0.15	0.138	0.2	0.	0.006	0.074	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	8	0.6	0.638	1.	0.4	0.04	0.2	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	8	9.	9.5	14.	5.	11.429	3.381	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	8	0.1	0.075	0.1	0.	0.002	0.046	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	8	4.5	4.3	4.9	3.5	0.343	0.586	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	8	1.5	4.125	20.	0.	46.125	6.792	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	8	0.239	0.397	1.301	0.	0.234	0.484	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.495								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	8	44.5	46.375	66.	30.	157.982	12.569	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	8	44.5	46.	62.	30.	141.143	11.88	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	8	56.7	68.325	144.	23.1	1773.396	42.112	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	8	0.06	0.063	0.09	0.04	0.	0.017	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	7	1.	1.714	4.	0.	2.905	1.704	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	7	0.78	4.061	15.	0.	38.826	6.231	**	**	**	**

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Annual Analysis for 1971 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	15	4.2	4.667	9.7	2.3	6.427	2.535	2.3	2.6	5.	9.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	10	680.	708.3	1150.	326.	91981.122	303.284	326.8	477.25	1055.	1148.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	8	75.5	73.375	87.	53.	151.696	12.317	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	3	13.	12.867	13.7	11.9	0.823	0.907	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	8	7.6	7.538	8.	7.1	0.088	0.297	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	8	7.589	7.45	8.	7.1	0.097	0.312	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	8	0.026	0.035	0.079	0.01	0.001	0.024	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	8	27.5	27.875	35.	21.	26.125	5.111	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	8	34.	34.25	43.	26.	40.786	6.386	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	4	0.01	0.018	0.04	0.01	0.	0.015	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	8	32.	32.25	46.	22.	46.5	6.819	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	8	4.5	4.375	11.	0.	13.982	3.739	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	8	12.	11.675	14.	8.4	3.302	1.817	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	8	0.6	0.788	2.7	0.2	0.644	0.803	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	8	1.4	1.5	2.	1.2	0.071	0.267	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	8	0.1	0.113	0.2	0.1	0.001	0.035	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-11/14/85	8	8.5	9.125	12.	8.	2.411	1.553	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	8	0.15	0.15	0.3	0.	0.009	0.093	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	8	0.85	0.962	2.	0.6	0.203	0.45	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	8	9.	7.75	12.	0.	15.071	3.882	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	8	0.1	0.113	0.2	0.	0.004	0.064	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	8	5.	4.838	5.7	3.7	0.414	0.644	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	7	7.	10.857	20.	2.	75.476	8.688	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	7	0.845	0.875	1.301	0.301	0.185	0.43	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.507								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	6	54.	55.667	71.	46.	77.067	8.779	**	**	**	**

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Annual Analysis for 1971 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	8	47.	44.5	59.	31.	89.429	9.457	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	7	97.9	103.914	159.	53.2	1378.995	37.135	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	8	0.07	0.07	0.1	0.04	0.	0.018	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	9	5.	4.111	8.	1.	4.861	2.205	1.	2.	5.	8.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	9	7.1	9.098	16.	0.88	39.914	6.318	0.88	3.2	15.5	16.

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Annual Analysis for 1972 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	9	5.4	4.756	7.5	0.4	6.953	2.637	0.4	2.6	6.6	7.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	9	802.	971.889	2160.	324.	422754.611	650.196	324.	399.	1450.	2160.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	5	64.	70.2	90.	57.	183.2	13.535	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	5	12.5	12.72	14.1	11.9	0.672	0.82	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	5	7.6	7.38	8.	6.2	0.482	0.694	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	5	7.6	6.838	8.	6.2	0.849	0.921	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	5	0.025	0.145	0.631	0.01	0.074	0.272	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	3	2.2	14.433	40.	1.1	490.543	22.148	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	5	23.	25.2	33.	21.	27.2	5.215	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	5	28.	30.8	40.	26.	37.2	6.099	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	3	0.04	0.043	0.07	0.02	0.001	0.025	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	4	0.03	0.033	0.06	0.01	0.	0.022	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	5	26.	29.4	40.	24.	44.8	6.693	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	5	4.	4.4	8.	1.	6.3	2.51	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	5	9.9	11.02	15.	8.9	6.377	2.525	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	5	0.4	0.48	0.7	0.4	0.017	0.13	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	5	1.	1.24	1.8	0.9	0.153	0.391	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	5	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-11/14/85	5	8.	8.4	9.	8.	0.3	0.548	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	5	0.1	0.12	0.3	0.	0.012	0.11	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	5	0.9	0.86	1.	0.7	0.023	0.152	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	4	9.5	9.5	11.	8.	3.	1.732	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	4	0.15	0.175	0.4	0.	0.029	0.171	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	4	4.75	5.125	6.8	4.2	1.449	1.204	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	5	2.	3.6	13.	0.	29.3	5.413	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	5	0.301	0.378	1.114	0.	0.211	0.459	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.39								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	4	53.	50.75	64.	33.	190.917	13.817	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	4	43.5	44.5	55.	36.	89.667	9.469	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	4	68.4	79.45	125.	56.	962.71	31.028	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	4	0.07	0.068	0.09	0.04	0.	0.022	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	5	3.	3.6	7.	2.	4.3	2.074	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	5	5.5	11.74	41.	1.7	270.583	16.449	**	**	**	**

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Annual Analysis for 1973 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	7	4.5	6.129	10.2	3.8	7.932	2.816	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	7	1120.	977.571	1800.	219.	347202.619	589.239	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	7	69.	79.	115.	53.	517.	22.738	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	6	12.2	11.883	12.8	10.8	0.77	0.877	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	7	6.8	7.071	7.6	6.8	0.122	0.35	**	**	**	**

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Annual Analysis for 1973 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	7	6.8	6.971	7.6	6.8	0.134	0.366	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	7	0.158	0.107	0.158	0.025	0.004	0.065	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	7	5.6	7.086	18.	1.	37.775	6.146	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	7	26.	31.429	58.	18.	195.952	13.998	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	7	32.	36.143	54.	22.	150.81	12.28	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	5	0.02	0.025	0.06	0.005	0.	0.022	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	7	27.	30.	45.	22.	65.	8.062	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	7	4.	2.857	5.	0.	4.143	2.035	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	7	10.	11.229	17.	8.2	9.672	3.11	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	7	0.4	0.471	0.7	0.4	0.016	0.125	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	7	1.1	3.171	15.	0.9	27.312	5.226	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	7	0.1	0.271	1.3	0.1	0.206	0.454	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-11/14/85	7	8.	14.429	55.	7.	320.286	17.897	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	7	0.2	0.307	1.3	0.05	0.195	0.442	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	7	1.	0.814	1.	0.3	0.071	0.267	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	7	8.	8.429	12.	7.	3.619	1.902	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	7 ##	0.05	0.064	0.1	0.05	0.001	0.024	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	7	4.5	4.386	5.2	3.2	0.458	0.677	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	5	18.	31.4	102.	2.	1694.8	41.168	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	5	1.255	1.132	2.009	0.301	0.471	0.686	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.541								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	7	55.	56.429	80.	35.	260.952	16.154	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	7	40.	48.	74.	32.	239.667	15.481	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	7	139.	134.786	282.	47.3	6299.835	79.371	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	7	0.07	0.077	0.11	0.05	0.001	0.023	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	7	3.	4.571	13.	0.	20.286	4.504	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	7	4.6	16.414	63.	0.	526.635	22.949	**	**	**	**

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Annual Analysis for 1974 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	11	5.8	5.945	10.2	3.6	4.415	2.101	3.6	4.2	7.6	9.84
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	11	1140.	1262.909	2650.	126.	733882.891	856.67	154.4	538.	2140.	2564.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	11	66.	67.364	108.	47.	352.255	18.768	47.2	51.	80.	103.4
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	11	11.9	12.164	15.2	10.6	1.397	1.182	10.74	11.5	12.6	14.7
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	11	7.4	7.3	7.8	6.7	0.132	0.363	6.72	7.	7.6	7.76
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	11	7.4	7.159	7.8	6.7	0.154	0.392	6.72	7.	7.6	7.76
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	11	0.04	0.069	0.2	0.016	0.004	0.061	0.018	0.025	0.1	0.191
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	11	1.8	2.773	7.1	1.	4.936	2.222	1.02	1.2	3.9	7.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	11	23.	22.909	35.	16.	38.091	6.172	16.	17.	28.	33.8
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	11	28.	27.909	43.	19.	59.091	7.687	19.	21.	34.	41.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	10	0.03	0.039	0.11	0.01	0.001	0.029	0.011	0.02	0.053	0.105
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	10	0.02	0.026	0.07	0.01	0.	0.021	0.01	0.01	0.035	0.068
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	11	26.	28.	43.	17.	66.	8.124	17.8	21.	35.	42.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	11	5.	5.	10.	1.	6.	2.449	1.4	3.	6.	9.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	11	9.4	10.164	16.	6.8	8.447	2.906	6.92	7.8	13.	15.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	11	0.5	0.614	1.4	0.05	0.111	0.333	0.12	0.5	0.8	1.28
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	11	1.5	1.336	1.8	0.9	0.129	0.359	0.9	1.	1.6	1.8
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	11	0.1	0.118	0.2	0.1	0.002	0.04	0.1	0.1	0.1	0.2
00932	SODIUM, PERCENT	07/29/66-11/14/85	11	9.	9.545	14.	5.	5.873	2.423	5.6	8.	10.	13.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	11	0.2	0.209	0.5	0.1	0.019	0.138	0.1	0.1	0.3	0.48
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	11	0.9	1.073	2.	0.3	0.402	0.634	0.34	0.5	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	11	8.	7.727	13.	4.	8.218	2.867	4.	5.	10.	12.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	11 ##	0.05	0.086	0.4	0.05	0.011	0.105	0.05	0.05	0.05	0.34

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Annual Analysis for 1974 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	11	4.	3.991	5.4	2.5	0.887	0.942	2.56	3.2	4.9	5.32
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	11	33.	37.682	96.	0.5	884.314	29.737	0.8	3.	62.	90.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	11	1.519	1.262	1.982	-0.301	0.557	0.746	-0.181	0.477	1.792	1.951
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.3								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	11	39.	42.636	63.	32.	108.455	10.414	32.	33.	51.	61.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	11	40.	38.818	59.	25.	113.364	10.647	25.6	29.	47.	56.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	11	145.	129.491	229.	21.4	5389.613	73.414	23.64	50.5	185.	227.6
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	11	0.05	0.056	0.09	0.04	0.	0.016	0.04	0.04	0.07	0.086
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	11	5.	31.818	157.	0.	2850.964	53.394	0.2	1.	25.	148.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	11	20.	190.804	941.	0.	120598.778	347.273	0.068	1.4	127.	918.8

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Annual Analysis for 1975 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	12	4.45	5.342	12.8	1.2	11.012	3.318	1.53	3.05	7.925	11.63
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	12	757.5	703.083	1390.	220.	141872.447	376.66	226.	300.	901.25	1327.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	12	74.	73.083	92.	51.	168.629	12.986	52.8	63.5	84.5	92.
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	12	12.45	12.242	13.7	10.2	0.954	0.977	10.5	11.4	12.875	13.52
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	11	7.2	7.245	7.6	6.8	0.053	0.23	6.84	7.1	7.4	7.58
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	11	7.2	7.188	7.6	6.8	0.056	0.237	6.84	7.1	7.4	7.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	11	0.063	0.065	0.158	0.025	0.001	0.038	0.026	0.04	0.079	0.147
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	11	2.5	3.482	10.	1.7	6.464	2.542	1.7	1.8	3.7	9.24
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	12	26.	26.917	34.	20.	25.356	5.035	20.3	21.75	31.5	34.
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	12	32.	32.75	42.	24.	37.841	6.151	24.3	26.75	38.25	41.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	12	0.03	0.03	0.06	0.01	0.	0.015	0.01	0.02	0.038	0.057
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	12	0.01	0.011	0.03	0.005	0.	0.006	0.005	0.01	0.01	0.026
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	12	35.	35.5	47.	25.	44.273	6.654	26.5	30.	41.25	46.1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	12	9.	8.583	18.	3.	19.902	4.461	3.3	5.	10.	17.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	12	13.	13.142	18.	8.7	7.841	2.8	9.39	11.	15.5	17.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	12	0.65	0.642	0.9	0.4	0.026	0.162	0.43	0.5	0.8	0.87
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	12	1.4	1.467	2.	1.1	0.079	0.281	1.13	1.225	1.7	1.94
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	12	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	07/29/66-11/14/85	12	8.	8.417	12.	7.	2.265	1.505	7.	7.	9.	11.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	12	0.1	0.2	0.7	0.05	0.034	0.185	0.05	0.1	0.3	0.58
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	12	0.9	0.983	2.	0.7	0.112	0.335	0.73	0.8	1.	1.7
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	12	9.	8.667	11.	6.	2.788	1.67	6.	7.25	9.75	11.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	12	0.1	0.1	0.2	0.05	0.003	0.052	0.05	0.05	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	12	4.25	4.292	5.3	3.3	0.379	0.616	3.33	3.825	4.775	5.18
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	12	4.5	13.917	64.	0.5	439.492	20.964	0.5	1.	24.25	58.3
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	12	0.651	0.645	1.806	-0.301	0.525	0.724	-0.301	0.	1.319	1.76
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.412								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	12	46.5	47.083	60.	34.	76.265	8.733	34.	41.25	54.75	59.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	12	44.	45.75	58.	33.	64.75	8.047	34.2	40.25	54.25	57.7
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	12	86.4	85.167	153.	34.5	1806.246	42.5	34.8	37.85	122.25	150.9
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	12	0.065	0.065	0.08	0.05	0.	0.01	0.05	0.06	0.07	0.08
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	12	2.	3.	10.	0.	8.727	2.954	0.	1.	4.75	8.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	12	5.15	7.79	38.	0.	112.083	10.587	0.	0.64	11.4	30.5

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Annual Analysis for 1976 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	11	4.6	5.018	9.6	2.7	4.848	2.202	2.72	3.3	6.2	9.28
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	12	606.	752.917	2340.	135.	368473.174	607.02	165.6	288.5	1082.5	1980.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	12	59.	63.167	90.	37.	329.97	18.165	37.	54.	81.75	90.
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	12	12.45	12.35	13.3	11.1	0.501	0.708	11.16	11.75	12.875	13.27
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	12	7.05	7.033	7.3	6.6	0.042	0.206	6.66	6.9	7.2	7.27
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	12	7.047	6.985	7.3	6.6	0.045	0.212	6.66	6.9	7.2	7.27
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	12	0.09	0.104	0.251	0.05	0.003	0.057	0.054	0.063	0.126	0.223
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	12	4.8	4.983	10.	1.2	5.643	2.376	1.71	3.05	6.5	9.13
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	12	26.	25.75	35.	10.	45.477	6.744	13.3	21.5	31.5	34.4
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	12	31.5	31.167	43.	12.	69.606	8.343	15.9	25.75	38.25	42.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	12	0.015	0.024	0.05	0.01	0.	0.018	0.01	0.01	0.048	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	12 ##	0.005	0.017	0.12	0.005	0.001	0.033	0.005	0.005	0.01	0.09
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	12	34.	33.083	43.	18.	58.992	7.681	19.8	27.5	40.	42.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	12	8.	7.75	10.	4.	2.75	1.658	4.6	7.	9.	9.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	12	12.	12.167	16.	6.7	7.732	2.781	7.48	10.25	14.75	15.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	12	0.65	0.658	1.1	0.3	0.072	0.268	0.3	0.425	0.875	1.07
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	12	1.45	1.383	2.2	0.9	0.151	0.388	0.9	1.025	1.575	2.08
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	12	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	07/29/66-11/14/85	12	8.	8.25	10.	7.	1.295	1.138	7.	7.25	9.5	10.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	12	0.2	0.167	0.3	0.1	0.004	0.065	0.1	0.1	0.2	0.27
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	12	1.	1.45	4.	0.8	0.881	0.939	0.8	0.85	2.	3.4
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	12	9.	8.833	12.	6.	3.061	1.749	6.3	7.25	10.	11.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	12	0.1	0.083	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	12	3.9	3.875	4.7	1.8	0.631	0.794	2.28	3.575	4.6	4.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	11	4.	6.864	18.	0.5	46.255	6.801	0.5	0.5	13.	17.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	11	0.602	0.484	1.255	-0.301	0.442	0.665	-0.301	-0.301	1.114	1.239
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.048								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	3	1.	20.	58.	1.	1083.	32.909	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	3	0.	0.588	1.763	0.	1.037	1.018	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			3.871								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	2	77.5	77.5	92.	63.	420.5	20.506	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	2	1.882	1.882	1.964	1.799	0.014	0.116	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			76.131								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	12	44.	45.583	61.	33.	93.174	9.653	33.	35.5	55.25	59.5
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	12	44.	43.917	58.	27.	87.538	9.356	29.4	36.	51.25	57.7
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	12	73.65	82.608	208.	15.7	2625.554	51.24	21.73	43.625	103.5	183.7
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	12	0.06	0.062	0.08	0.04	0.	0.015	0.04	0.05	0.078	0.08
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	12	2.5	16.667	167.	0.	2248.424	47.418	0.	1.	6.	119.3
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	12	4.85	94.318	1060.	0.	92540.151	304.204	0.	0.648	14.5	749.2

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Annual Analysis for 1977 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	12	5.25	6.083	11.	3.3	6.398	2.529	3.33	4.05	8.1	10.61
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	12	549.5	831.167	3170.	185.	683996.333	827.041	193.4	325.5	1094.	2627.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	12	76.	71.417	100.	39.	290.265	17.037	42.	56.	81.5	95.2
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	11	12.3	12.073	13.7	10.4	0.86	0.927	10.56	11.4	12.8	13.52
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	12	7.2	7.142	7.6	6.9	0.046	0.215	6.9	6.925	7.2	7.54
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	12	7.2	7.098	7.6	6.9	0.048	0.22	6.9	6.925	7.2	7.54
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	12	0.063	0.08	0.126	0.025	0.001	0.035	0.03	0.063	0.119	0.126
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	12	3.35	3.883	7.5	1.2	4.016	2.004	1.41	2.125	5.475	7.17
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	12	25.5	24.75	31.	16.	20.932	4.575	16.6	21.75	28.5	30.7
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	12	31.	30.083	38.	19.	33.356	5.775	19.9	26.	34.5	37.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	12	0.035	0.038	0.08	0.01	0.	0.02	0.013	0.02	0.05	0.074
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	12	0.01	0.044	0.29	0.005	0.006	0.08	0.007	0.01	0.04	0.224

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Annual Analysis for 1977 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	12	35.5	34.667	48.	15.	71.333	8.446	17.7	32.25	39.75	45.6
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	12	10.	9.917	17.	0.	20.992	4.582	1.8	7.25	13.5	16.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	12	13.	12.733	18.	5.	10.708	3.272	6.14	12.	14.75	17.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	12	0.6	0.65	1.	0.4	0.037	0.193	0.43	0.5	0.85	0.97
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	12	1.5	1.6	2.7	1.3	0.147	0.384	1.3	1.4	1.75	2.43
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	12	0.1	0.117	0.3	0.1	0.003	0.058	0.1	0.1	0.1	0.24
00932	SODIUM, PERCENT	07/29/66-11/14/85	12	9.	9.833	24.	6.	21.606	4.648	6.3	8.	9.75	20.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	12	0.15	0.408	3.3	0.1	0.832	0.912	0.1	0.1	0.2	2.37
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	12	1.	1.258	2.	0.6	0.314	0.56	0.66	0.825	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	12	9.5	9.667	16.	6.	9.333	3.055	6.	7.25	11.	15.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	12 ##	0.05	0.071	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	12	4.55	4.392	5.2	2.8	0.572	0.756	2.89	4.1	5.025	5.17
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	11	20.	132.182	1200.	6.	125866.564	354.777	6.4	10.	64.	973.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	11	1.301	1.437	3.079	0.778	0.407	0.638	0.803	1.	1.806	2.829
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27.376								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	11	3.	3.364	13.	0.5	13.755	3.709	0.5	0.5	5.	11.4
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	11	0.477	0.272	1.114	-0.301	0.272	0.522	-0.301	-0.301	0.699	1.031
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.87								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	11	9.	40.182	180.	1.	3528.564	59.402	1.4	6.	100.	164.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	11	0.954	1.136	2.255	0.	0.478	0.691	0.095	0.778	2.	2.204
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			13.673								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	12	47.5	45.333	56.	28.	63.697	7.981	29.2	42.75	50.	54.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	12	46.5	45.667	61.	31.	72.061	8.489	31.3	40.75	51.5	58.3
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	12	67.15	96.492	385.	25.	9648.404	98.226	26.14	43.3	103.75	316.9
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	12	0.065	0.063	0.08	0.04	0.	0.012	0.04	0.06	0.07	0.077
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	12	3.5	12.25	55.	1.	360.205	18.979	1.3	3.	8.75	53.5
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	12	5.1	56.574	428.	0.89	16038.327	126.643	1.133	2.025	26.75	351.8

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Annual Analysis for 1978 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	12	6.35	6.883	12.2	3.2	9.665	3.109	3.26	4.	9.9	11.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	12	452.5	529.	1100.	185.	64889.636	254.734	213.5	349.	674.	1019.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	12	76.5	74.333	87.	56.	115.879	10.765	57.5	63.25	85.5	87.
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	12	11.85	11.95	13.7	10.8	0.735	0.858	10.8	11.275	12.6	13.4
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	12	7.45	7.417	7.8	7.	0.063	0.252	7.03	7.15	7.6	7.77
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	12	7.447	7.348	7.8	7.	0.068	0.262	7.03	7.15	7.6	7.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	12	0.036	0.045	0.1	0.016	0.001	0.027	0.017	0.025	0.072	0.094
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	5	1.9	2.28	4.2	1.2	1.557	1.248	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	12	27.	27.	31.	22.	8.	2.828	22.3	25.	29.75	30.7
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	5	33.	34.	38.	31.	7.	2.646	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	12	0.025	0.059	0.4	0.01	0.012	0.108	0.01	0.02	0.048	0.295
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	12	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	12	37.	37.333	45.	30.	24.788	4.979	30.	34.25	42.25	44.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	12	10.	10.25	14.	7.	6.023	2.454	7.3	8.25	13.	14.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	12	14.	13.917	17.	11.	3.538	1.881	11.	13.	15.75	16.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	12	0.65	0.642	0.9	0.3	0.023	0.151	0.36	0.6	0.7	0.87
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	12	1.3	1.317	1.9	0.9	0.076	0.276	0.93	1.1	1.475	1.81
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	12	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	07/29/66-11/14/85	12	7.5	7.	9.	5.	1.818	1.348	5.	6.	8.	8.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	12	0.2	0.167	0.3	0.1	0.004	0.065	0.1	0.1	0.2	0.27
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	12	0.9	0.908	1.	0.7	0.01	0.1	0.73	0.825	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	12	9.5	9.833	13.	8.	1.788	1.337	8.3	9.	10.75	12.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	12 ##	0.05	0.071	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	12	4.7	4.808	5.4	4.1	0.206	0.454	4.16	4.375	5.325	5.4

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Annual Analysis for 1978 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	11	11.	31.818	150.	0.5	2023.914	44.988	0.5	4.	58.	132.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	11	1.041	1.019	2.176	-0.301	0.649	0.806	-0.301	0.602	1.763	2.099
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.448								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	12 ##	1.	2.125	9.	0.5	6.551	2.56	0.5	0.5	2.75	7.8
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	12 ##	0.	0.102	0.954	-0.301	0.194	0.441	-0.301	-0.301	0.433	0.878
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.266								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	12 ##	0.75	3.333	26.	0.5	52.106	7.218	0.5	0.5	2.	19.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	12 ##	-0.151	0.093	1.415	-0.301	0.28	0.529	-0.301	-0.301	0.301	1.171
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.238								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	12	47.5	47.583	61.	35.	48.083	6.934	36.8	42.75	53.	59.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	12	47.5	47.833	56.	39.	25.97	5.096	39.6	44.25	51.75	55.4
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	12	64.25	65.125	122.	27.5	658.393	25.659	31.49	44.8	77.625	112.31
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	12	0.065	0.065	0.08	0.05	0.	0.008	0.053	0.06	0.07	0.077
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	12	4.	4.167	8.	1.	6.152	2.48	1.	2.	6.5	8.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	12	5.5	6.847	24.	0.5	41.398	6.434	0.578	2.475	9.15	20.4

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Annual Analysis for 1979 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	12	5.8	6.408	11.2	3.	9.039	3.006	3.	3.925	9.775	11.05
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	12	463.5	500.	1040.	157.	61721.818	248.439	187.3	338.5	592.25	986.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	12	85.	80.833	100.	53.	225.97	15.032	55.7	66.25	92.25	99.4
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	12	12.25	11.95	13.5	10.5	0.91	0.954	10.53	10.9	12.6	13.26
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	12	7.2	7.258	7.6	7.	0.039	0.198	7.	7.125	7.375	7.6
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	12	7.2	7.221	7.6	7.	0.041	0.201	7.	7.125	7.375	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	12	0.063	0.06	0.1	0.025	0.001	0.025	0.025	0.042	0.075	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	12	26.	25.917	34.	17.	26.811	5.178	17.3	23.25	29.5	33.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	12	0.04	0.057	0.15	0.01	0.002	0.048	0.013	0.02	0.075	0.15
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	12	0.01	0.019	0.08	0.005	0.	0.022	0.005	0.005	0.028	0.068
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	12	36.5	35.333	46.	21.	55.333	7.439	22.5	29.5	40.75	45.1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	12	9.5	9.75	17.	4.	15.295	3.911	4.6	7.	12.25	16.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	12	13.5	13.175	17.	7.7	7.608	2.758	8.21	11.25	15.	16.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	12	0.6	0.583	0.8	0.2	0.038	0.195	0.26	0.425	0.775	0.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	12	1.7	1.575	1.9	1.	0.091	0.302	1.03	1.35	1.8	1.9
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	12	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	07/29/66-11/14/85	12	8.	9.	11.	8.	1.818	1.348	8.	8.	10.75	11.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	12	0.15	0.167	0.3	0.1	0.006	0.078	0.1	0.1	0.2	0.3
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	12	1.	1.2	2.	0.8	0.238	0.488	0.8	0.9	1.75	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	12	11.	11.333	16.	8.	8.061	2.839	8.	9.	14.	15.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	12	0.1	0.083	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	12	4.75	4.333	5.5	0.9	1.772	1.331	1.53	3.6	5.325	5.47
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	10	7.	18.3	110.	0.5	1099.067	33.152	0.5	0.875	20.25	101.1
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	10	0.845	0.72	2.041	-0.301	0.604	0.777	-0.301	-0.075	1.306	1.969
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.248								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	12	1.	2.042	7.	0.5	5.021	2.241	0.5	0.5	2.75	6.7
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	12	0.	0.1	0.845	-0.301	0.187	0.433	-0.301	-0.301	0.433	0.825
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.258								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	12	1.5	8.542	54.	0.5	247.066	15.718	0.5	0.5	11.75	44.1
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	12	0.151	0.348	1.732	-0.301	0.534	0.731	-0.301	-0.301	1.034	1.609
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.227								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	12	50.5	51.167	68.	35.	101.606	10.08	36.8	42.75	61.25	66.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	12	50.5	47.833	60.	31.	79.788	8.932	32.2	39.75	54.5	58.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	12	68.8	64.167	98.3	28.8	470.401	21.689	33.	45.175	78.8	97.37
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	12	0.07	0.071	0.09	0.05	0.	0.014	0.053	0.06	0.087	0.09
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	12	2.5	15.75	156.	1.	1954.386	44.208	1.	2.	4.	111.6

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Annual Analysis for 1979 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	12	2.95	23.093	224.	0.42	4030.686	63.488	0.714	1.725	9.7	162.5

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Annual Analysis for 1980 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	9	6.	6.311	11.1	2.	12.666	3.559	2.	3.4	10.55	11.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	9	544.	1090.556	3710.	132.	1606600.278	1267.517	132.	299.5	1823.	3710.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	9	77.	73.889	108.	43.	406.861	20.171	43.	57.5	86.	108.
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	9	12.1	11.756	13.3	10.3	1.05	1.025	10.3	10.65	12.45	13.3
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	9	7.1	7.2	8.2	6.9	0.157	0.397	6.9	6.95	7.25	8.2
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	9	7.1	7.103	8.2	6.9	0.168	0.41	6.9	6.95	7.25	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	9	0.079	0.079	0.126	0.006	0.001	0.037	0.006	0.057	0.113	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	6	26.	28.5	49.	21.	109.5	10.464	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	8 ##	0.05	0.041	0.05	0.02	0.	0.012	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	8	0.01	0.024	0.09	0.005	0.001	0.03	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	9	35.	33.889	46.	20.	74.361	8.623	20.	26.5	40.5	46.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	5	9.	8.	13.	0.	23.5	4.848	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	9	13.	12.489	17.	7.5	10.739	3.277	7.5	9.45	15.	17.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	9	0.7	0.622	0.8	0.3	0.022	0.148	0.3	0.55	0.7	0.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	9	1.5	1.411	1.7	1.	0.056	0.237	1.	1.2	1.6	1.7
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	07/29/66-11/14/85	9	9.	8.556	10.	7.	0.778	0.882	7.	8.	9.	10.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	9	0.2	0.156	0.3	0.	0.008	0.088	0.	0.1	0.2	0.3
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	9	0.9	1.022	3.	0.3	0.617	0.785	0.3	0.6	1.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	9	12.	11.111	15.	4.	13.861	3.723	4.	8.	14.	15.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	9	0.1	0.067	0.2	0.	0.005	0.071	0.	0.	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	9	5.	4.467	5.2	3.2	0.635	0.797	3.2	3.7	5.1	5.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	4 ##	0.75	1.	2.	0.5	0.5	0.707	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	4 ##	-0.151	-0.075	0.301	-0.301	0.083	0.288	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.841								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	7	1.	8.286	46.	0.5	281.821	16.788	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	7	0.	0.315	1.663	-0.301	0.509	0.714	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2.067								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	6 ##	0.75	3.25	10.	0.5	17.475	4.18	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	6 ##	-0.151	0.157	1.	-0.301	0.368	0.606	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.435								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	9	53.	50.556	65.	30.	136.528	11.685	30.	41.5	61.	65.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	6	43.5	46.5	68.	27.	308.3	17.558	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	9	83.	122.578	411.	21.7	15219.704	123.368	21.7	47.05	162.15	411.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	9	0.07	0.069	0.09	0.04	0.	0.015	0.04	0.06	0.08	0.09
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	9	2.	18.111	100.	1.	1094.861	33.089	1.	2.	26.	100.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	9	2.9	131.633	756.	0.49	71136.236	266.714	0.49	1.505	207.5	756.

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Annual Analysis for 1981 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	12	6.25	6.967	12.5	3.	8.412	2.9	3.3	5.	8.8	12.23
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	12	499.	1015.75	4530.	120.	1791763.114	1338.568	143.7	308.25	781.	4065.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	12	79.5	77.167	99.	37.	354.333	18.824	40.9	67.	91.75	98.7
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	12	11.9	11.683	13.	9.7	0.947	0.973	9.91	11.	12.4	12.88
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	11	7.1	7.027	7.4	6.4	0.08	0.283	6.48	6.9	7.2	7.4

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Annual Analysis for 1981 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	11	7.1	6.931	7.4	6.4	0.09	0.301	6.48	6.9	7.2	7.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	11	0.079	0.117	0.398	0.04	0.01	0.1	0.04	0.063	0.126	0.35
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	12	0.05	0.058	0.13	0.01	0.001	0.038	0.013	0.03	0.095	0.124
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	12	0.02	0.021	0.03	0.01	0.	0.009	0.01	0.01	0.03	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	12	41.5	37.833	51.	17.	101.97	10.098	18.5	32.75	45.25	49.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	12	15.	13.933	19.	6.2	14.162	3.763	6.74	12.25	16.75	18.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	12	0.7	0.725	1.4	0.4	0.075	0.273	0.4	0.475	0.8	1.25
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	12	1.9	1.875	2.4	1.2	0.109	0.331	1.32	1.625	2.1	2.37
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	12	0.1	0.117	0.2	0.1	0.002	0.039	0.1	0.1	0.1	0.2
00932	SODIUM, PERCENT	07/29/66-11/14/85	12	9.5	10.083	15.	8.	4.265	2.065	8.	9.	10.75	14.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	12	0.2	0.233	0.8	0.1	0.041	0.202	0.1	0.1	0.275	0.68
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	11	0.8	0.845	2.	0.3	0.193	0.439	0.36	0.6	1.	1.8
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	12	11.	10.208	15.	2.5	17.066	4.131	3.25	6.25	13.75	15.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	12	0.075	0.058	0.1	0.	0.002	0.047	0.	0.	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	12	5.25	4.942	6.7	2.9	1.097	1.047	3.02	4.3	5.55	6.37
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	11	1.	2.955	21.	0.5	36.523	6.043	0.5	0.5	2.	17.4
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	11	0.	0.081	1.322	-0.301	0.254	0.504	-0.301	-0.301	0.301	1.153
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.206								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	12 ##	0.5	3.083	15.	0.5	27.174	5.213	0.5	0.5	3.25	14.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	12 ##	-0.301	0.04	1.176	-0.301	0.336	0.579	-0.301	-0.301	0.452	1.157
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.097								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	12	51.	51.583	65.	28.	109.72	10.475	32.8	45.75	61.5	64.7
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	11	57.	53.364	67.	34.	107.655	10.376	35.4	44.	61.	66.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	9	61.2	61.489	104.	21.1	660.366	25.698	21.1	40.3	80.55	104.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	12	0.07	0.071	0.09	0.04	0.	0.014	0.046	0.063	0.08	0.09
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	12	3.	21.75	137.	1.	1788.386	42.289	1.	1.25	19.25	119.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	9	4.4	7.022	37.	0.32	132.322	11.503	0.32	0.64	6.1	37.

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Annual Analysis for 1982 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	9	5.2	6.678	11.6	4.	8.787	2.964	4.	4.25	9.6	11.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	9	854.	786.778	1640.	167.	224919.944	474.257	167.	296.	1066.	1640.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	9	70.	69.778	101.	42.	274.444	16.566	42.	59.	78.5	101.
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	9	12.5	12.	12.6	10.6	0.672	0.82	10.6	11.15	12.6	12.6
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	9	6.8	7.167	8.1	6.6	0.328	0.572	6.6	6.75	7.75	8.1
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	9	6.8	6.938	8.1	6.6	0.386	0.622	6.6	6.75	7.75	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	9	0.158	0.115	0.251	0.008	0.008	0.089	0.008	0.021	0.179	0.251
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	9	0.02	0.034	0.12	0.005	0.001	0.037	0.005	0.005	0.05	0.12
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	9	32.	32.222	43.	22.	47.944	6.924	22.	27.	38.	43.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	9	12.	11.9	16.	8.	6.54	2.557	8.	10.05	14.	16.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	9	0.6	0.611	0.8	0.4	0.019	0.136	0.4	0.5	0.7	0.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	9	1.3	1.378	1.8	1.	0.059	0.244	1.	1.25	1.55	1.8
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	07/29/66-11/14/85	9	9.	8.667	10.	8.	0.5	0.707	8.	8.	9.	10.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	9	0.2	0.2	0.3	0.1	0.005	0.071	0.1	0.15	0.25	0.3
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	9	1.	1.033	2.	0.6	0.148	0.384	0.6	0.9	1.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	9	9.	8.	13.	2.5	13.188	3.631	2.5	4.75	10.5	13.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	9 ##	0.05	0.072	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	9	4.4	4.289	5.1	3.4	0.301	0.549	3.4	3.85	4.7	5.1
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	9 ##	0.5	5.278	31.	0.5	99.694	9.985	0.5	0.5	6.5	31.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	9 ##	-0.301	0.179	1.491	-0.301	0.464	0.681	-0.301	-0.301	0.812	1.491
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.509								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	9	1.	8.889	62.	0.5	401.986	20.05	0.5	0.5	5.5	62.

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Annual Analysis for 1982 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	9	0.	0.293	1.792	-0.301	0.53	0.728	-0.301	-0.301	0.724	1.792
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.964								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	8	40.5	43.5	60.	30.	114.571	10.704	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	6	47.5	46.167	59.	33.	106.167	10.304	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	9	0.05	0.058	0.08	0.04	0.	0.015	0.04	0.05	0.075	0.08
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	9	2.	2.222	5.	1.	2.194	1.481	1.	1.	3.5	5.

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Annual Analysis for 1983 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	3	6.2	7.6	11.3	5.3	10.47	3.236	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	3	739.	714.	926.	477.	50869.	225.542	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	3	70.	71.667	81.	64.	74.333	8.622	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	3	11.9	11.467	12.	10.5	0.703	0.839	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	3	7.6	7.767	8.4	7.3	0.323	0.569	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	3	7.6	7.578	8.4	7.3	0.377	0.614	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	3	0.025	0.026	0.05	0.004	0.001	0.023	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	3	0.03	0.023	0.03	0.01	0.	0.012	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	3	12.	11.667	12.	11.	0.333	0.577	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	3	0.6	0.567	0.6	0.5	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	3	1.4	1.4	1.5	1.3	0.01	0.1	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-11/14/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	3	0.2	0.233	0.3	0.2	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	3	0.9	0.867	1.	0.7	0.023	0.153	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	3	9.	9.	9.	9.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	3	4.4	4.433	4.8	4.1	0.123	0.351	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	3	3.	2.833	5.	0.5	5.083	2.255	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	3	0.477	0.292	0.699	-0.301	0.276	0.525	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.957								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	2	0.9	0.9	0.954	0.845	0.006	0.077	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			7.937								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	3	39.	39.	40.	38.	1.	1.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	1	46.	46.	46.	46.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	3	2.	3.667	8.	1.	14.333	3.786	**	**	**	**

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Annual Analysis for 1984 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	11	10.	8.191	10.2	4.1	7.373	2.715	4.18	4.9	10.2	10.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	4	1037.5	1019.25	1680.	322.	350308.917	591.869	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	11	83.	77.182	84.	50.	144.764	12.032	51.6	73.	84.	84.
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	11	10.7	11.491	14.9	10.6	1.935	1.391	10.6	10.7	12.5	14.5
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	11	7.6	7.573	8.	7.2	0.04	0.2	7.22	7.6	7.6	7.92
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	11	7.6	7.531	8.	7.2	0.042	0.205	7.22	7.6	7.6	7.92
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	11	0.025	0.029	0.063	0.01	0.	0.014	0.013	0.025	0.025	0.061
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	1	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Annual Analysis for 1984 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	5	0.01	0.01	0.02	0.005	0.	0.006	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	5	12.	11.26	14.	8.3	6.238	2.498	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	5	0.6	0.56	0.7	0.4	0.023	0.152	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	5	1.4	1.32	1.5	1.	0.047	0.217	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	5	0.2	0.18	0.2	0.1	0.002	0.045	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	5	1.	1.12	2.	0.7	0.257	0.507	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	5	9.	8.6	10.	7.	1.3	1.14	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	5	4.6	4.24	5.	3.4	0.488	0.699	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	5 ##	0.5	0.9	2.	0.5	0.425	0.652	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	5 ##	-0.301	-0.12	0.301	-0.301	0.072	0.269	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.758								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	5	4.	5.6	10.	3.	10.3	3.209	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	5	0.602	0.692	1.	0.477	0.06	0.245	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			4.919								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	5	44.	41.8	58.	28.	145.2	12.05	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	5	7.	8.	18.	3.	35.5	5.958	**	**	**	**

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

Annual Analysis for 1985 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	26	3.5	4.023	11.	3.5	2.534	1.592	3.5	3.5	3.8	5.39
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	4	358.5	484.25	1050.	170.	160818.917	401.022	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	26	95.	94.115	99.	80.	15.306	3.912	87.8	95.	96.	96.3
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	26	12.3	12.231	12.8	10.7	0.127	0.356	12.04	12.2	12.3	12.49
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	26	7.595	7.559	7.8	6.81	0.036	0.19	7.367	7.5	7.665	7.716
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	26	7.595	7.5	7.8	6.81	0.04	0.2	7.367	7.5	7.665	7.716
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	26	0.025	0.032	0.155	0.016	0.001	0.026	0.019	0.022	0.032	0.043
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	4	32.5	30.5	33.	24.	19.	4.359	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	4	15.5	14.4	17.	9.6	10.907	3.303	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	4	0.75	0.7	0.8	0.5	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	4	1.7	1.575	1.8	1.1	0.109	0.33	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-11/14/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	4	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	4	0.8	0.85	1.	0.8	0.01	0.1	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	4	12.5	11.5	14.	7.	11.	3.317	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	4	4.95	4.7	5.3	3.6	0.567	0.753	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	4	1.	0.875	1.	0.5	0.063	0.25	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	4	0.	-0.075	0.	-0.301	0.023	0.151	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.841								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	4 ##	10.25	11.25	24.	0.5	156.75	12.52	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	4 ##	0.5	0.52	1.38	-0.301	0.899	0.948	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.31								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	4	52.5	50.	57.	38.	72.667	8.524	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	1	53.	53.	53.	53.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	4	2.	2.	4.	0.	2.667	1.633	**	**	**	**

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

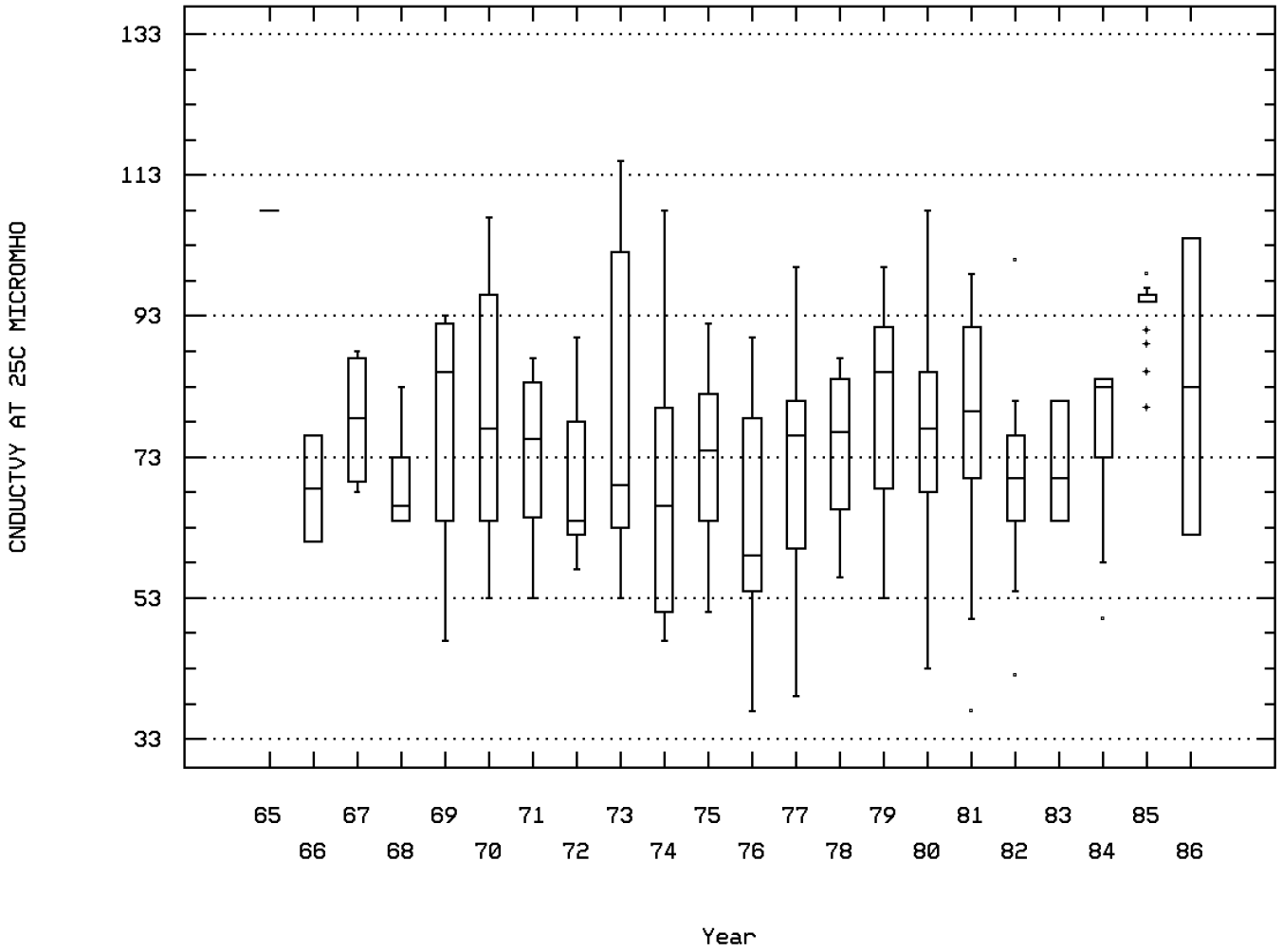
Annual Analysis for 1986 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	6	9.	9.167	13.4	5.5	6.291	2.508	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	3	712.	662.	1140.	134.	254884.	504.86	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	3	83.	83.	104.	62.	441.	21.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	6	11.4	11.3	12.5	9.8	0.744	0.863	**	**	**	**
00400p	PH (STANDARD UNITS)	09/14/65-08/27/86	3	7.8	7.5	7.8	6.9	0.27	0.52	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	3	7.8	7.28	7.8	6.9	0.343	0.586	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	3	0.016	0.053	0.126	0.016	0.004	0.064	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	3	31.	31.	38.	24.	49.	7.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	3	13.	13.2	17.	9.6	13.72	3.704	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	3	0.7	0.633	0.8	0.4	0.043	0.208	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	3	1.5	1.5	1.9	1.1	0.16	0.4	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	3	0.2	0.233	0.3	0.2	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	3	0.9	0.767	0.9	0.5	0.053	0.231	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	3	10.	10.667	15.	7.	16.333	4.041	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	3	5.1	4.667	5.1	3.8	0.563	0.751	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	3	2.	2.	3.	1.	1.	1.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	3	0.301	0.259	0.477	0.	0.058	0.241	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.817								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	3	1.	2.5	6.	0.5	9.25	3.041	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	3	0.	0.159	0.778	-0.301	0.31	0.557	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.442								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	3	43.	54.333	84.	36.	672.333	25.929	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	3	2.	2.667	4.	2.	1.333	1.155	**	**	**	**

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

Station: OLYM0176 Parameter Code: 00095

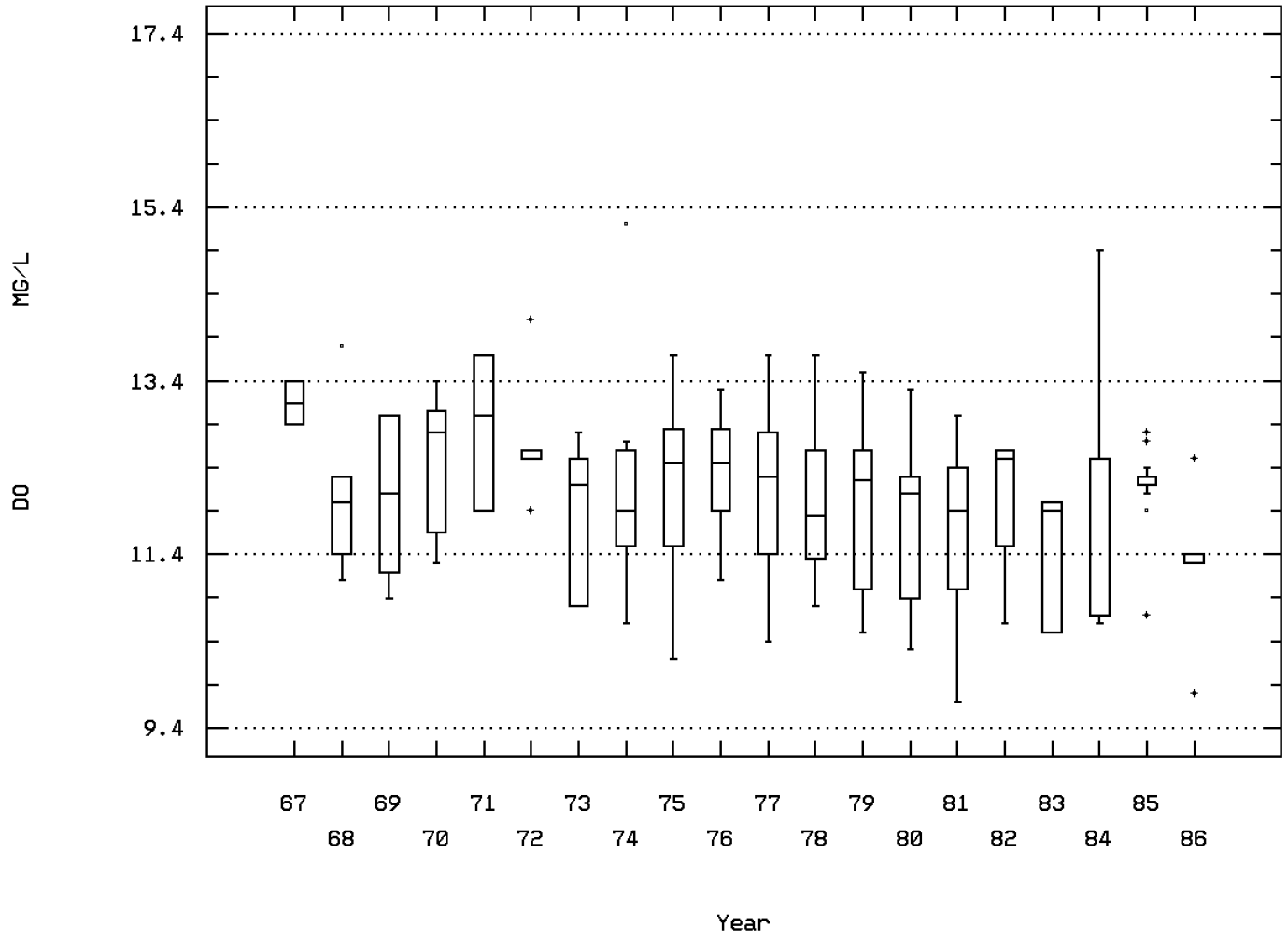
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



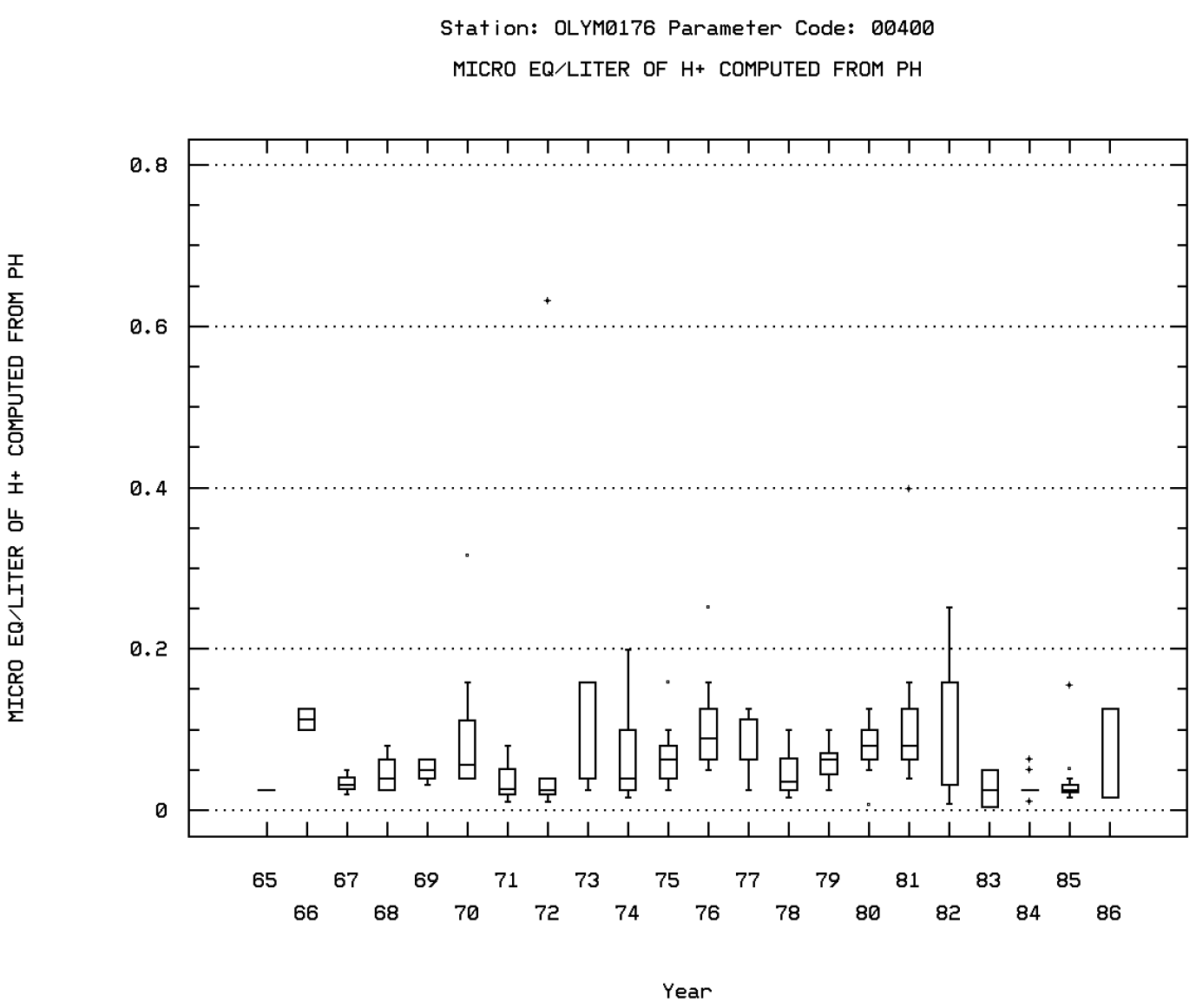
NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 00300

OXYGEN, DISSOLVED



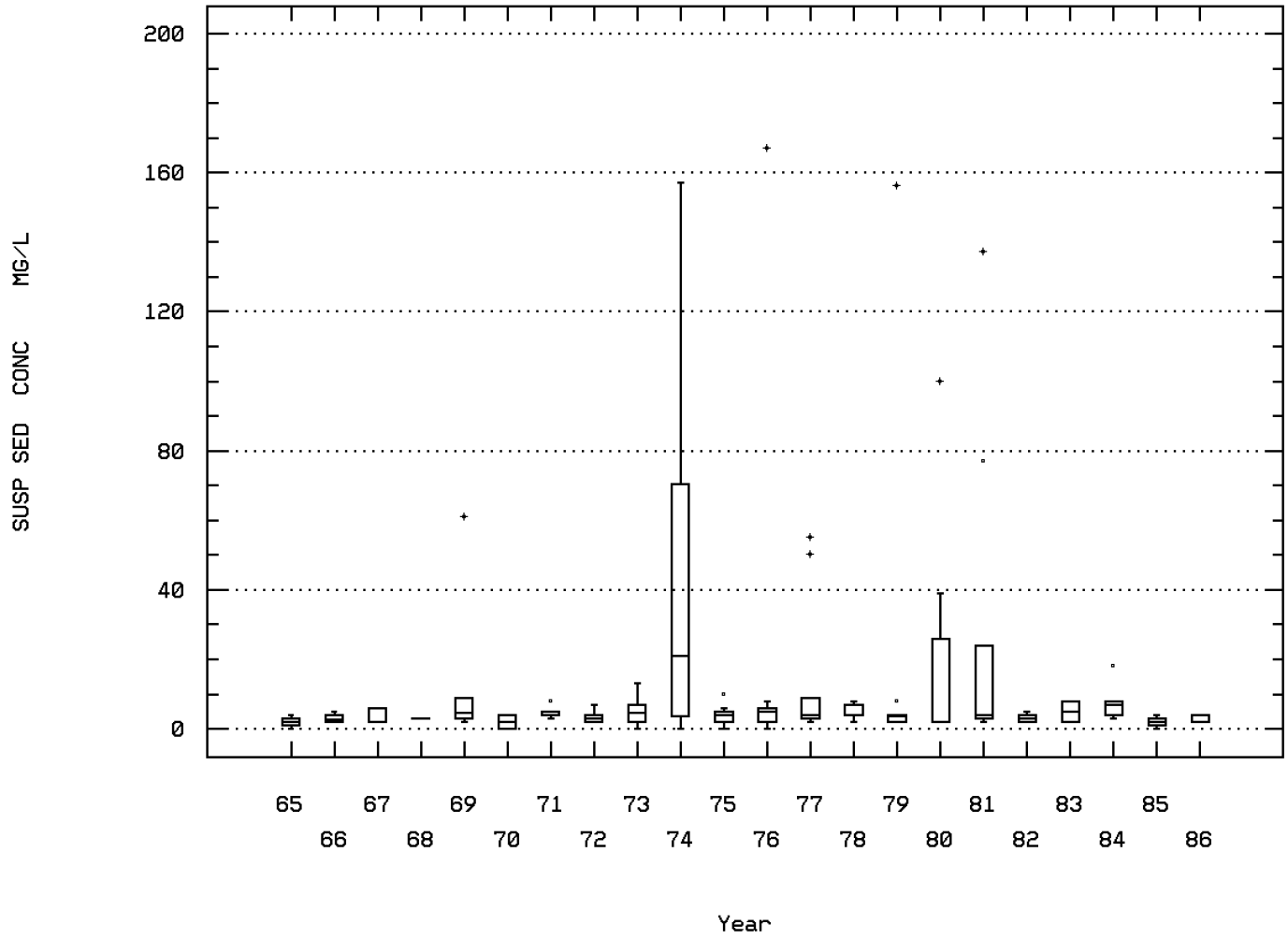
NORTH FORK QUINAULT R NEAR AMANDA PARK,



NORTH FORK QUINAULT R NEAR AMANDA PARK,

Station: OLYM0176 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



NORTH FORK QUINAULT R NEAR AMANDA PARK,

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	50	4.15	4.972	11.1	3.5	3.44	1.855	3.5	3.5	6.125	7.29
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	27	679.	885.185	3710.	126.	791101.541	889.439	134.4	303.	1170.	2468.
00080	COLOR (PLATINUM-COBALT UNITS)	09/14/65-09/18/73	6	1.5	2.167	5.	0.	6.167	2.483	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	48	95.	85.333	108.	37.	281.759	16.786	61.7	73.5	95.	100.
00300	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	48	12.3	12.179	14.9	10.4	0.431	0.657	11.29	12.	12.4	12.81
00400	PH (STANDARD UNITS)	09/14/65-08/27/86	48	7.5	7.38	7.8	6.2	0.116	0.34	6.981	7.2	7.628	7.7
00400	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	48	7.5	7.187	7.8	6.2	0.154	0.392	6.981	7.2	7.627	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	48	0.032	0.065	0.631	0.016	0.011	0.103	0.02	0.024	0.063	0.105
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	10	2.15	6.07	40.	1.1	143.34	11.972	1.11	1.2	3.925	36.43
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	21	30.	28.095	36.	10.	41.29	6.426	17.4	25.	33.	35.
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	15	36.	33.8	44.	12.	82.457	9.081	16.2	30.	41.	43.4
00445	CARBONATE ION (MG/L AS CO3)	09/14/65-05/18/78	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/77-08/27/86	6	0.4	0.423	1.	0.1	0.111	0.334	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	17	0.05	0.058	0.15	0.01	0.002	0.043	0.026	0.03	0.055	0.15
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/21/72-08/27/86	9 ##	0.05	0.061	0.1	0.02	0.001	0.027	0.02	0.05	0.09	0.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/13/67-06/19/79	3	0.03	0.047	0.11	0.	0.003	0.057	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	21	0.01	0.021	0.12	0.005	0.001	0.025	0.005	0.008	0.03	0.038
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	25	35.	34.72	49.	17.	81.96	9.053	19.2	30.	41.5	46.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	20	8.	7.1	17.	0.	16.2	4.025	1.1	4.25	9.	12.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	26	13.	12.885	18.	6.7	10.601	3.256	7.29	11.	15.25	17.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	26	0.7	0.602	0.9	0.05	0.042	0.206	0.27	0.475	0.7	0.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	26	1.5	1.492	2.	0.9	0.106	0.325	0.9	1.3	1.8	1.9
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	25	0.1	0.108	0.2	0.1	0.001	0.028	0.1	0.1	0.1	0.14
00932	SODIUM, PERCENT	07/29/66-11/14/85	24	8.5	8.917	15.	6.	3.558	1.886	7.	8.	10.	11.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	26	0.2	0.183	0.8	0.	0.024	0.156	0.035	0.1	0.2	0.33
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	25	0.9	0.992	2.	0.3	0.244	0.494	0.36	0.75	1.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	26	9.	9.577	16.	4.	9.294	3.049	4.7	7.75	11.	14.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	26	0.05	0.071	0.2	0.	0.002	0.043	0.	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	26	4.75	4.465	5.7	1.8	0.823	0.907	2.99	4.15	5.025	5.33
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	16	9.5	102.875	1200.	0.	86743.317	294.522	2.1	6.	63.5	431.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	16	0.962	1.254	3.079	0.	0.578	0.76	0.334	0.778	1.803	2.33
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.947								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	14	2.	7.75	58.	0.5	238.375	15.439	0.5	0.875	7.	39.5
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	14	0.301	0.397	1.763	-0.301	0.394	0.628	-0.301	-0.075	0.845	1.543
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2.493								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	13	6.	19.962	100.	0.5	1186.394	34.444	0.5	1.25	19.5	96.8
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	13	0.778	0.705	2.	-0.301	0.617	0.785	-0.301	0.	1.278	1.986
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			5.069								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	26	50.	51.308	71.	33.	94.062	9.699	39.2	44.	60.25	64.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	22	48.5	47.545	66.	25.	135.307	11.632	27.	41.75	55.5	61.7
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	21	73.4	107.943	411.	15.7	8550.109	92.467	21.46	32.9	155.5	200.6
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	24	0.07	0.07	0.1	0.04	0.	0.015	0.05	0.06	0.08	0.09
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/17/79-05/22/85	6	0.06	0.065	0.09	0.03	0.001	0.023	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	26	3.	16.154	167.	0.	1290.535	35.924	0.7	2.	8.	61.6
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	21	3.	84.872	1060.	0.	58275.381	241.403	0.068	0.77	10.6	347.6

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	62	3.5	3.527	6.2	0.4	1.262	1.123	2.3	3.	4.125	5.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	56	654.	940.643	4530.	232.	704346.743	839.254	324.	411.	1112.5	2178.
00080	COLOR (PLATINUM-COBALT UNITS)	09/14/65-09/18/73	13	0.	2.615	20.	0.	30.923	5.561	0.	0.	4.	14.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	54	73.5	72.981	115.	37.	257.679	16.052	49.	63.5	86.	89.5
00300	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	48	12.65	12.769	14.1	11.3	0.357	0.598	11.9	12.5	13.175	13.7
00400	PH (STANDARD UNITS)	09/14/65-08/27/86	52	7.2	7.24	8.	6.6	0.076	0.275	6.9	7.1	7.4	7.6

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	52	7.2	7.158	8.	6.6	0.083	0.288	6.9	7.1	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	52	0.063	0.07	0.251	0.01	0.002	0.046	0.025	0.04	0.079	0.126
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	22	3.05	4.109	18.	1.	12.877	3.588	1.16	1.9	6.05	6.61
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	44	27.	27.455	58.	16.	41.696	6.457	21.5	24.25	30.	32.5
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	34	32.	32.882	54.	19.	49.077	7.005	23.5	29.	37.25	41.
00445	CARBONATE ION (MG/L AS CO3)	09/14/65-05/18/78	30	0.	0.267	8.	0.	2.133	1.461	0.	0.	0.	0.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/77-08/27/86	12	0.475	0.522	1.9	0.1	0.234	0.484	0.1	0.15	0.605	1.561
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	35	0.03	0.046	0.4	0.01	0.004	0.064	0.01	0.02	0.05	0.06
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/21/72-08/27/86	17 ##	0.05	0.044	0.08	0.01	0.	0.017	0.018	0.03	0.05	0.056
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/13/67-06/19/79	5	0.	0.024	0.09	0.	0.002	0.039	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	44	0.01	0.019	0.09	0.005	0.	0.02	0.005	0.005	0.03	0.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	50	35.	33.82	47.	15.	55.865	7.474	23.1	30.	38.25	43.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	42	7.5	7.667	15.	0.	14.374	3.791	3.3	5.	10.	13.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	54	13.	12.393	18.	5.	7.965	2.822	8.1	11.	14.	16.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	54	0.6	0.681	2.7	0.4	0.112	0.335	0.4	0.5	0.7	0.95
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	54	1.5	1.735	15.	0.9	3.494	1.869	1.1	1.3	1.6	2.
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	49	0.1	0.131	1.3	0.1	0.03	0.173	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	07/29/66-11/14/85	49	9.	9.878	55.	6.	50.443	7.102	7.	8.	9.5	11.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	54	0.2	0.233	3.3	0.	0.187	0.432	0.1	0.1	0.2	0.3
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	54	1.	1.126	4.	0.5	0.391	0.625	0.6	0.9	1.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	53	9.	9.16	15.	2.5	8.373	2.894	5.4	8.	11.	13.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	53	0.1	0.079	0.4	0.	0.004	0.062	0.	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	53	4.7	4.551	6.	2.7	0.616	0.785	3.24	4.25	5.1	5.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	35	3.	9.5	62.	0.	185.529	13.621	0.5	0.5	15.	24.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	35	0.477	0.551	1.792	-0.301	0.433	0.658	-0.301	-0.301	1.176	1.383
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.556								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	28 ##	0.5	3.036	46.	0.5	73.369	8.566	0.5	0.5	2.	5.2
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	28 ##	-0.301	0.037	1.663	-0.301	0.238	0.488	-0.301	-0.301	0.301	0.714
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.088								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	27 ##	0.5	8.778	100.	0.5	483.199	21.982	0.5	0.5	6.	26.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	27 ##	-0.301	0.231	2.	-0.301	0.505	0.71	-0.301	-0.301	0.778	1.344
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.704								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	53	48.	47.868	72.	28.	99.694	9.985	35.	41.	54.5	61.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	39	48.	47.333	74.	28.	94.07	9.699	31.	40.	53.	59.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	44	77.9	104.055	385.	41.2	4946.95	70.335	47.1	59.25	123.25	224.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	48	0.07	0.066	0.1	0.04	0.	0.014	0.05	0.06	0.078	0.081
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/17/79-05/22/85	13	0.06	0.082	0.28	0.	0.008	0.089	0.	0.03	0.105	0.268
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	54	3.	16.963	157.	0.	1511.093	38.873	1.	1.	7.25	75.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	46	4.05	77.817	941.	0.	47008.685	216.815	0.719	2.025	19.25	285.2

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	67	5.8	6.481	12.2	3.3	4.386	2.094	4.2	5.	8.2	9.54
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	59	809.	857.39	2140.	220.	174392.38	417.603	352.	544.	1050.	1390.
00080	COLOR (PLATINUM-COBALT UNITS)	09/14/65-09/18/73	15	4.	2.867	5.	0.	5.981	2.446	0.	0.	5.	5.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	55	64.	67.018	92.	42.	152.426	12.346	52.	56.	78.	83.4
00300	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	54	12.2	12.039	15.2	10.5	0.561	0.749	11.2	11.475	12.4	12.85
00400	PH (STANDARD UNITS)	09/14/65-08/27/86	55	7.2	7.242	8.2	6.5	0.15	0.388	6.8	6.9	7.5	7.74
00400	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	55	7.2	7.095	8.2	6.5	0.172	0.415	6.8	6.9	7.5	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	55	0.063	0.08	0.316	0.006	0.004	0.065	0.018	0.032	0.126	0.158
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	20	4.6	4.595	10.	1.	8.63	2.938	1.22	1.825	7.1	9.81
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	44	23.	23.318	34.	16.	16.548	4.068	18.	21.	25.75	29.5
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	35	28.	28.914	41.	20.	27.728	5.266	22.	25.	33.	37.4
00445	CARBONATE ION (MG/L AS CO3)	09/14/65-05/18/78	32	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/77-08/27/86	17	0.41	0.432	1.	0.07	0.073	0.27	0.094	0.175	0.575	0.912
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	35	0.03	0.036	0.11	0.01	0.001	0.027	0.01	0.02	0.05	0.074
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/21/72-08/27/86	16 ##	0.05	0.039	0.05	0.01	0.	0.015	0.017	0.023	0.05	0.05
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/13/67-06/19/79	11	0.01	0.559	5.	0.	2.257	1.502	0.	0.	0.09	4.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	40	0.01	0.023	0.29	0.005	0.002	0.046	0.005	0.006	0.028	0.049
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	51	31.	31.098	43.	20.	40.85	6.391	23.	26.	36.	40.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	42	7.	7.143	18.	0.	12.467	3.531	4.	4.75	9.	11.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	55	11.	11.342	16.	7.4	5.487	2.342	8.32	9.4	13.	15.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	55	0.5	0.571	1.4	0.3	0.034	0.183	0.4	0.4	0.7	0.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	55	1.2	1.298	2.4	0.9	0.098	0.312	1.	1.	1.5	1.7
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	50	0.1	0.104	0.2	0.1	0.	0.02	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	07/29/66-11/14/85	50	8.	8.4	13.	5.	2.	1.414	7.	8.	9.	10.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	55	0.1	0.154	0.7	0.	0.012	0.108	0.1	0.1	0.2	0.3
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	55	0.8	0.855	2.	0.2	0.19	0.436	0.36	0.6	1.	1.4
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	55	8.	8.491	15.	0.	5.477	2.34	6.	7.	9.	11.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	55	0.05	0.071	0.2	0.	0.002	0.044	0.	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	55	4.1	4.162	6.7	3.	0.55	0.741	3.3	3.6	4.7	5.18
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	37	6.	10.919	67.	0.	220.882	14.862	0.4	1.	13.5	25.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	37	0.778	0.693	1.826	-0.301	0.366	0.605	-0.241	0.	1.13	1.408
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.935								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	24	1.	1.479	6.	0.5	2.293	1.514	0.5	0.5	1.75	4.5
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	24	0.	0.019	0.778	-0.301	0.116	0.341	-0.301	-0.301	0.226	0.651
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.044								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	24 ##	0.75	2.667	14.	0.5	11.928	3.454	0.5	0.5	4.	8.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	24 ##	-0.151	0.128	1.146	-0.301	0.254	0.504	-0.301	-0.301	0.602	0.9
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.342								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	52	42.	42.192	62.	28.	71.492	8.455	32.	35.	47.	55.7
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	46	40.	41.326	62.	29.	65.291	8.08	31.	35.	47.	53.3
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	45	82.	86.853	212.	34.5	1360.642	36.887	47.28	57.05	100.15	136.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	50	0.06	0.057	0.08	0.04	0.	0.012	0.04	0.05	0.063	0.079
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/17/79-05/22/85	16	0.03	0.056	0.18	0.	0.003	0.05	0.	0.03	0.09	0.138
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	58	3.	4.19	24.	0.	18.402	4.29	1.	2.	5.	8.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	50	6.35	12.559	127.	0.	389.455	19.735	0.764	2.825	15.	28.8

** - 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 #4: 8/01 to 9/30 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/65-08/27/86	42	10.2	10.064	13.4	5.7	2.518	1.587	8.	9.375	11.	11.88
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-08/27/86	33	252.	348.697	1370.	120.	88167.843	296.931	143.2	183.5	399.	886.8
00080	COLOR (PLATINUM-COBALT UNITS)	09/14/65-09/18/73	9	4.	3.222	5.	0.	4.944	2.224	0.	0.5	5.	5.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/14/65-08/27/86	36	84.5	85.25	108.	53.	158.021	12.571	64.7	80.	92.75	102.6
00300	OXYGEN, DISSOLVED MG/L	10/24/67-08/27/86	33	10.7	10.836	12.6	9.7	0.32	0.566	10.24	10.6	11.15	11.56
00400	PH (STANDARD UNITS)	09/14/65-08/27/86	36	7.55	7.439	8.4	6.8	0.118	0.343	6.9	7.125	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	09/14/65-08/27/86	36	7.547	7.309	8.4	6.8	0.135	0.368	6.9	7.125	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/65-08/27/86	36	0.028	0.049	0.158	0.004	0.002	0.041	0.016	0.025	0.075	0.126
00405	CARBON DIOXIDE (MG/L AS CO2)	12/22/71-05/18/78	10	2.9	4.02	12.	1.2	10.995	3.316	1.22	1.625	5.85	11.46
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-08/27/86	23	30.	30.565	49.	21.	41.893	6.473	22.4	25.	34.	39.2
00440	BICARBONATE ION (MG/L AS HCO3)	09/14/65-05/18/78	17	35.	36.176	49.	26.	43.779	6.617	27.6	30.	42.	45.8
00445	CARBONATE ION (MG/L AS CO3)	09/14/65-05/18/78	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/77-08/27/86	10	0.435	0.447	0.9	0.1	0.097	0.312	0.1	0.108	0.748	0.89
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/27/71-09/22/82	18	0.04	0.04	0.11	0.01	0.001	0.023	0.019	0.02	0.05	0.065
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/21/72-08/27/86	10 ##	0.05	0.05	0.1	0.01	0.	0.022	0.013	0.048	0.05	0.095
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/13/67-06/19/79	3	0.	0.023	0.07	0.	0.002	0.04	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/70-08/27/86	24	0.01	0.022	0.12	0.005	0.001	0.027	0.005	0.01	0.02	0.065
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/14/65-11/14/85	26	39.	38.692	51.	22.	51.422	7.171	29.1	32.75	44.25	46.6

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/14/65-11/14/85	22	8.5	7.636	16.	0.	19.004	4.359	0.	4.75	10.25	13.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/14/65-08/27/86	30	14.	14.38	19.	8.4	6.829	2.613	11.	12.75	17.	17.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/14/65-08/27/86	30	0.7	0.7	1.4	0.2	0.057	0.238	0.4	0.575	0.8	0.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/14/65-08/27/86	30	1.7	1.613	2.1	0.9	0.072	0.267	1.3	1.475	1.8	1.9
00931	SODIUM ADSORPTION RATIO	07/29/66-11/14/85	24	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932	SODIUM, PERCENT	07/29/66-11/14/85	24	8.	8.333	12.	5.	1.797	1.341	7.	8.	9.	10.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/14/65-08/27/86	30	0.2	0.248	1.3	0.05	0.069	0.263	0.1	0.1	0.2	0.48
00940	CHLORIDE,TOTAL IN WATER MG/L	09/14/65-08/27/86	30	0.8	0.773	2.	0.	0.183	0.428	0.3	0.575	0.925	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/14/65-08/27/86	30	11.	11.133	16.	4.	7.637	2.763	8.	9.	14.	14.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/14/65-08/27/86	30	0.1	0.087	0.4	0.	0.005	0.071	0.05	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/14/65-08/27/86	30	4.6	4.623	6.8	0.9	0.858	0.927	3.82	4.375	5.1	5.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/23/68-04/29/80	17	30.	37.853	150.	0.5	1641.68	40.518	1.7	9.	54.5	118.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/23/68-04/29/80	17	1.477	1.27	2.176	-0.301	0.424	0.651	0.181	0.906	1.73	2.068
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.641								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	14	2.5	5.607	31.	0.5	67.199	8.198	0.5	0.875	6.75	22.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/20/76-08/27/86	14	0.389	0.401	1.491	-0.301	0.331	0.575	-0.301	-0.075	0.822	1.303
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2.516								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	14	11.	29.429	180.	1.	2229.341	47.216	1.	4.	33.	121.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/17/76-08/27/86	14	1.034	1.068	2.255	0.	0.414	0.644	0.	0.602	1.494	2.024
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			11.687								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/14/65-08/27/86	30	55.5	55.267	84.	33.	119.444	10.929	41.1	47.75	62.	67.7
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/23/68-11/14/85	23	51.	52.391	68.	32.	79.976	8.943	41.	47.	60.	65.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/24/67-09/10/81	21	35.6	51.505	159.	21.1	1310.261	36.198	23.96	28.4	63.	119.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-03/02/83	24	0.07	0.074	0.11	0.04	0.	0.014	0.06	0.07	0.08	0.09
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/17/79-05/22/85	8	0.045	0.087	0.37	0.	0.014	0.118	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-08/27/86	32	2.	4.	61.	0.	111.097	10.54	1.	1.	2.75	5.7
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/10/81	26	1.	11.474	226.	0.	1942.809	44.077	0.341	0.498	2.325	17.7

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

Station Inventory for Station: OLYM0177

NPS Station ID: OLYM0177
LAT/LON: 47.666671/-123.625560
Agency: 112WRD
Date Created: 01/08/94
Location: CHAINSAW CR NR AMANDA PK WA
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 474000123373200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/10/93-09/10/93	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/10/93-09/10/93	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/93-09/10/93	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/10/93-09/10/93	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/10/93-09/10/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/93-09/10/93	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/93-09/10/93	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/93-09/10/93	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/93-09/10/93	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/93-09/10/93	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/93-09/10/93	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/93-09/10/93	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/93-09/10/93	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/10/93-09/10/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/10/93-09/10/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/10/93-09/10/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0178

NPS Station ID: OLYM0178
Location:
Station Type: /TYPA/AMBNT/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 17110021
Major Basin:
Minor Basin: 12 SHWATER BAY
RF1 Index: 17110021
RF3 Index:
Description:
WEST OF ELWHA RIVER (FRESHWATER BAY)

LAT/LON: 48.148337/-123.630003
Depth of Water: 3276
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 10EPACOP
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 033301
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 04/21/79
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: OLYM0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/21/62-08/18/76	39	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/76-08/18/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/06/63-08/18/76	34	30.8	26.459	31.9	2.9	69.498	8.337	13.8	24.275	31.6	31.85
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	06/21/62-08/18/76	37	1.	1.554	7.	0.	3.816	1.954	0.	0.	2.	3.8
32228	CHLOROPHYLL A, PERIPHYTON, SPECTRO, MG/M2	07/20/64-07/15/69	15	2.02	1.984	4.18	0.57	1.958	1.399	0.57	0.58	2.57	4.18
71091	AGE OF SEAWATER (SEED TIME - COLLECTION TIME)	06/21/62-08/18/76	39	203.	247.256	473.	114.	13252.88	115.121	120.	168.	358.	431.
71092	TIME TEST CONTAINERS SEEDED BIVALVE EMBRYOS	06/21/62-08/18/76	39	1323.	1431.128	1900.	1045.	73584.799	271.265	1100.	1230.	1715.	1830.
71093	EXPECTED # NEWLY FERTILIZED EMBRYOS INTRODUCED	05/10/72-08/25/75	4	257.	257.	269.	245.	192.	13.856	**	**	**	**
71094	OBSERVED # NEW EMBRYOS INTRODUCED	08/18/76-08/18/76	1	200.	200.	200.	200.	0.	0.	**	**	**	**
71095	NORMAL DEVELOPED LARVAE	06/21/62-08/18/76	39	177.	176.744	341.	43.	4784.617	69.171	70.	152.	207.	250.
71096	ABNORMAL BIVALVE MULLOSC LARVAE	06/21/62-08/18/76	39	4.	6.051	52.	0.	80.997	9.	0.	1.	8.	13.

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

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

Station Inventory for Station: OLYM0179

NPS Station ID: OLYM0179
LAT/LON: 47.956670/-123.630003
Agency: UNIVWASH
Date Created: / /
Location: HO3
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): HCE563
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17110020
Depth of Water: 288
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND - HOOD CANAL ENTRANCE
ECO Region:
RF1 Index: 17110020
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/10/67-08/10/67	7	62.	84.	223.	0.	6681.	81.737	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/67-08/10/67	7	11.7	11.9	13.3	11.	0.69	0.831	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/10/67-08/10/67	7	29.7	29.714	30.4	29.1	0.218	0.467	**	**	**	**

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

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

Station Inventory for Station: OLYM0180

NPS Station ID: OLYM0180
LAT/LON: 47.639726/-123.649170
Agency: 112WRD
Date Created: 01/08/94
Location: ELIP CR NR AMANDA PK WA
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 473823123385700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/10/93-09/10/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/10/93-09/10/93	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/10/93-09/10/93	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/10/93-09/10/93	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/10/93-09/10/93	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/10/93-09/10/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/10/93-09/10/93	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/10/93-09/10/93	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/10/93-09/10/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/10/93-09/10/93	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/10/93-09/10/93	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/10/93-09/10/93	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/10/93-09/10/93	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/10/93-09/10/93	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/10/93-09/10/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/10/93-09/10/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/10/93-09/10/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0180

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0180

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0181

NPS Station ID: OLYM0181
LAT/LON: 48.185004/-123.726670
Agency: 51POCEAN
Date Created: / /
Location: CRESCENT BAY I
FIPS State/County: 53000 WASHINGTON/
Station Type: /AMBNT/OCEAN
STORET Station ID(s): JDF119
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 275
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND-JUAN DE FUCA
PUGET SOUND
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0181

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

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

Station Inventory for Station: OLYM0182

NPS Station ID: OLYM0182
LAT/LON: 48.185004/-123.726670
Agency: UNIVWASH
Date Created: / /
Location: CRESCENT BAY I
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDF119
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 275
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND - STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0182

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

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

Station Inventory for Station: OLYM0183

NPS Station ID: OLYM0183 | LAT/LON: 47.976392/-123.748059 | Agency: 12WLS1 | Date Created: 09/03/88
Location: BOULDER LAKE | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4B3-063
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 | Depth of Water: 19 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: OLYM0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/25/85-09/25/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/25/85-09/25/85	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/25/85-09/25/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/25/85-09/25/85	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/25/85-09/25/85	1	5.392	5.392	5.392	5.392	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/25/85-09/25/85	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/85-09/25/85	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/85-09/25/85	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/25/85-09/25/85	1	491.3	491.3	491.3	491.3	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/25/85-09/25/85	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/25/85-09/25/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/25/85-09/25/85	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/25/85-09/25/85	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/85-09/25/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/85-09/25/85	1	1.12	1.12	1.12	1.12	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/85-09/25/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/25/85-09/25/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/85-09/25/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/85-09/25/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/85-09/25/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/25/85-09/25/85	1	32.	32.	32.	32.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/25/85-09/25/85	1	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/25/85-09/25/85	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/25/85-09/25/85	1	18.	18.	18.	18.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/25/85-09/25/85	1	4327.64	4327.64	4327.64	4327.64	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/25/85-09/25/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/25/85-09/25/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0183

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-7/31----------			----------8/01-9/30----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00										1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0184

NPS Station ID: OLYM0184 LAT/LON: 48.085781/-123.771781 Agency: 11NPSWRD Date Created: 11/01/97
Location: LAKE CRESCENT OFFSHORE NEAR DEVILS POINT FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): OLYM_NPSWRD_DPT
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 580 Water Body Id:
Minor Basin: PUGET SOUND ECO Region:
RF1 Index: 17110021 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LAKE CRESCENT WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS OFFSHORE SITE IS ON LAKE CRESCENT NEAR DEVILS POINT. DATA ARE FROM THE 1989 NATIONAL PARK SERVICE WATER RESOURCES DIVISION REPORT "TROPHIC STATUS AND ASSESSMENT OF NON-POINT SOURCE NUTRIENT ENRICHMENT LAKE CRESCENT OLYMPIC NATIONAL PARK" BY TERENCE P. BOYLE AND DAVID R. BEESON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK 600 EAST PARK AVENUE PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	60	80.5	81.15	164.	13.	1939.858	44.044	17.	41.5	117.25	146.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	60	14.	14.283	19.	9.	10.478	3.237	9.1	12.	17.	18.9
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	60	18.5	18.833	22.	17.	3.87	1.967	17.	17.	20.	22.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	60	120.	124.25	160.	105.	96.462	9.822	120.	120.	125.	140.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	60	10.2	10.313	21.	8.3	2.84	1.685	8.8	9.425	10.9	11.4
00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	60	7.15	7.171	8.48	6.54	0.093	0.306	6.882	7.	7.297	7.368
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/13/87-09/26/87	60	7.15	7.09	8.48	6.54	0.1	0.316	6.882	7.	7.297	7.368
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/87-09/26/87	60	0.071	0.081	0.288	0.003	0.002	0.047	0.043	0.05	0.1	0.131
00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	60	0.04	0.041	0.09	0.01	0.	0.02	0.011	0.03	0.06	0.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	60	0.01	0.012	0.071	0.004	0.	0.008	0.007	0.01	0.012	0.015
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	60	0.5	0.528	1.	0.08	0.063	0.25	0.3	0.3	0.7	1.

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

EPA Water Quality Criteria Analysis for Station: OLYM0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	60	0	0.00							20	0	0.00	40	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0184

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406 PH, FIELD	Fresh Chronic	9.	60	0	0.00							20	0	0.00	40	0	0.00
	Other-Lo Lim.	6.5	60	0	0.00							20	0	0.00	40	0	0.00

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

Station Inventory for Station: OLYM0185

NPS Station ID: OLYM0185 | LAT/LON: 48.092753/-123.776088 | Agency: 11NPSWRD | Date Created: 11/01/97
Location: LAKE CRESCENT NEAR LOG CABIN RESORT | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): OLYM_NPSWRD_LOG
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 580 | Water Body Id:
Minor Basin: PUGET SOUND | ECO Region:
RF1 Index: 17110021 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LAKE CRESCENT WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS NEAR-SHORE SITE IS ON LAKE CRESCENT BY THE LOG CABIN RESORT. DATA ARE FROM THE 1989 NATIONAL PARK SERVICE WATER RESOURCES DIVISION REPORT "TROPHIC STATUS & ASSESSMENT OF NON-POINT SOURCE NUTRIENT ENRICHMENT LAKE CRESCENT OLYMPIC NATIONAL PARK" BY TERENCE P. BOYLE AND DAVID R. BEESON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK 600 EAST PARK AVENUE PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	6	13.	13.	13.	13.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	6	17.5	17.833	21.	15.	4.167	2.041	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	6	18.	17.5	20.	15.	3.1	1.761	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	6	137.5	136.667	155.	120.	136.667	11.69	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	6	9.45	9.45	10.2	8.8	0.311	0.558	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	6	7.26	7.37	8.58	6.66	0.416	0.645	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/13/87-09/26/87	6	7.258	7.119	8.58	6.66	0.492	0.701	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/87-09/26/87	6	0.055	0.076	0.219	0.003	0.006	0.075	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	6	0.065	0.073	0.14	0.01	0.003	0.052	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	6	0.016	0.028	0.102	0.007	0.001	0.037	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	6	0.3	0.348	0.7	0.09	0.068	0.261	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0185

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00							2	0	0.00	4	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0185

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00							2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00							2	0	0.00	4	0	0.00

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

Station Inventory for Station: OLYM0186

NPS Station ID: OLYM0186 | LAT/LON: 47.915837/-123.781949 | Agency: 12WLS1 | Date Created: 09/03/88
Location: LUNCH LAKE | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4B3-061
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 | Depth of Water: 52 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: OLYM0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/85-09/29/85	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/29/85-09/29/85	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/29/85-09/29/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/85-09/29/85	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/29/85-09/29/85	1	4.375	4.375	4.375	4.375	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/29/85-09/29/85	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/29/85-09/29/85	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/85-09/29/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/29/85-09/29/85	1	234.	234.	234.	234.	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/29/85-09/29/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/85-09/29/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/29/85-09/29/85	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/29/85-09/29/85	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/85-09/29/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/85-09/29/85	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/85-09/29/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/29/85-09/29/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/85-09/29/85	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/85-09/29/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/85-09/29/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/29/85-09/29/85	1	18.	18.	18.	18.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/29/85-09/29/85	1	0.031	0.031	0.031	0.031	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/29/85-09/29/85	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/29/85-09/29/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/29/85-09/29/85	1	4477.73	4477.73	4477.73	4477.73	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/29/85-09/29/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/29/85-09/29/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00										1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0187

NPS Station ID: OLYM0187 | LAT/LON: 48.061226/-123.783670 | Agency: 11NPSWRD | Date Created: 11/01/97
Location: LAKE CRESCENT NEAR BARNES POINT | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): OLYM_NPSWRD_BPT
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 580 | Water Body Id:
Minor Basin: PUGET SOUND | ECO Region:
RF1 Index: 17110021 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LAKE CRESCENT WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS NEAR-SHORE SITE IS ON LAKE CRESCENT BY BARNES POINT. DATA ARE FROM THE 1989 NATIONAL PARK SERVICE WATER RESOURCES DIVISION REPORT "TROPHIC STATUS AND ASSESSMENT OF NON-POINT SOURCE NUTRIENT ENRICHMENT LAKE CRESCENT OLYMPIC NATIONAL PARK" BY TERENCE P. BOYLE AND DAVID R. BEESON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK 600 EAST PARK AVENUE PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	6	13.	13.	13.	13.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	6	18.5	18.	19.	15.	2.4	1.549	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	6	19.	18.833	21.	15.	5.367	2.317	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	6	120.	125.	140.	115.	100.	10.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	6	9.3	9.717	11.6	9.	0.946	0.972	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	6	7.065	6.97	7.26	6.38	0.101	0.318	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/13/87-09/26/87	6	7.064	6.851	7.26	6.38	0.118	0.344	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/87-09/26/87	6	0.086	0.141	0.417	0.055	0.019	0.138	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	6	0.055	0.052	0.1	0.01	0.001	0.034	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	6	0.015	0.032	0.127	0.009	0.002	0.047	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	6	0.2	0.298	0.7	0.09	0.061	0.247	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0187

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00							2	0	0.00	4	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0187

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00							2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	6	1	0.17							2	0	0.00	4	1	0.25

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

Station Inventory for Station: OLYM0188

NPS Station ID: OLYM0188
LAT/LON: 48.051115/-123.784171
Agency: 11NPSWRD
Date Created: 04/25/98
Location: BARNES CREEK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-BAC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE LAKE CRESCENT WASHINGTON-CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BARNES CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/95-06/28/95	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/28/95-06/28/95	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/28/95-06/28/95	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/95-06/28/95	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/28/95-06/28/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/28/95-06/28/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/28/95-06/28/95	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/28/95-06/28/95	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/28/95-06/28/95	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/28/95-06/28/95	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/95-06/28/95	2	0.004	0.004	0.004	0.003	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/95-06/28/95	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/95-06/28/95	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/95-06/28/95	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/95-06/28/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/28/95-06/28/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/28/95-06/28/95	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	06/28/95-06/28/95	1	1.07	1.07	1.07	1.07	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/28/95-06/28/95	1	57.	57.	57.	57.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OLYM0189

NPS Station ID: OLYM0189 | LAT/LON: 47.899170/-123.784727 | Agency: 12WLS1 | Date Created: 09/03/88
Location: HOH LAKE | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4B3-035
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 | Depth of Water: 49 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: OLYM0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/85-09/29/85	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/29/85-09/29/85	1	6.55	6.55	6.55	6.55	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/29/85-09/29/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/85-09/29/85	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/29/85-09/29/85	1	3.971	3.971	3.971	3.971	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/29/85-09/29/85	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/29/85-09/29/85	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/85-09/29/85	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/29/85-09/29/85	1	489.9	489.9	489.9	489.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/29/85-09/29/85	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/85-09/29/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/29/85-09/29/85	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/29/85-09/29/85	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/85-09/29/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/85-09/29/85	1	1.02	1.02	1.02	1.02	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/85-09/29/85	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/29/85-09/29/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/85-09/29/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/85-09/29/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/85-09/29/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/29/85-09/29/85	1	19.	19.	19.	19.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/29/85-09/29/85	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/29/85-09/29/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/29/85-09/29/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/29/85-09/29/85	1	4527.76	4527.76	4527.76	4527.76	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/29/85-09/29/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/29/85-09/29/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00										1	0	0.00
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0190

NPS Station ID: OLYM0190 LAT/LON: 48.084309/-123.785281 Agency: 11NPSWRD Date Created: 11/01/97
Location: LAKE CRESCENT NEAR DEVILS POINT BRIDGE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): OLYM_NPSWRD_DPB
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 580 Water Body Id:
Minor Basin: PUGET SOUND ECO Region:
RF1 Index: 17110021 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LAKE CRESCENT WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS NEAR-SHORE SITE IS ON LAKE CRESCENT BY THE DEVILS POINT BRIDGE. DATA ARE FROM THE 1989 NATIONAL PARK SERVICE WATER RESOURCES DIVISION REPORT "TROPHIC STATUS & ASSESSMENT OF NON-POINT SOURCE NUTRIENT ENRICHMENT LAKE CRESCENT OLYMPIC NATIONAL PARK" BY TERENCE P. BOYLE AND DAVID R. BEESON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK 600 EAST PARK AVENUE PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	6	13.	13.	13.	13.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	6	17.5	17.5	19.	15.	2.3	1.517	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	6	17.5	18.	21.	15.	4.8	2.191	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	6	125.5	130.167	165.	105.	430.167	20.74	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	6	9.3	9.333	9.7	9.1	0.047	0.216	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	6	7.035	7.248	8.73	6.44	0.646	0.804	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/13/87-09/26/87	6	7.008	6.9	8.73	6.44	0.791	0.89	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/87-09/26/87	6	0.098	0.126	0.363	0.002	0.017	0.13	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	6	0.04	0.03	0.04	0.01	0.	0.015	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	6	0.012	0.03	0.121	0.01	0.002	0.044	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	6	0.35	0.401	1.	0.008	0.139	0.372	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00							2	0	0.00	4	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00							2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	6	1	0.17							2	1	0.50	4	0	0.00

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

Station Inventory for Station: OLYM0191

NPS Station ID: OLYM0191
LAT/LON: 48.055281/-123.785837
Agency: 112WRD
Date Created: 04/14/78
Location: 30N/09W-26R02
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480319123470901
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/67-09/20/67	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/20/67-09/20/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/67-09/20/67	1	136.	136.	136.	136.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/67-09/20/67	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/67-09/20/67	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/67-09/20/67	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/20/67-09/20/67	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/67-09/20/67	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/20/67-09/20/67	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/20/67-09/20/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/20/67-09/20/67	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/67-09/20/67	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/67-09/20/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/67-09/20/67	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/67-09/20/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/67-09/20/67	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/20/67-09/20/67	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/20/67-09/20/67	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/67-09/20/67	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/67-09/20/67	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/67-09/20/67	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/67-09/20/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/67-09/20/67	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/20/67-09/20/67	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/67-09/20/67	1	84.	84.	84.	84.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/67-09/20/67	1	82.	82.	82.	82.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/20/67-09/20/67	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0191

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0191

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0192

NPS Station ID: OLYM0192
LAT/LON: 47.698616/-123.800281
Agency: 11NPSWRD
Date Created: 04/25/98
Location: PARADISE CREEK
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-PDC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100102
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOB CREEK WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON PARADISE CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/16/95-08/16/95	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/16/95-08/16/95	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/16/95-08/16/95	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/95-08/16/95	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/16/95-08/16/95	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/16/95-08/16/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/16/95-08/16/95	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/16/95-08/16/95	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/16/95-08/16/95	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/16/95-08/16/95	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/95-08/16/95	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/16/95-08/16/95	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/16/95-08/16/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/16/95-08/16/95	1	1.85	1.85	1.85	1.85	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/16/95-08/16/95	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/16/95-08/16/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/16/95-08/16/95	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/16/95-08/16/95	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/16/95-08/16/95	1	41.	41.	41.	41.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0192

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0193

NPS Station ID: OLYM0193 LAT/LON: 48.063059/-123.806920 Agency: 11NPSWRD Date Created: 11/01/97
Location: LAKE CRESCENT NEAR PUNCHBOWL TUNNEL FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): OLYM_NPSWRD_PBT
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 580 Water Body Id:
Minor Basin: PUGET SOUND ECO Region:
RF1 Index: 17110021 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LAKE CRESCENT WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS NEAR-SHORE SITE IS ON LAKE CRESCENT BY THE PUNCHBOWL TUNNEL. DATA ARE FROM THE 1989 NATIONAL PARK SERVICE WATER RESOURCES DIVISION REPORT "TROPHIC STATUS & ASSESSMENT OF NON-POINT SOURCE NUTRIENT ENRICHMENT LAKE CRESCENT OLYMPIC NATIONAL PARK" BY TERENCE P. BOYLE AND DAVID R. BEESON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK 600 EAST PARK AVENUE PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	6	13.	13.	13.	13.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	6	18.	18.	20.	15.	2.8	1.673	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	6	18.	18.	20.	16.	3.6	1.897	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	6	120.	126.667	140.	120.	106.667	10.328	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	6	9.25	9.067	9.4	8.5	0.167	0.408	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	6	7.26	7.462	8.7	7.02	0.381	0.617	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/13/87-09/26/87	6	7.258	7.275	8.7	7.02	0.423	0.65	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/87-09/26/87	6	0.055	0.053	0.095	0.002	0.001	0.031	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	6	0.04	0.033	0.04	0.01	0.	0.012	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	6	0.012	0.012	0.015	0.005	0.	0.004	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	6	0.2	0.278	0.6	0.07	0.048	0.219	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0193

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00							2	0	0.00	4	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00							2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00							2	0	0.00	4	0	0.00

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

Station Inventory for Station: OLYM0194

NPS Station ID: OLYM0194
LAT/LON: 47.943892/-123.821670
Agency: 11NPSWRD
Date Created: 04/25/98
Location: CANYON CREEK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-CC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOGACHIEL PEAK WASHINGTON-CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON CANYON CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/13/95-07/13/95	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/13/95-07/13/95	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/13/95-07/13/95	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/95-07/13/95	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/13/95-07/13/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/95-07/13/95	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/13/95-07/13/95	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/13/95-07/13/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/13/95-07/13/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/13/95-07/13/95	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/13/95-07/13/95	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/13/95-07/13/95	1	12.7	12.7	12.7	12.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/13/95-07/13/95	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/13/95-07/13/95	1	1.49	1.49	1.49	1.49	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/13/95-07/13/95	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/13/95-07/13/95	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/13/95-07/13/95	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	07/13/95-07/13/95	1	1.09	1.09	1.09	1.09	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/13/95-07/13/95	1	58.	58.	58.	58.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0194

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OLYM0195

NPS Station ID: OLYM0195
LAT/LON: 47.949726/-123.830559
Agency: 21540000
Date Created: / /
Location: TRIBUTARY TO CHARLIE CREEK
FIPS State/County: 53027 WASHINGTON/GRAYS HARBOR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 22E070 /2722E070
RMI-Indexes: 1312099 000020 00006
Within Park Boundary: Yes
RMI-Miles: 0000.20 0000.80 000.10
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COASTAL (LOWER CHEHALIS-22)
ECO Region:
RF1 Index: 17100101029
RF1 Mile Point: 9.880
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED APPROXIMATELY THREE MILES WEST OF ABERDEEN ON A DRAINAGE DITCH TRIBUTARY TO CHARLIE CREEK 2.4 MILES FROM JUNCTION OF HIGHWAYS 101 AND 105 ON HIGHWAY 105 ON LEFT SIDE OF ROAD SOUTHWEST REGION
7.5 QUAD- ABERDEEN ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 5

Parameter Inventory for Station: OLYM0195

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

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: OLYM0196

NPS Station ID: OLYM0196 LAT/LON: 48.060503/-123.851254 Agency: 11NPSWRD Date Created: 11/01/97
Location: LAKE CRESCENT OFFSHORE NEAR MAPLE POINT FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): OLYM_NPSWRD_MPT
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 580 Water Body Id:
Minor Basin: PUGET SOUND ECO Region:
RF1 Index: 17110021 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LAKE CRESCENT WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS OFFSHORE SITE IS ON LAKE CRESCENT NEAR MAPLE POINT. DATA ARE FROM THE 1989 NATIONAL PARK SERVICE WATER RESOURCES DIVISION REPORT "TROPHIC STATUS & ASSESSMENT OF NON-POINT SOURCE NUTRIENT ENRICHMENT LAKE CRESCENT OLYMPIC NATIONAL PARK" BY TERENCE P. BOYLE AND DAVID R. BEESON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK 600 EAST PARK AVENUE PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	60	80.5	81.15	164.	13.	1939.858	44.044	17.	41.5	117.25	146.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	60	14.5	14.383	19.	9.	9.325	3.054	10.	12.	17.	18.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	60	18.	18.167	21.	15.	3.192	1.787	15.	18.	19.	21.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	60	120.	122.95	150.	100.	108.591	10.421	110.	120.	130.	140.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	60	10.25	10.357	13.6	9.2	0.854	0.924	9.3	9.525	11.075	11.4
00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	60	7.3	7.267	7.81	6.76	0.085	0.292	6.853	7.	7.45	7.726
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/13/87-09/26/87	60	7.3	7.174	7.81	6.76	0.094	0.307	6.853	7.	7.45	7.726
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/87-09/26/87	60	0.05	0.067	0.174	0.015	0.002	0.044	0.019	0.035	0.1	0.14
00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	60	0.03	0.037	0.22	0.007	0.001	0.033	0.01	0.02	0.048	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	60	0.011	0.012	0.019	0.007	0.	0.003	0.009	0.01	0.014	0.016
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	57	0.4	0.412	1.	0.09	0.029	0.171	0.2	0.3	0.5	0.6

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

EPA Water Quality Criteria Analysis for Station: OLYM0196

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	60	0	0.00							20	0	0.00	40	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0196

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406	PH, FIELD	Fresh Chronic	9.	60	0	0.00							20	0	0.00	40	0	0.00
		Other-Lo Lim.	6.5	60	0	0.00							20	0	0.00	40	0	0.00

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

Station Inventory for Station: OLYM0197

NPS Station ID: OLYM0197
LAT/LON: 47.693892/-123.853892
Agency: 11NPSWRD
Date Created: 04/25/98
Location: BOB CREEK
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-BC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100102
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOB CREEK WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BOB CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/17/95-08/17/95	1	6.35	6.35	6.35	6.35	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/95-08/17/95	1	6.35	6.35	6.35	6.35	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/95-08/17/95	1	0.447	0.447	0.447	0.447	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/17/95-08/17/95	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/95-08/17/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/95-08/17/95	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/17/95-08/17/95	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/95-08/17/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/95-08/17/95	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/17/95-08/17/95	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/95-08/17/95	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/95-08/17/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/95-08/17/95	1	1.86	1.86	1.86	1.86	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/95-08/17/95	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/17/95-08/17/95	1	1.14	1.14	1.14	1.14	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/95-08/17/95	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0197

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0198

NPS Station ID: OLYM0198
LAT/LON: 47.967031/-123.859504
Agency: 11NPSWRD
Date Created: 11/15/97
Location: SOL DUC RIVER UPSTREAM FROM RESORT
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_SD1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 1625
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOGACHIEL PEAK WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON THE SOL DUC RIVER UPSTREAM FROM THE NEARBY RESORT. DATA ARE FROM THE 1995 PAPER "ASSESSMENT OF THE EFFECTS OF SOL DUC HOT SPRINGS RESORT ON RIVER WATER CHEMISTRY AND BIOTA" BY OLYMPIC NATIONAL PARK FISHERIES STAFF JOHN MEYER; SAM BRENKMAN; AND JEFF JACKSON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/94-08/17/94	3	10.8	11.067	12.8	9.6	2.613	1.617	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/94-08/17/94	3	80.	82.667	97.	71.	174.333	13.204	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/94-08/17/94	3	10.4	11.467	14.	10.	4.853	2.203	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/13/94-08/17/94	3	7.7	7.667	7.8	7.5	0.023	0.153	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/13/94-08/17/94	3	7.7	7.648	7.8	7.5	0.024	0.154	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/94-08/17/94	3	0.02	0.022	0.032	0.016	0.	0.008	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/03/94-11/15/94	2	9.	9.	10.	8.	2.	1.414	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	2	0.007	0.007	0.007	0.006	0.	0.001	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	2	0.32	0.32	0.59	0.05	0.146	0.382	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/94-11/15/94	2	0.05	0.05	0.06	0.04	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/94-11/15/94	2	0.007	0.007	0.007	0.006	0.	0.001	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/94-11/15/94	2 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/94-11/15/94	2 ##	0.002	0.002	0.004	0.001	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/94-11/15/94	2	14.6	14.6	16.	13.2	3.92	1.98	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/94-11/15/94	2	1.75	1.75	1.9	1.6	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/94-11/15/94	2	1.865	1.865	1.93	1.8	0.008	0.092	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/94-11/15/94	2 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/94-11/15/94	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/03/94-11/15/94	2	2.95	2.95	3.3	2.6	0.245	0.495	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/94-11/15/94	2 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/03/94-11/15/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/94-11/15/94	2 ##	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**

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

Parameter Inventory for Station: OLYM0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/94-11/15/94	2 ##	24.75	24.75	44.	5.5	741.125	27.224	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/94-11/15/94	2 ##	5.25	5.25	6.	4.5	1.125	1.061	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/03/94-11/15/94	2 ##	116.5	116.5	227.	6.	24420.5	156.271	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/94-11/15/94	2 ##	14.5	14.5	16.	13.	4.5	2.121	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/94-11/15/94	2 ##	7.5	7.5	14.	1.	84.5	9.192	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/03/94-11/15/94	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/03/94-11/15/94	2 ##	44.25	44.25	81.	7.5	2701.125	51.972	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/03/94-11/15/94	2	89.	89.	100.	78.	242.	15.556	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/94-11/15/94	2	3271.	3271.	6476.	66.	20544050.	4532.554	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	10/03/94-11/15/94	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	10/03/94-11/15/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/03/94-11/15/94	2 ##	265.75	265.75	508.	23.5	117370.125	342.593	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/03/94-11/15/94	2	2428.	2428.	2532.	2324.	21632.	147.078	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/03/94-11/15/94	2 ##	4.25	4.25	6.5	2.	10.125	3.182	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/13/94-08/17/94	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50064	CHLORINE, FREE AVAILABLE (MG/L)	07/13/94-08/17/94	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
80107	SULFUR, TOTAL (MG/L)	10/03/94-11/15/94	2	3.1	3.1	3.2	3.	0.02	0.141	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0198

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00							2	0	0.00	1	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00							2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00							2	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	1 &	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	1	0.50	2	1	0.50									
		Drinking Water	5000.	2	1	0.50	2	1	0.50									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	3	0	0.00							2	0	0.00	1	0	0.00
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	3	0	0.00							2	0	0.00	1	0	0.00

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

Station Inventory for Station: OLYM0199

NPS Station ID: OLYM0199 LAT/LON: 47.968087/-123.860309 Agency: 11NPSWRD Date Created: 11/15/97
Location: SOL DUC RIVER AT THE RESORT TRAILER PARK FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_NPS_SD2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 1625 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOGACHIEL PEAK WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON DUC RIVER AT THE RESORT TRAILER PARK. DATA ARE FROM THE 1995 PAPER "ASSESSMENT OF THE EFFECTS OF SOL DUC HOT SPRINGS RESORT ON RIVER WATER CHEMISTRY AND BIOTA" BY OLYMPIC NATIONAL PARK FISHERIES STAFF JOHN MEYER; SAM BRENKMAN; AND JEFF JACKSON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0199

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/94-08/17/94	3	17.9	17.3	20.1	13.9	9.88	3.143	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/94-08/17/94	3	170.	157.	174.	127.	679.	26.058	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/94-08/17/94	3	8.9	8.4	10.1	6.2	3.99	1.997	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/13/94-08/17/94	3	8.6	8.667	8.9	8.5	0.043	0.208	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/13/94-08/17/94	3	8.6	8.636	8.9	8.5	0.045	0.211	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/94-08/17/94	3	0.003	0.002	0.003	0.001	0.	0.001	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/13/94-08/17/94	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50064	CHLORINE, FREE AVAILABLE (MG/L)	07/13/94-08/17/94	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0199

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00							2	0	0.00	1	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00							2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00							2	0	0.00	1	0	0.00
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	3	0	0.00							2	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0199

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	3	0	0.00							2	0	0.00	1	0	0.00

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

Station Inventory for Station: OLYM0200

NPS Station ID: OLYM0200 LAT/LON: 47.968948/-123.860893 Agency: 11NPSWRD Date Created: 11/15/97
Location: SOL DUC RIVER AT HOT SPRINGS RESORT POOL OUTLET FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_NPS_SD3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 1625 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOGACHIEL PEAK WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON DUC RIVER AT THE HOT SPRINGS RESORT POOL OUTLET. DATA ARE FROM THE 199 PAPER "ASSESSMENT OF THE EFFECTS OF SOL DUC HOT SPRINGS RESORT ON RIVER WATER CHEMISTRY AND BIOTA" BY OLYMPIC NATIONAL PARK FISHERIES STAFF JOHN MEYER; SAM BRENKMAN; AND JEFF JACKSON.
LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT.
FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757.
TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/94-08/17/94	3	38.2	38.433	39.	38.1	0.243	0.493	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/94-08/17/94	3	400.	396.667	417.	373.	492.333	22.189	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/94-08/17/94	3	3.6	3.7	4.7	2.8	0.91	0.954	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/13/94-08/17/94	3	9.2	9.233	9.3	9.2	0.003	0.058	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/13/94-08/17/94	3	9.2	9.231	9.3	9.2	0.003	0.058	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/94-08/17/94	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/03/94-11/15/94	2	29.5	29.5	32.	27.	12.5	3.536	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	2	0.677	0.677	0.77	0.583	0.017	0.132	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	2	0.66	0.66	0.75	0.57	0.016	0.127	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/94-11/15/94	2	0.007	0.007	0.01	0.003	0.	0.005	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/94-11/15/94	2	0.021	0.021	0.023	0.019	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/94-11/15/94	2 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/94-11/15/94	2 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/94-11/15/94	2	1.35	1.35	1.7	1.	0.245	0.495	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/94-11/15/94	2 ##	0.313	0.313	0.6	0.025	0.165	0.407	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/94-11/15/94	2	73.795	73.795	81.67	65.92	124.031	11.137	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/94-11/15/94	2	0.92	0.92	1.04	0.8	0.029	0.17	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/94-11/15/94	2	19.	19.	21.	17.	8.	2.828	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/03/94-11/15/94	2	3.1	3.1	3.5	2.7	0.32	0.566	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/94-11/15/94	2 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/03/94-11/15/94	2	1168.5	1168.5	1338.	999.	57460.5	239.709	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/94-11/15/94	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/94-11/15/94	2 ##	11.5	11.5	20.	3.	144.5	12.021	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/94-11/15/94	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/03/94-11/15/94	2 ##	25.5	25.5	44.	7.	684.5	26.163	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/94-11/15/94	2 ##	13.25	13.25	14.	12.5	1.125	1.061	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/94-11/15/94	2 ##	1.	1.	1.5	0.5	0.5	0.707	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/03/94-11/15/94	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/03/94-11/15/94	2 ##	8.5	8.5	9.5	7.5	2.	1.414	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/03/94-11/15/94	2	50.	50.	53.	47.	18.	4.243	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/94-11/15/94	2	423.5	423.5	738.	109.	197820.5	444.77	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	10/03/94-11/15/94	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	10/03/94-11/15/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/03/94-11/15/94	2 ##	118.75	118.75	195.	42.5	11628.125	107.834	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/03/94-11/15/94	2	4212.5	4212.5	4501.	3924.	166464.5	408.001	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/03/94-11/15/94	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/13/94-08/17/94	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50064	CHLORINE, FREE AVAILABLE (MG/L)	07/13/94-08/17/94	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
80107	SULFUR, TOTAL (MG/L)	10/03/94-11/15/94	2	10.6	10.6	11.9	9.3	3.38	1.838	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0200

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	2	0.67							2	2	1.00	1	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	3	3	1.00							2	2	1.00	1	1	1.00
		Other-Lo Lim.	6.5	3	0	0.00							2	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	1	0.50	2	1	0.50									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	3	0	0.00							2	0	0.00	1	0	0.00
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	3	0	0.00							2	0	0.00	1	0	0.00

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

Station Inventory for Station: OLYM0201

NPS Station ID: OLYM0201 LAT/LON: 47.970227/-123.861392 Agency: 11NPSWRD Date Created: 11/15/97
Location: SOL DUC RIVER AT THE RESORT CONCRETE BRIDGE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_NPS_SD4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 1625 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOGACHIEL PEAK WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON DUC RIVER AT THE RESORT CONCRETE BRIDGE. DATA ARE FROM THE 1995 PAPER "ASSESSMENT OF THE EFFECTS OF SOL DUC HOT SPRINGS RESORT ON RIVER WATER CHEMISTRY AND BIOTA" BY OLYMPIC NATIONAL PARK FISHERIES STAFF JOHN MEYER; SAM BRENKMAN; AND JEFF JACKSON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/94-08/17/94	3	13.5	13.433	14.8	12.	1.963	1.401	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/94-08/17/94	3	93.	99.667	119.	87.	289.333	17.01	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/94-08/17/94	3	9.6	10.367	12.2	9.3	2.543	1.595	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/13/94-08/17/94	3	7.7	8.	8.6	7.7	0.27	0.52	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/13/94-08/17/94	3	7.7	7.85	8.6	7.7	0.304	0.551	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/94-08/17/94	3	0.02	0.014	0.02	0.003	0.	0.01	**	**	**	**
30209	FLOW, INSTANTANEOUS, (CUBIC METERS / SEC) CMS	07/13/94-08/17/94	2	1.295	1.295	1.44	1.15	0.042	0.205	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/13/94-08/17/94	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
50064	CHLORINE, FREE AVAILABLE (MG/L)	07/13/94-08/17/94	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0201

Parameter				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00							2	0	0.00	1	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00							2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00							2	0	0.00	1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	3	0	0.00							2	0	0.00	1	0	0.00
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	3	0	0.00							2	0	0.00	1	0	0.00

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

Station Inventory for Station: OLYM0202

NPS Station ID: OLYM0202 | LAT/LON: 47.952504/-123.861671 | Agency: 11NPSWRD | Date Created: 04/25/98
Location: MINK LAKE CREEK | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): OLYM_NPS_RM-MLC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: WASHINGTON COAST | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOGACHIEL PEAK WASHINGTON-CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON MINK LAKE CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/95-07/05/95	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/05/95-07/05/95	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/05/95-07/05/95	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/95-07/05/95	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/05/95-07/05/95	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/05/95-07/05/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/05/95-07/05/95	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/05/95-07/05/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/05/95-07/05/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/05/95-07/05/95	2	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/05/95-07/05/95	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/05/95-07/05/95	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/05/95-07/05/95	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/05/95-07/05/95	1	1.51	1.51	1.51	1.51	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/05/95-07/05/95	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/05/95-07/05/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/05/95-07/05/95	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	07/05/95-07/05/95	1	1.08	1.08	1.08	1.08	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/05/95-07/05/95	1	40.	40.	40.	40.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0202

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OLYM0203

NPS Station ID: OLYM0203 LAT/LON: 47.968559/-123.862559 Agency: 11NPSWRD Date Created: 11/15/97
Location: SOL DUC HOT SPRINGS AT RESORT SWIMMING POOL FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): OLYM_NPS_SHS
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 1625 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOGACHIEL PEAK WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE SOURCE OF THE SOL DUC HOT SPRINGS BEFORE IT ENTERS THE RESORT SWIMMING POOL. DATA ARE FROM THE 1995 PAPER "ASSESSMENT OF THE EFFECTS OF SOL DUC HOT SPRINGS RESORT ON RIVER WATER CHEMISTRY AND BIOTA" BY OLYMPIC NATIONAL PARK FISHERIES STAFF JOHN MEYER; SAM BRENKMAN; AND JEFF JACKSON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
38680	CHLOROTOLUENE,2-, TOTAL, WATER UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
49547	BROMOMETHANE, TOTAL, WATER UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77135	O-XYLENE WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77170	2,2-DICHLOROPROPANE WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
77596	METHYLENE BROMIDE WHOLE WATER,UG/L	06/26/91-06/26/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
85795	XYLENE, META & PARA, WATER, WHOLE UG/L	06/26/91-06/26/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00							1	0	0.00			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: OLYM0204

NPS Station ID: OLYM0204
LAT/LON: 47.968893/-123.863060
Agency: 112WRD
Date Created: 02/28/78
Location: 29N/09W-32C01S
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 475808123514701
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/54-10/04/67	2	51.75	51.75	55.5	48.	28.125	5.303	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/30/54-10/04/67	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/54-10/04/67	2	356.	356.	357.	355.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/54-10/04/67	2	9.35	9.35	9.5	9.2	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/54-10/04/67	2	9.325	9.325	9.5	9.2	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/54-10/04/67	2	0.	0.	0.001	0.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/30/54-11/30/54	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/30/54-11/30/54	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/30/54-11/30/54	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/30/54-11/30/54	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/30/54-10/04/67	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/30/54-11/30/54	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/30/54-11/30/54	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/30/54-11/30/54	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/30/54-11/30/54	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/30/54-11/30/54	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/30/54-11/30/54	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/30/54-11/30/54	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/30/54-10/04/67	2	10.5	10.5	17.	4.	84.5	9.192	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/30/54-11/30/54	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/30/54-11/30/54	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/30/54-10/04/67	2	58.	58.	58.	58.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/04/67-10/04/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/30/54-11/30/54	1	262.	262.	262.	262.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/30/54-11/30/54	1	266.	266.	266.	266.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	11/30/54-11/30/54	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	2	2	1.00	2	2	1.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: OLYM0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
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									
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OLYM0205

NPS Station ID: OLYM0205
LAT/LON: 47.968893/-123.863060
Agency: 112WRD
Date Created: 02/28/78
Location: 29N/09W-32C05S
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 475808123514705
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0205

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/66-10/04/66	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/66-10/04/66	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/66-10/04/66	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/04/66-10/04/66	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/04/66-10/04/66	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/66-10/04/66	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/66-10/04/66	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/66-10/04/66	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/66-10/04/66	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/04/66-10/04/66	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0205

Parameter				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OLYM0206

NPS Station ID: OLYM0206
LAT/LON: 47.968893/-123.863060
Agency: 112WRD
Date Created: 02/28/78
Location: 29N/09W-32C02S
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 475808123514702
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/67-10/04/67	1	44.5	44.5	44.5	44.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/67-10/04/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/67-10/04/67	1	355.	355.	355.	355.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/04/67-10/04/67	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/04/67-10/04/67	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/67-10/04/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/67-10/04/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/67-10/04/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/67-10/04/67	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/04/67-10/04/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0206

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OLYM0207

NPS Station ID: OLYM0207
LAT/LON: 47.968893/-123.863060
Agency: 112WRD
Date Created: 02/28/78
Location: 29N/09W-32C04S
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 475808123514704
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/67-01/27/68	2	43.5	43.5	45.	42.	4.5	2.121	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/67-01/27/68	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/67-01/27/68	3	330.	302.	342.	234.	3504.	59.195	**	**	**	**
00400	PH (STANDARD UNITS)	10/04/67-01/27/68	3	9.3	9.267	9.4	9.1	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/04/67-01/27/68	3	9.3	9.248	9.4	9.1	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/67-01/27/68	3	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/22/67-01/27/68	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/22/67-01/27/68	2	112.5	112.5	140.	85.	1512.5	38.891	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/22/67-01/27/68	2	81.	81.	85.	77.	32.	5.657	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/22/67-01/27/68	2	27.5	27.5	42.	13.	420.5	20.506	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/67-01/27/68	3	4.	5.	8.	3.	7.	2.646	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/22/67-01/27/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/22/67-01/27/68	2	1.25	1.25	1.3	1.2	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/22/67-01/27/68	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/27/68-01/27/68	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/27/68-01/27/68	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	01/27/68-01/27/68	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/27/68-01/27/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/67-01/27/68	3	19.	18.	24.	11.	43.	6.557	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/27/68-01/27/68	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/27/68-01/27/68	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/67-01/27/68	3	47.	44.667	49.	38.	34.333	5.859	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/04/67-01/27/68	3	70.	58.333	100.	5.	2358.333	48.563	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/27/68-01/27/68	1	252.	252.	252.	252.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/27/68-01/27/68	1	265.	265.	265.	265.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/22/67-01/27/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0207

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	3	3	1.00	2	2	1.00	1	1	1.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: OLYM0207

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	250.	3	0	0.00	2	0	0.00	1	0	0.00						
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						
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	2	0	0.00	1	0	0.00	1	0	0.00						

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

Station Inventory for Station: OLYM0208

NPS Station ID: OLYM0208
LAT/LON: 47.968893/-123.863060
Agency: 112WRD
Date Created: 02/28/78
Location: 29N/09W-32C03S
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 475808123514703
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/67-10/04/67	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/67-10/04/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/67-10/04/67	1	354.	354.	354.	354.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/04/67-10/04/67	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/04/67-10/04/67	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/67-10/04/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/67-10/04/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/04/67-10/04/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/67-10/04/67	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/04/67-10/04/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: OLYM0209

NPS Station ID: OLYM0209 LAT/LON: 47.968392/-123.863337 Agency: 11NPSWRD Date Created: 11/15/97
Location: SOL DUC HOT SPRINGS DRAINAGE DITCH AT RESORT FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): OLYM_NPS_SDD
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 1625 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOGACHIEL PEAK WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE HEAD OF THE SOL DUC HOT SPRINGS DRAINAGE DITCH. DATA ARE FROM THE 1995 PAPER "ASSESSMENT OF THE EFFECTS OF SOL DUC HOT SPRINGS RESORT ON RIVER WATER CHEMISTRY AND BIOTA" BY OLYMPIC NATIONAL PARK FISHERIES STAFF JOHN MEYER; SAM BRENKMAN; AND JEFF JACKSON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00440	BICARBONATE ION (MG/L AS HCO3)	10/03/94-11/15/94	2	18.	18.	30.	6.	288.	16.971	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	2	0.445	0.445	0.776	0.114	0.219	0.468	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	2	0.455	0.455	0.76	0.15	0.186	0.431	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/94-11/15/94	2	0.022	0.022	0.04	0.004	0.001	0.025	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/94-11/15/94	2	0.02	0.02	0.028	0.012	0.	0.011	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/94-11/15/94	2 ##	0.026	0.026	0.029	0.023	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/94-11/15/94	2 ##	0.002	0.002	0.003	0.001	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/94-11/15/94	2	1.9	1.9	2.4	1.4	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/94-11/15/94	2	0.5	0.5	0.9	0.1	0.32	0.566	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/94-11/15/94	2	45.635	45.635	78.26	13.01	2128.781	46.139	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/94-11/15/94	2 ##	0.082	0.082	0.09	0.075	0.	0.011	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/94-11/15/94	2	14.5	14.5	18.	11.	24.5	4.95	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/03/94-11/15/94	2	3.9	3.9	6.1	1.7	9.68	3.111	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/94-11/15/94	2 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/03/94-11/15/94	2	653.5	653.5	1182.	125.	558624.5	747.412	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/94-11/15/94	2 ##	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/94-11/15/94	2 ##	13.25	13.25	17.	9.5	28.125	5.303	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/94-11/15/94	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/03/94-11/15/94	2	95.	95.	116.	74.	882.	29.698	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/94-11/15/94	2 ##	19.75	19.75	23.5	16.	28.125	5.303	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/94-11/15/94	2	13.	13.	17.	9.	32.	5.657	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/03/94-11/15/94	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: OLYM0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/03/94-11/15/94	2 ##	8.75	8.75	9.5	8.	1.125	1.061	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/03/94-11/15/94	2	32.5	32.5	46.	19.	364.5	19.092	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/94-11/15/94	2	406.	406.	744.	68.	228488.	478.004	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	10/03/94-11/15/94	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	10/03/94-11/15/94	2 ##	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/03/94-11/15/94	2	174.5	174.5	189.	160.	420.5	20.506	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/03/94-11/15/94	2	2528.	2528.	3639.	1417.	2468642.	1571.191	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/03/94-11/15/94	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
80107	SULFUR, TOTAL (MG/L)	10/03/94-11/15/94	2	6.	6.	10.	2.	32.	5.657	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: OLYM0209

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	1	0.50	2	1	0.50									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: OLYM0210

NPS Station ID: OLYM0210 LAT/LON: 48.055005/-123.864781 Agency: 11NPSWRD Date Created: 11/01/97
Location: LAKE CRESCENT NEAR LA POEL PICNIC AREA FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): OLYM_NPSWRD_LAP
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 580 Water Body Id:
Minor Basin: PUGET SOUND ECO Region:
RF1 Index: 17110021 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LAKE CRESCENT WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS NEAR-SHORE SITE IS ON LAKE CRESCENT BY THE LA POEL PICNIC AREA. DATA ARE FROM THE 1989 NATIONAL PARK SERVICE WATER RESOURCES DIVISION REPORT "TROPHIC STATUS & ASSESSMENT OF NON-POINT SOURCE NUTRIENT ENRICHMENT LAKE CRESCENT OLYMPIC NATIONAL PARK" BY TERENCE P. BOYLE AND DAVID R. BEESON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK 600 EAST PARK AVENUE PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	6	13.	13.	13.	13.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	6	17.5	17.	20.	14.	6.4	2.53	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	6	19.	18.333	20.	15.	3.867	1.966	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	6	120.	123.333	140.	120.	66.667	8.165	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	6	9.15	9.167	9.5	8.8	0.067	0.258	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	6	7.35	7.355	7.78	6.9	0.099	0.315	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/13/87-09/26/87	6	7.347	7.262	7.78	6.9	0.109	0.331	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/87-09/26/87	6	0.045	0.055	0.126	0.017	0.002	0.04	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	6	0.035	0.043	0.1	0.01	0.001	0.031	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	6	0.009	0.01	0.015	0.004	0.	0.004	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	6	0.2	0.255	0.5	0.03	0.04	0.2	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0210

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00							2	0	0.00	4	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0210

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406 PH, FIELD	Fresh Chronic	9.	6	0	0.00							2	0	0.00	4	0	0.00
	Other-Lo Lim.	6.5	6	0	0.00							2	0	0.00	4	0	0.00

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

Station Inventory for Station: OLYM0211

NPS Station ID: OLYM0211 LAT/LON: 47.971337/-123.865615 Agency: 11NPSWRD Date Created: 11/15/97
Location: SOL DUC RIVER 800M DOWNSTREAM FROM RESORT BRIDGE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_NPS_SD5
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 1600 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE BOGACHIEL PEAK WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON DUC RIVER 800M DOWNSTREAM FROM THE RESORT CONCRETE BRIDGE. DATA ARE FROM THE 1995 PAPER "ASSESSMENT OF THE EFFECTS OF SOL DUC HOT SPRINGS RESORT ON RIVER WATER CHEMISTRY AND BIOTA" BY OLYMPIC NATIONAL PARK FISHERIES STAFF JOHN MEYER; SAM BRENKMAN; AND JEFF JACKSON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/94-08/17/94	3	11.7	11.333	12.6	9.7	2.203	1.484	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/94-08/17/94	3	86.	88.333	102.	77.	160.333	12.662	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/13/94-08/17/94	3	9.8	11.067	13.6	9.8	4.813	2.194	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/13/94-08/17/94	3	7.8	7.7	7.8	7.5	0.03	0.173	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/13/94-08/17/94	3	7.8	7.676	7.8	7.5	0.031	0.176	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/94-08/17/94	3	0.016	0.021	0.032	0.016	0.	0.009	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/03/94-11/15/94	2	9.	9.	10.	8.	2.	1.414	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	2 ##	0.014	0.014	0.027	0.001	0.	0.018	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/03/94-11/15/94	2	0.205	0.205	0.38	0.03	0.061	0.247	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/94-11/15/94	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/94-11/15/94	2	0.009	0.009	0.013	0.005	0.	0.006	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/03/94-11/15/94	2 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/94-11/15/94	2	0.004	0.004	0.006	0.002	0.	0.003	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/94-11/15/94	2	12.45	12.45	15.8	9.1	22.445	4.738	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/94-11/15/94	2	1.5	1.5	1.6	1.4	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/94-11/15/94	2	6.16	6.16	8.88	3.44	14.797	3.847	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/94-11/15/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/94-11/15/94	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/03/94-11/15/94	2	3.	3.	3.6	2.4	0.72	0.849	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/94-11/15/94	2 ##	75.	75.	75.	75.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/03/94-11/15/94	2 ##	38.75	38.75	75.	2.5	2628.125	51.265	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/94-11/15/94	2 ##	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**

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

Parameter Inventory for Station: OLYM0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/03/94-11/15/94	2 ##	5.25	5.25	5.5	5.	0.125	0.354	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/94-11/15/94	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/03/94-11/15/94	2	63.	63.	82.	44.	722.	26.87	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/94-11/15/94	2 ##	20.5	20.5	27.	14.	84.5	9.192	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/94-11/15/94	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/03/94-11/15/94	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/03/94-11/15/94	2 ##	7.25	7.25	7.5	7.	0.125	0.354	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/03/94-11/15/94	2	76.5	76.5	97.	56.	840.5	28.991	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/94-11/15/94	2	435.5	435.5	781.	90.	238740.5	488.611	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	10/03/94-11/15/94	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	10/03/94-11/15/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/03/94-11/15/94	2 ##	104.5	104.5	164.	45.	7080.5	84.146	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	10/03/94-11/15/94	2	2162.5	2162.5	2461.	1864.	178204.5	422.143	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	10/03/94-11/15/94	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/13/94-08/17/94	3 ##	0.01	0.073	0.2	0.01	0.012	0.11	**	**	**	**
50064	CHLORINE, FREE AVAILABLE (MG/L)	07/13/94-08/17/94	3 ##	0.01	0.023	0.05	0.01	0.001	0.023	**	**	**	**
80107	SULFUR, TOTAL (MG/L)	10/03/94-11/15/94	2	3.1	3.1	3.4	2.8	0.18	0.424	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00							2	0	0.00	1	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00							2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00							2	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	1 &	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	1	0.50	2	1	0.50									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	3	1	0.33							2	1	0.50	1	0	0.00
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	2 &	0	0.00							2	0	0.00			

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

Station Inventory for Station: OLYM0212

NPS Station ID: OLYM0212
LAT/LON: 47.686670/-123.888059
Agency: 11NPSWRD
Date Created: 04/25/98
Location: HARLOW CREEK
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-HAC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100102
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE KLOOCHMAN ROCK WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON HARLOW CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/17/95-08/17/95	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/17/95-08/17/95	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/95-08/17/95	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/17/95-08/17/95	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/17/95-08/17/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/95-08/17/95	2	0.008	0.008	0.009	0.006	0.	0.002	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/17/95-08/17/95	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/95-08/17/95	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/17/95-08/17/95	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/17/95-08/17/95	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/95-08/17/95	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/95-08/17/95	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/17/95-08/17/95	1	1.91	1.91	1.91	1.91	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/17/95-08/17/95	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/17/95-08/17/95	1	1.09	1.09	1.09	1.09	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/17/95-08/17/95	1	43.	43.	43.	43.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: OLYM0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: OLYM0213

NPS Station ID: OLYM0213
LAT/LON: 47.457781/-123.888059
Agency: 21540000
Date Created: / /
Location: QUINAULT RIVER AT LAKE QUINAULT
FIPS State/County: 53027 WASHINGTON/GRAYS HARBOR
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 21B090 /2721B090 /12039500 /541081
RMI-Indexes: 1312064
Within Park Boundary: No
RMI-Miles: 0033.40
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COASTAL (QUEETS QUINAULT-21)
ECO Region:
RF1 Index: 17100102012
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED AT THE BRIDGE ON HIGHWAY 101 OVER THE QUINAULT RIVER AT AMANDA PARK, TWO MILES SOUTHWEST OF QUINAULT
SOUTHWEST REGION 15 QUAD- QUINAULT LAKE
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 200

Parameter Inventory for Station: OLYM0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/59-09/27/94	34	8.75	9.456	19.6	3.	24.697	4.97	3.5	5.5	13.7	18.15
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/27/94	12	760.	761.667	771.	756.	19.152	4.376	756.3	760.	762.75	770.4
00060	FLOW, STREAM, MEAN DAILY CFS	07/06/59-09/27/94	21	1680.	1785.952	6120.	191.	2062643.148	1436.19	291.2	728.	2315.	4116.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/08/65-09/13/67	17	608.	669.647	1690.	170.	227057.993	476.506	186.8	274.	962.5	1474.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/23/63-06/03/65	4	2.5	5.	15.	0.	50.	7.071	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/06/59-09/13/67	8	5.	3.125	5.	0.	6.696	2.588	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/59-09/27/94	21	62.	65.	108.	48.	197.6	14.057	50.8	56.5	66.	87.6
00300	OXYGEN, DISSOLVED MG/L	07/06/59-09/27/94	16	10.45	10.475	12.1	9.2	0.757	0.87	9.27	9.725	10.975	11.96
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/17/77-09/27/94	23	98.7	95.909	109.5	79.1	74.641	8.639	84.06	87.9	103.8	106.92
00400	PH (STANDARD UNITS)	07/06/59-09/27/94	20	7.4	7.4	8.	6.9	0.077	0.277	7.01	7.2	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/06/59-09/27/94	20	7.4	7.32	8.	6.9	0.084	0.289	7.01	7.2	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/59-09/27/94	20	0.04	0.048	0.126	0.01	0.001	0.03	0.02	0.025	0.063	0.098
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/29/66-09/13/67	3	30.	28.	33.	21.	39.	6.245	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/06/59-09/13/67	8	30.	32.625	45.	26.	49.696	7.05	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/13/47-09/13/67	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/13/67-09/13/67	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/13/67-09/27/94	13	2.	2.462	11.	0.5	7.561	2.75	0.5	1.	2.5	8.2
00600	NITROGEN, TOTAL (MG/L AS N)	10/26/93-08/23/94	10	0.11	0.101	0.16	0.03	0.002	0.049	0.032	0.05	0.145	0.16
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-08/23/94	10 ##	0.005	0.01	0.022	0.005	0.	0.007	0.005	0.005	0.019	0.022
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/27/71-08/08/72	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/13/47-08/08/72	32	0.15	0.162	0.5	0.	0.016	0.128	0.	0.053	0.275	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/27/94	12 ##	0.018	0.043	0.12	0.005	0.002	0.048	0.005	0.005	0.098	0.12
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/13/67-09/13/67	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/06/59-09/21/59	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/93-08/23/94	10 ##	0.005	0.007	0.018	0.005	0.	0.004	0.005	0.005	0.007	0.017
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/27/94	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/59-09/13/67	8	29.5	32.375	48.	24.	75.125	8.667	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/06/59-09/13/67	8	5.5	5.75	11.	2.	10.214	3.196	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/59-09/13/67	8	11.	11.938	18.	9.5	9.103	3.017	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/59-09/13/67	8	0.7	0.65	1.3	0.1	0.154	0.393	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/59-09/13/67	8	1.5	1.475	1.8	1.1	0.054	0.231	**	**	**	**

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

Parameter Inventory for Station: OLYM0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931	SODIUM ADSORPTION RATIO	07/29/66-07/29/66	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/29/66-07/29/66	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/59-09/13/67	9	0.3	0.322	1.	0.1	0.079	0.282	0.1	0.1	0.4	1.
00940	CHLORIDE,TOTAL IN WATER MG/L	07/06/59-09/13/67	8	0.5	0.525	1.	0.	0.145	0.381	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/06/59-09/13/67	8	8.	8.75	14.	6.	7.929	2.816	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/06/59-09/13/67	8	0.1	0.087	0.2	0.	0.004	0.064	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/59-09/13/67	9	4.5	4.411	6.	3.	0.796	0.892	3.	3.7	4.9	6.
01020	BORON, DISSOLVED (UG/L AS B)	05/20/48-05/20/48	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/19/67-10/19/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/06/59-09/21/59	2	45.	45.	50.	40.	50.	7.071	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/19/67-10/19/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	09/13/67-09/13/67	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	09/13/67-09/13/67	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	09/13/67-09/13/67	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	09/13/67-09/13/67	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	09/13/67-09/13/67	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/13/67-09/13/67	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/06/59-08/02/66	4	18.	18.	36.	0.	432.	20.785	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/06/59-08/02/66	4	0.778	0.778	1.556	0.	0.807	0.899	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			6.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/27/94	12	1.	3.208	12.	0.5	19.43	4.408	0.5	0.5	6.5	11.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/27/94	12	0.	0.152	1.079	-0.301	0.303	0.55	-0.301	-0.301	0.753	1.068
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.418								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/06/59-09/17/69	9	44.	64.778	226.	34.	3753.194	61.263	34.	35.5	59.	226.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/29/66-07/29/66	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/14/65-09/13/67	5	0.1	0.12	0.3	0.	0.012	0.11	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	09/13/67-09/13/67	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	09/13/67-09/13/67	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	09/13/67-09/13/67	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	09/13/67-09/13/67	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/08/65-09/13/67	17	2.	2.118	6.	0.	2.485	1.576	0.8	1.	2.5	5.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/08/65-09/13/67	17	1.4	5.34	27.	0.	56.327	7.505	0.368	0.75	7.55	20.6
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/27/94	12	1.05	2.2	8.1	0.6	5.178	2.276	0.6	0.725	3.775	6.87

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

EPA Water Quality Criteria Analysis for Station: OLYM0213

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00				2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	5	0	0.00
00400	PH	Fresh Chronic	9.	20	0	0.00	2	0	0.00	5	0	0.00	7	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	20	0	0.00	2	0	0.00	5	0	0.00	7	0	0.00	6	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	32	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00				1	0	0.00	3	0	0.00	4	0	0.00
		Drinking Water	250.	8	0	0.00				1	0	0.00	3	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00				1	0	0.00	3	0	0.00	4	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	8	0	0.00				1	0	0.00	3	0	0.00	4	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00										1	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	0	0.00							1	0	0.00	3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00

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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/59-09/27/94	3	9.7	10.633	13.7	8.5	7.413	2.723	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more 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: 12/01 to 3/31 - Station OLYM0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/59-09/27/94	9	4.	4.8	6.8	3.	2.898	1.702	3.	3.25	6.7	6.8

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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/59-09/27/94	12	8.5	9.267	19.1	3.5	24.146	4.914	3.65	5.5	13.625	17.72

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

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/59-09/27/94	10	12.9	13.52	19.6	9.	16.282	4.035	9.05	9.5	17.975	19.49

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

Station Inventory for Station: OLYM0214

NPS Station ID: OLYM0214 LAT/LON: 47.457781/-123.888059 Agency: 112WRD Date Created: / /
Location: QUINAULT RIVER AT QUINAULT LAKE, WASH. FIPS State/County: 53027 WASHINGTON/GRAYS HARBOR
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12039500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100102 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100102011 RF1 Mile Point: 14.760 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/59-04/30/80	52	8.5	9.715	19.5	5.1	15.703	3.963	5.72	6.5	12.025	17.
00060	FLOW, STREAM, MEAN DAILY CFS	10/27/59-06/05/70	21	2910.	3527.905	9860.	526.	3977376.19	1994.336	1580.	2465.	4100.	6472.
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/13/47-04/30/80	36	2560.	3154.917	14200.	858.	5894571.05	2427.874	945.5	1575.	3785.	5878.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/27/71-09/29/78	23	2.	4.261	20.	0.	25.111	5.011	1.	1.	5.	13.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/16/78-04/30/80	10	1.	3.7	20.	1.	36.233	6.019	1.	1.	3.25	18.7
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/59-04/30/80	55	5.	10.091	61.	0.	151.084	12.292	0.	5.	11.	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/47-04/30/80	56	59.	59.375	83.	38.	51.075	7.147	51.7	55.25	62.75	67.2
00300	OXYGEN, DISSOLVED MG/L	10/27/59-04/30/80	48	10.95	10.84	13.	9.	0.794	0.891	9.78	10.	11.45	12.
00400	PH (STANDARD UNITS)	05/20/48-04/30/80	56	7.2	7.145	7.6	6.3	0.059	0.242	6.8	7.	7.3	7.4
00400	CONVERTED PH (STANDARD UNITS)	05/20/48-04/30/80	56	7.2	7.065	7.6	6.3	0.065	0.255	6.8	7.	7.3	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/48-04/30/80	56	0.063	0.086	0.501	0.025	0.005	0.071	0.04	0.05	0.1	0.158
00405	CARBON DIOXIDE (MG/L AS CO2)	04/11/72-07/17/79	19	2.2	2.437	8.	0.4	2.424	1.557	1.3	1.5	2.6	3.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/59-04/30/80	48	21.	20.354	26.	1.	14.319	3.784	16.	19.25	22.	24.
00440	BICARBONATE ION (MG/L AS HCO3)	09/13/47-07/17/79	45	26.	25.6	34.	1.	22.7	4.764	22.	24.	28.	30.4
00445	CARBONATE ION (MG/L AS CO3)	10/27/59-07/17/79	32	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-04/30/80	34	0.04	0.048	0.17	0.005	0.002	0.042	0.005	0.01	0.073	0.105
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	4	0.002	0.003	0.006	0.002	0.	0.002	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	6	0.05	0.048	0.1	0.01	0.001	0.032	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	6	0.06	0.055	0.09	0.02	0.001	0.027	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	5	0.14	0.14	0.21	0.07	0.003	0.051	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-04/30/80	22	0.065	0.065	0.24	0.01	0.003	0.053	0.01	0.018	0.09	0.114
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/14/79-05/14/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/27/59-04/30/80	40	0.	0.014	0.15	0.	0.001	0.027	0.	0.	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-04/30/80	34	0.012	0.021	0.16	0.002	0.001	0.027	0.005	0.01	0.02	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-04/30/80	34 ##	0.005	0.007	0.05	0.001	0.	0.008	0.004	0.005	0.009	0.011
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/47-04/30/80	51	24.	24.373	42.	19.	11.398	3.376	21.	22.	26.	27.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/47-04/30/80	51	3.	3.922	25.	0.	18.314	4.279	0.	2.	5.	7.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/47-04/30/80	51	8.5	8.7	14.	6.8	1.179	1.086	7.62	8.	9.2	9.78
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/47-04/30/80	51	0.6	0.712	4.	0.2	0.273	0.522	0.4	0.5	0.8	0.88
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/59-04/30/80	49	1.6	1.594	2.2	0.9	0.065	0.255	1.3	1.4	1.7	1.9
00931	SODIUM ADSORPTION RATIO	10/27/59-04/30/80	46	0.1	0.128	0.2	0.1	0.002	0.046	0.1	0.1	0.2	0.2
00932	SODIUM, PERCENT	09/13/47-04/30/80	48	12.	12.833	32.	7.	12.482	3.533	10.	11.25	14.	15.1
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/13/47-01/15/80	6	2.05	3.083	5.8	1.7	3.302	1.817	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/59-04/30/80	48	0.2	0.221	0.6	0.	0.016	0.127	0.1	0.125	0.3	0.4
00940	CHLORIDE,TOTAL IN WATER MG/L	09/13/47-04/30/80	51	1.	3.922	130.	0.5	324.611	18.017	0.76	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/13/47-04/30/80	45	6.	6.222	13.	4.	3.086	1.757	5.	5.	7.	8.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/47-06/05/70	23	0.1	0.078	0.2	0.	0.003	0.052	0.	0.	0.1	0.1

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Parameter Inventory for Station: OLYM0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/13/47-06/05/70	23	4.7	6.409	44.	3.3	67.843	8.237	3.92	4.3	4.9	7.02
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/27/59-04/30/80	26	0.5	0.442	1.	0.	0.187	0.432	0.	0.	1.	1.
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/17/77-04/30/80	16	9.5	47.75	400.	3.	9267.8	96.269	4.4	6.25	50.	155.
01020	BORON, DISSOLVED (UG/L AS B)	04/15/60-11/14/68	10	5.	6.	20.	0.	48.889	6.992	0.	0.	10.	19.
01022	BORON, TOTAL (UG/L AS B)	05/20/48-05/20/48	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/17/77-04/30/80	16 ##	1.	1.656	6.	0.	2.391	1.546	0.35	0.625	2.	4.6
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/27/59-04/30/80	25	0.	1.2	10.	0.	11.	3.317	0.	0.	0.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/19/67-09/10/69	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/27/59-04/30/80	28	3.	18.75	370.	0.	4802.639	69.301	0.	0.	9.75	21.
01045	IRON, TOTAL (UG/L AS FE)	05/20/48-06/03/65	14	130.	142.143	270.	30.	5833.516	76.377	50.	80.	232.5	260.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/17/77-04/30/80	16	0.5	5.188	32.	0.	88.429	9.404	0.	0.	4.75	25.7
01075	SILVER, DISSOLVED (UG/L AS AG)	11/17/77-04/30/80	16 ##	0.	0.063	1.	0.	0.063	0.25	0.	0.	0.	0.3
01090	ZINC, DISSOLVED (UG/L AS ZN)	12/23/63-04/30/80	26	7.5	12.865	100.	0.	573.651	23.951	0.	0.	10.	45.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/17/77-04/30/80	16 ##	0.5	0.438	1.	0.	0.096	0.31	0.	0.125	0.5	1.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/71-09/17/74	18	155.	351.667	2000.	10.	230661.765	480.273	19.	100.	412.5	1100.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/27/71-09/17/74	18	2.185	2.242	3.301	1.	0.319	0.565	1.271	2.	2.615	3.03
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			174.586								
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	10/27/59-08/04/66	14	0.	21.571	230.	0.	3767.495	61.38	0.	0.	9.	133.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	10/27/59-08/04/66	14	0.	0.391	2.362	0.	0.637	0.798	0.	0.	0.389	1.959
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			2.461								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/77-04/30/80	16	2.5	3.219	14.	0.5	12.832	3.582	0.5	0.5	4.	9.8
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/77-04/30/80	16	0.389	0.269	1.146	-0.301	0.236	0.486	-0.301	-0.301	0.602	0.976
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.858								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/47-06/05/70	23	36.	37.261	51.	31.	25.565	5.056	32.	34.	39.	46.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/14/68-07/17/79	4	34.	34.5	39.	31.	13.667	3.697	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	09/13/47-07/17/79	21	262.	336.781	958.	55.4	43233.628	207.927	126.2	221.	404.	657.6
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/13/47-07/17/79	22	0.05	0.051	0.07	0.04	0.	0.009	0.04	0.048	0.05	0.07
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/14/79-04/30/80	7	0.02	0.024	0.1	0.	0.001	0.035	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/13/47-05/20/48	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/27/59-06/05/70	21	0.2	0.186	0.5	0.	0.017	0.131	0.	0.1	0.3	0.38
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/14/79-04/30/80	7	0.06	0.051	0.09	0.	0.001	0.029	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/17/77-04/30/80	16 ##	0.05	0.159	1.6	0.	0.149	0.387	0.035	0.05	0.088	0.62

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0214

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	23	0	0.00	4	0	0.00	8	0	0.00	7	0	0.00	4	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	10	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	0	0.00	8	0	0.00	18	0	0.00	16	0	0.00	6	0	0.00
00400	PH	Fresh Chronic	9.	56	0	0.00	10	0	0.00	19	0	0.00	20	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	56	1	0.02	10	0	0.00	19	1	0.05	20	0	0.00	7	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	22	0	0.00	4	0	0.00	8	0	0.00	7	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	51	0	0.00	9	0	0.00	17	0	0.00	18	0	0.00	7	0	0.00
		Drinking Water	250.	51	0	0.00	9	0	0.00	17	0	0.00	18	0	0.00	7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	45	0	0.00	8	0	0.00	15	0	0.00	16	0	0.00	6	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	23	0	0.00	4	0	0.00	7	0	0.00	9	0	0.00	3	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	26	0	0.00	5	0	0.00	9	0	0.00	9	0	0.00	3	0	0.00
		Drinking Water	50.	26	0	0.00	5	0	0.00	9	0	0.00	9	0	0.00	3	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	16	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	16	2	0.13	3	0	0.00	6	1	0.17	5	1	0.20	2	0	0.00
		Drinking Water	5.	16	1	0.06	3	0	0.00	6	1	0.17	5	0	0.00	2	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	25	0	0.00	4	0	0.00	9	0	0.00	9	0	0.00	3	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	2	0	0.00							1	0	0.00

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

EPA Water Quality Criteria Analysis for Station: OLYM0214

Parameter				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01040	COPPER, DISSOLVED	Fresh Acute	18.	28	5	0.18	6	1	0.17	9	3	0.33	9	1	0.11	4	0	0.00
		Drinking Water	1300.	28	0	0.00	6	0	0.00	9	0	0.00	9	0	0.00	4	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	16	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	15.	16	2	0.13	3	1	0.33	6	1	0.17	5	0	0.00	2	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	16	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	100.	16	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	26	0	0.00	5	0	0.00	9	0	0.00	8	0	0.00	4	0	0.00
		Drinking Water	5000.	26	0	0.00	5	0	0.00	9	0	0.00	8	0	0.00	4	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	16	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	50.	16	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	18	2	0.11	3	0	0.00	6	1	0.17	6	1	0.17	3	0	0.00
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	14	0	0.00	2	0	0.00	6	0	0.00	5	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	16	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	2	0	0.00							1	0	0.00	1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	21	0	0.00	4	0	0.00	7	0	0.00	8	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	16	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	2.	16	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00

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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/59-04/30/80	9	8.6	9.056	11.1	7.2	1.96	1.4	7.2	8.05	10.65	11.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/13/47-04/30/80	6	3095.	3625.	6810.	1400.	5630270.	2372.819	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/59-04/30/80	10	5.	10.7	51.	4.	207.344	14.399	4.1	5.	10.5	47.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/47-04/30/80	10	56.	56.4	63.	45.	25.6	5.06	45.9	54.75	61.	62.8
00300	OXYGEN, DISSOLVED MG/L	10/27/59-04/30/80	8	10.25	10.6	13.	9.6	1.26	1.122	**	**	**	**
00400p	PH (STANDARD UNITS)	05/20/48-04/30/80	10	7.2	7.15	7.5	6.6	0.069	0.264	6.62	7.025	7.3	7.48
00400p	CONVERTED PH (STANDARD UNITS)	05/20/48-04/30/80	10	7.2	7.065	7.5	6.6	0.077	0.278	6.62	7.025	7.3	7.48
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/48-04/30/80	10	0.063	0.086	0.251	0.032	0.005	0.067	0.033	0.05	0.099	0.242
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/59-04/30/80	9	21.	19.333	25.	1.	50.5	7.106	1.	19.5	23.	25.
00440p	BICARBONATE ION (MG/L AS HCO3)	09/13/47-07/17/79	8	26.	23.5	30.	1.	86.286	9.289	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/27/59-07/17/79	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-04/30/80	6	0.03	0.038	0.1	0.005	0.001	0.035	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/27/59-04/30/80	6	0.005	0.012	0.03	0.	0.	0.015	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-04/30/80	6	0.015	0.019	0.04	0.005	0.	0.013	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-04/30/80	6	0.008	0.008	0.011	0.004	0.	0.003	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/47-04/30/80	9	24.	24.556	28.	22.	4.278	2.068	22.	22.5	26.	28.
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/47-04/30/80	9	3.	5.222	25.	0.	58.444	7.645	0.	2.	5.	25.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/47-04/30/80	9	8.4	8.678	9.8	8.	0.319	0.565	8.	8.25	9.	9.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/47-04/30/80	9	0.7	0.678	0.9	0.3	0.044	0.211	0.3	0.5	0.85	0.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/59-04/30/80	9	1.6	1.522	1.7	1.3	0.022	0.148	1.3	1.35	1.6	1.7
00931	SODIUM ADSORPTION RATIO	10/27/59-04/30/80	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00932p	SODIUM, PERCENT	09/13/47-04/30/80	9	12.	11.889	14.	10.	1.611	1.269	10.	11.	13.	14.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/59-04/30/80	9	0.2	0.233	0.4	0.1	0.01	0.1	0.1	0.2	0.3	0.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/13/47-04/30/80	9	1.	15.333	130.	0.5	1849.188	43.002	0.5	0.75	1.5	130.
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/13/47-04/30/80	8	5.	5.875	10.	5.	2.982	1.727	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/47-06/05/70	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/13/47-06/05/70	4	4.3	4.35	4.7	4.1	0.07	0.265	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/27/59-04/30/80	5	0.5	0.5	1.	0.	0.25	0.5	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/27/59-04/30/80	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/27/59-04/30/80	6	2.	6.333	20.	0.	74.267	8.618	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/47-06/05/70	4	34.5	35.5	42.	31.	23.	4.796	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	09/13/47-07/17/79	4	356.5	383.5	564.	257.	17773.667	133.318	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/13/47-07/17/79	4	0.045	0.048	0.06	0.04	0.	0.01	**	**	**	**

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/59-04/30/80	19	6.2	6.416	9.	5.1	0.915	0.956	5.3	5.6	7.	7.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/13/47-04/30/80	12	2990.	4147.667	14200.	962.	12157461.697	3486.755	1324.4	2260.	5195.	11758.
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/59-04/30/80	19	10.	15.842	61.	0.	248.918	15.777	5.	5.	23.	46.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/47-04/30/80	18	56.5	55.333	65.	38.	33.294	5.77	48.8	52.	59.	61.4
00300	OXYGEN, DISSOLVED MG/L	10/27/59-04/30/80	18	11.3	11.367	12.3	10.6	0.239	0.489	10.69	10.95	11.7	12.03
00400p	PH (STANDARD UNITS)	05/20/48-04/30/80	19	7.	7.026	7.4	6.3	0.063	0.251	6.7	6.9	7.2	7.3
00400p	CONVERTED PH (STANDARD UNITS)	05/20/48-04/30/80	19	7.	6.94	7.4	6.3	0.071	0.267	6.7	6.9	7.2	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/48-04/30/80	19	0.1	0.115	0.501	0.04	0.01	0.102	0.05	0.063	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/59-04/30/80	16	20.	19.313	21.	16.	3.563	1.887	16.	18.	21.	21.
00440p	BICARBONATE ION (MG/L AS HCO3)	09/13/47-07/17/79	15	25.	23.933	26.	19.	4.495	2.12	20.2	22.	26.	26.
00445	CARBONATE ION (MG/L AS CO3)	10/27/59-07/17/79	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-04/30/80	12	0.035	0.044	0.13	0.005	0.002	0.041	0.005	0.005	0.07	0.118
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/27/59-04/30/80	16	0.005	0.014	0.06	0.	0.	0.021	0.	0.	0.028	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-04/30/80	12	0.02	0.02	0.04	0.005	0.	0.011	0.007	0.01	0.028	0.039
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-04/30/80	12 ##	0.005	0.007	0.02	0.003	0.	0.005	0.004	0.005	0.007	0.017
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/47-04/30/80	17	22.	22.647	27.	19.	3.993	1.998	19.8	21.5	24.	26.2
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/47-04/30/80	17	3.	3.294	8.	0.	4.721	2.173	0.8	2.	5.	7.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/47-04/30/80	17	8.	8.2	9.5	6.8	0.579	0.761	7.12	7.65	8.9	9.26

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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/47-04/30/80	17	0.5	0.547	0.8	0.2	0.025	0.159	0.28	0.5	0.65	0.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/59-04/30/80	17	1.6	1.535	1.9	0.9	0.074	0.271	1.14	1.35	1.75	1.9
00931	SODIUM ADSORPTION RATIO	10/27/59-04/30/80	16	0.1	0.138	0.2	0.1	0.003	0.05	0.1	0.1	0.2	0.2
00932p	SODIUM, PERCENT	09/13/47-04/30/80	16	13.	12.75	16.	7.	4.867	2.206	9.1	12.	14.	15.3
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/59-04/30/80	17	0.2	0.176	0.6	0.	0.017	0.13	0.	0.1	0.2	0.28
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/13/47-04/30/80	17	2.	1.588	3.	1.	0.382	0.618	1.	1.	2.	2.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/13/47-04/30/80	15	5.	5.333	8.	4.	0.952	0.976	4.	5.	6.	6.8
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/47-06/05/70	7	0.1	0.057	0.1	0.	0.003	0.053	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/13/47-06/05/70	7	4.8	10.229	44.	4.2	221.862	14.895	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/27/59-04/30/80	9	0.5	0.5	1.	0.	0.188	0.433	0.	0.	1.	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/27/59-04/30/80	9	0.	2.222	10.	0.	19.444	4.41	0.	0.	5.	10.
01040	COPPER, DISSOLVED (UG/L AS CU)	11/27/59-04/30/80	9	4.	49.	370.	0.	14588.75	120.784	0.	2.5	25.	370.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/47-06/05/70	7	36.	35.429	38.	32.	6.286	2.507	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	09/13/47-07/17/79	6	251.5	430.667	958.	213.	98643.467	314.076	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/13/47-07/17/79	6	0.05	0.047	0.05	0.04	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 #3: 4/01 to 7/31 - Station OLYM0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/59-04/30/80	17	11.3	11.829	19.5	6.1	15.776	3.972	6.66	9.1	13.2	19.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/13/47-04/30/80	12	2670.	2643.333	3800.	890.	888260.606	942.476	1061.	1812.5	3520.	3782.
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/59-04/30/80	19	5.	5.526	18.	0.	29.152	5.399	0.	0.	7.	16.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/47-04/30/80	20	61.	61.5	76.	49.	33.947	5.826	56.1	58.25	62.75	70.9
00300	OXYGEN, DISSOLVED MG/L	10/27/59-04/30/80	16	10.95	10.738	12.3	9.	0.78	0.883	9.56	9.85	11.2	12.09
00400p	PH (STANDARD UNITS)	05/20/48-04/30/80	20	7.3	7.23	7.6	6.8	0.039	0.198	7.	7.025	7.375	7.49
00400p	CONVERTED PH (STANDARD UNITS)	05/20/48-04/30/80	20	7.3	7.186	7.6	6.8	0.041	0.203	7.	7.025	7.375	7.49
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/48-04/30/80	20	0.05	0.065	0.158	0.025	0.001	0.032	0.032	0.042	0.095	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/59-04/30/80	17	22.	21.529	26.	14.	7.015	2.649	18.	20.5	23.	25.2
00440p	BICARBONATE ION (MG/L AS HCO3)	09/13/47-07/17/79	16	27.	27.188	32.	23.	7.496	2.738	23.7	25.25	28.75	32.
00445	CARBONATE ION (MG/L AS CO3)	10/27/59-07/17/79	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-04/30/80	11	0.04	0.053	0.17	0.005	0.002	0.05	0.006	0.01	0.08	0.156
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/27/59-04/30/80	14	0.	0.007	0.03	0.	0.	0.011	0.	0.	0.013	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-04/30/80	11	0.01	0.014	0.05	0.005	0.	0.013	0.005	0.007	0.02	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-04/30/80	11 ##	0.005	0.005	0.01	0.001	0.	0.002	0.002	0.005	0.005	0.009
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/47-04/30/80	18	24.5	25.222	42.	20.	21.948	4.685	20.9	23.	26.	29.4
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/47-04/30/80	18	4.	3.889	16.	0.	15.752	3.969	0.	0.	4.5	9.7
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/47-04/30/80	18	8.65	8.917	14.	7.	2.15	1.466	7.63	8.175	9.225	10.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/47-04/30/80	18	0.7	0.917	4.	0.4	0.678	0.823	0.49	0.6	0.8	2.02
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/59-04/30/80	17	1.6	1.659	2.2	0.9	0.088	0.296	1.3	1.55	1.8	2.12
00931	SODIUM ADSORPTION RATIO	10/27/59-04/30/80	16	0.1	0.131	0.2	0.1	0.002	0.048	0.1	0.1	0.2	0.2
00932p	SODIUM, PERCENT	09/13/47-04/30/80	17	12.	12.412	19.	7.	7.507	2.74	8.6	10.5	14.	16.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/59-04/30/80	16	0.2	0.256	0.6	0.1	0.021	0.146	0.1	0.125	0.3	0.53
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/13/47-04/30/80	18	1.	1.372	2.	0.7	0.27	0.52	0.97	1.	2.	2.
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/13/47-04/30/80	16	6.	6.625	10.	4.	2.383	1.544	4.7	6.	7.	10.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/47-06/05/70	9	0.1	0.067	0.1	0.	0.003	0.05	0.	0.	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/13/47-06/05/70	9	4.7	4.811	7.7	3.3	1.496	1.223	3.3	4.15	5.	7.7
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/27/59-04/30/80	9	0.	0.333	1.	0.	0.188	0.433	0.	0.	0.75	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/27/59-04/30/80	9	0.	1.111	10.	0.	11.111	3.333	0.	0.	0.	10.
01040	COPPER, DISSOLVED (UG/L AS CU)	11/27/59-04/30/80	9	0.	3.333	20.	0.	44.75	6.69	0.	0.	5.	20.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/47-06/05/70	9	35.	37.556	51.	34.	30.778	5.548	34.	34.	39.5	51.
70302p	SOLIDS, DISSOLVED-TONS PER DAY	09/13/47-07/17/79	9	321.	308.556	523.	143.	15505.028	124.519	143.	197.5	390.	523.
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/13/47-07/17/79	10	0.05	0.053	0.07	0.04	0.	0.009	0.041	0.05	0.055	0.07

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

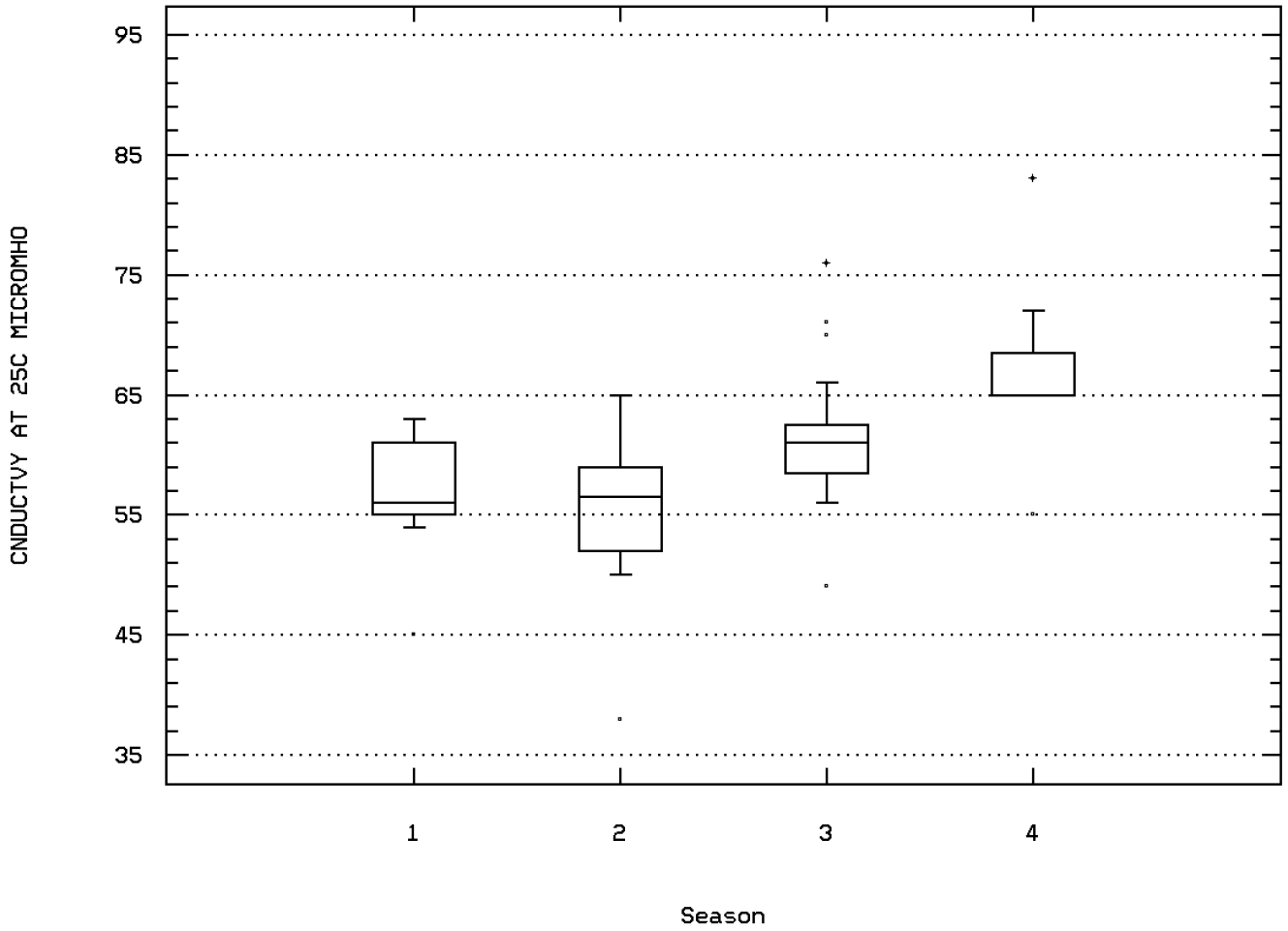
Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/59-04/30/80	7	15.8	14.386	17.8	7.8	12.808	3.579	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/13/47-04/30/80	6	1425.	1722.5	3820.	858.	1210335.1	1100.152	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/59-04/30/80	7	5.	6.	12.	0.	23.667	4.865	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/47-04/30/80	8	65.	66.875	83.	55.	63.554	7.972	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/27/59-04/30/80	6	9.95	9.85	10.6	9.3	0.243	0.493	**	**	**	**
00400p	PH (STANDARD UNITS)	05/20/48-04/30/80	7	7.2	7.214	7.5	6.9	0.045	0.212	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	05/20/48-04/30/80	7	7.2	7.17	7.5	6.9	0.047	0.217	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/48-04/30/80	7	0.063	0.068	0.126	0.032	0.001	0.034	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/59-04/30/80	6	22.	21.333	24.	16.	9.467	3.077	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	09/13/47-07/17/79	6	28.5	28.333	34.	24.	11.467	3.386	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/27/59-07/17/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-04/30/80	5	0.05	0.058	0.11	0.02	0.002	0.041	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/27/59-04/30/80	4	0.005	0.04	0.15	0.	0.005	0.073	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-04/30/80	5	0.01	0.04	0.16	0.002	0.005	0.067	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-04/30/80	5	0.005	0.014	0.05	0.002	0.	0.02	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	09/13/47-04/30/80	7	27.	26.143	27.	23.	2.143	1.464	**	**	**	**
00902p	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/13/47-04/30/80	7	3.	3.857	11.	0.	13.81	3.716	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/13/47-04/30/80	7	9.5	9.386	10.	8.1	0.368	0.607	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/13/47-04/30/80	7	0.6	0.629	0.8	0.5	0.012	0.111	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/59-04/30/80	6	1.7	1.683	1.9	1.4	0.03	0.172	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/27/59-04/30/80	5	0.1	0.14	0.2	0.1	0.003	0.055	**	**	**	**
00932p	SODIUM, PERCENT	09/13/47-04/30/80	6	12.5	15.667	32.	12.	64.267	8.017	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/59-04/30/80	6	0.25	0.233	0.3	0.1	0.007	0.082	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/13/47-04/30/80	7	2.	1.471	2.	0.6	0.449	0.67	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/13/47-04/30/80	6	7.	7.833	13.	6.	6.967	2.639	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/13/47-06/05/70	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/13/47-06/05/70	3	4.7	5.033	6.	4.4	0.723	0.85	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/27/59-04/30/80	3	0.5	0.5	1.	0.	0.25	0.5	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/27/59-04/30/80	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/27/59-04/30/80	4	3.	4.	10.	0.	20.667	4.546	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/13/47-06/05/70	3	40.	43.	50.	39.	37.	6.083	**	**	**	**
70302p	SOLIDS, DISSOLVED-TONS PER DAY	09/13/47-07/17/79	2	88.7	88.7	122.	55.4	2217.78	47.093	**	**	**	**
70303p	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/13/47-07/17/79	2	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**

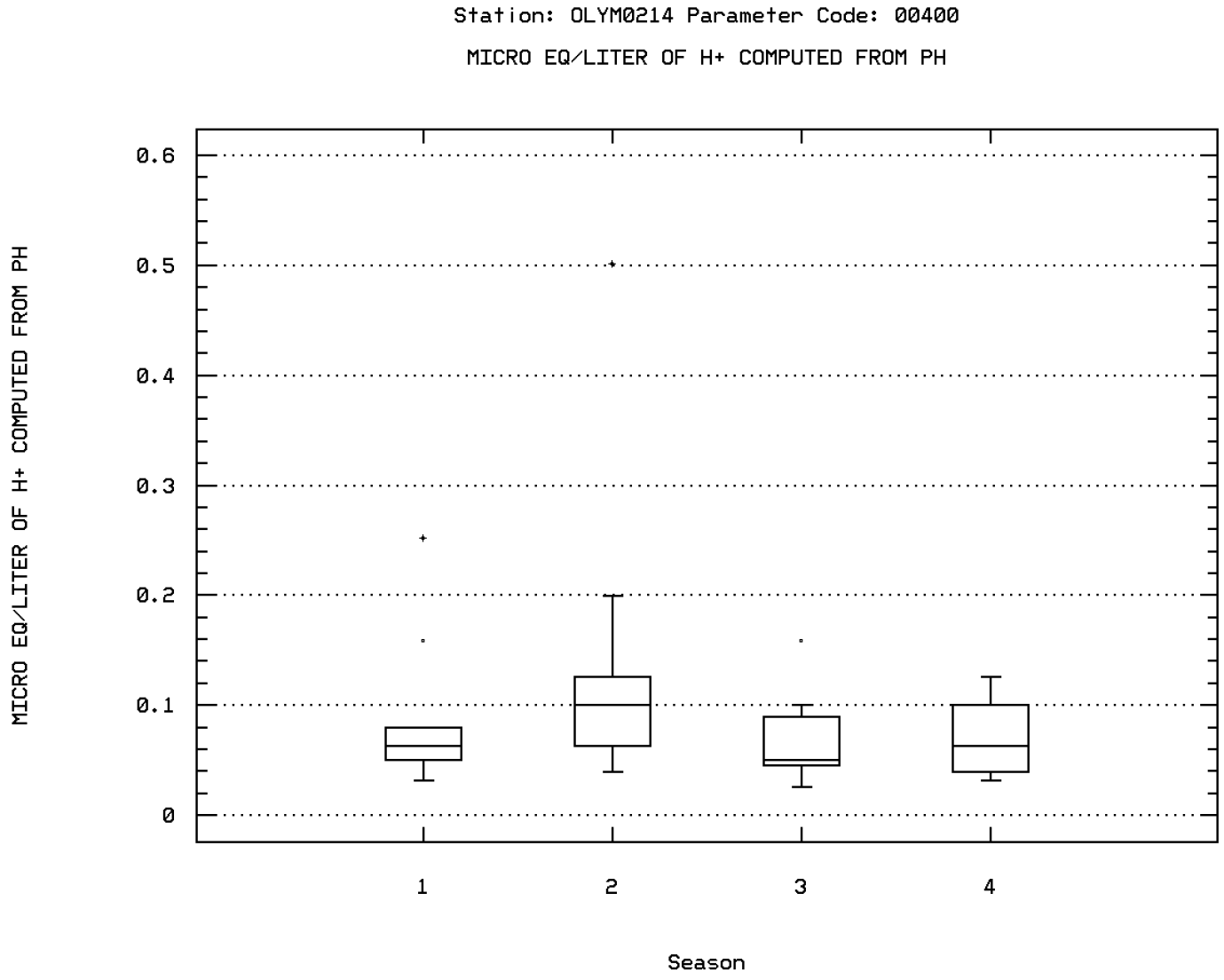
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: OLYM0214 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



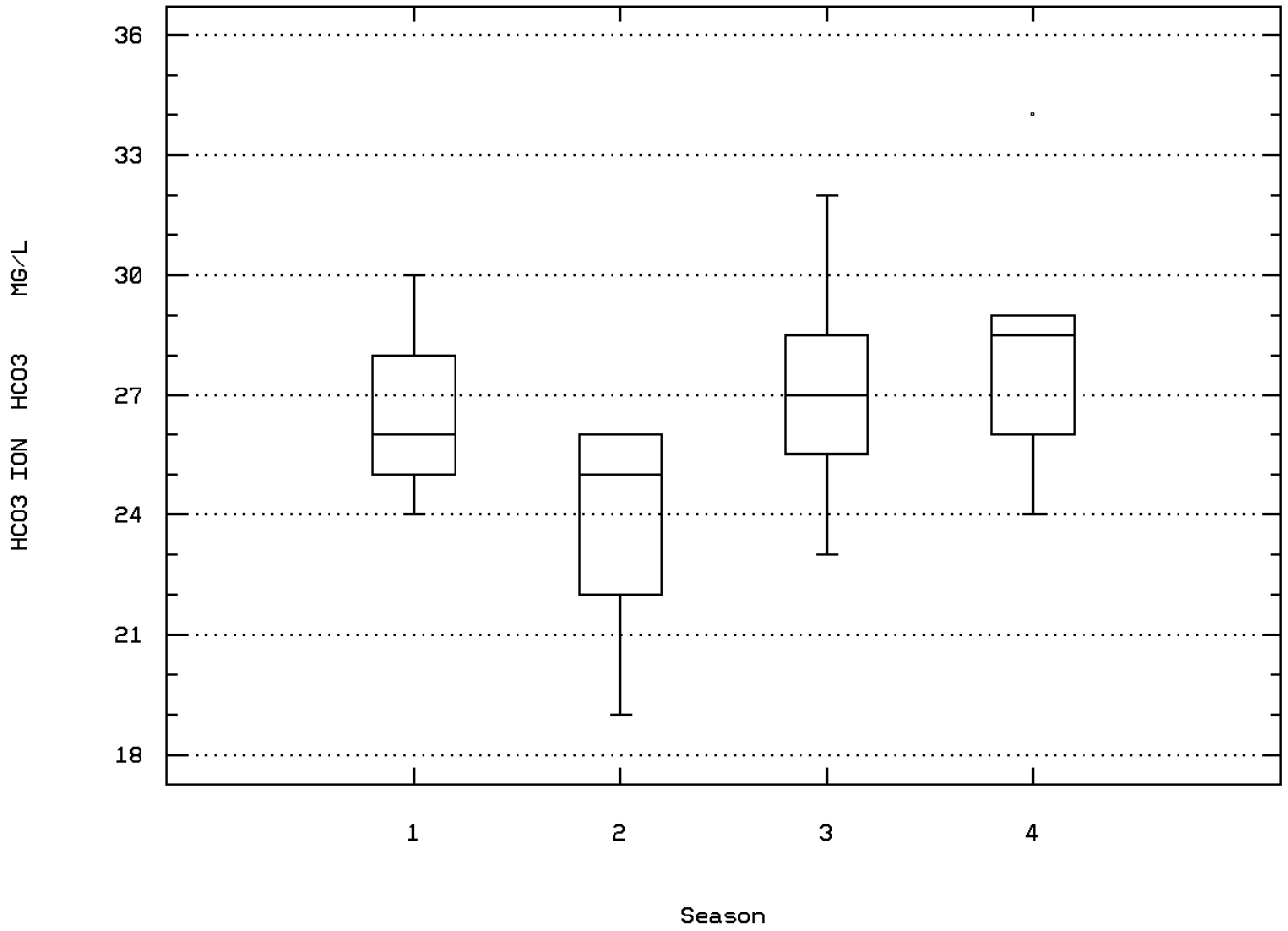
QUINAULT RIVER AT QUINAULT LAKE, WASH.



QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station: OLYM0214 Parameter Code: 00440

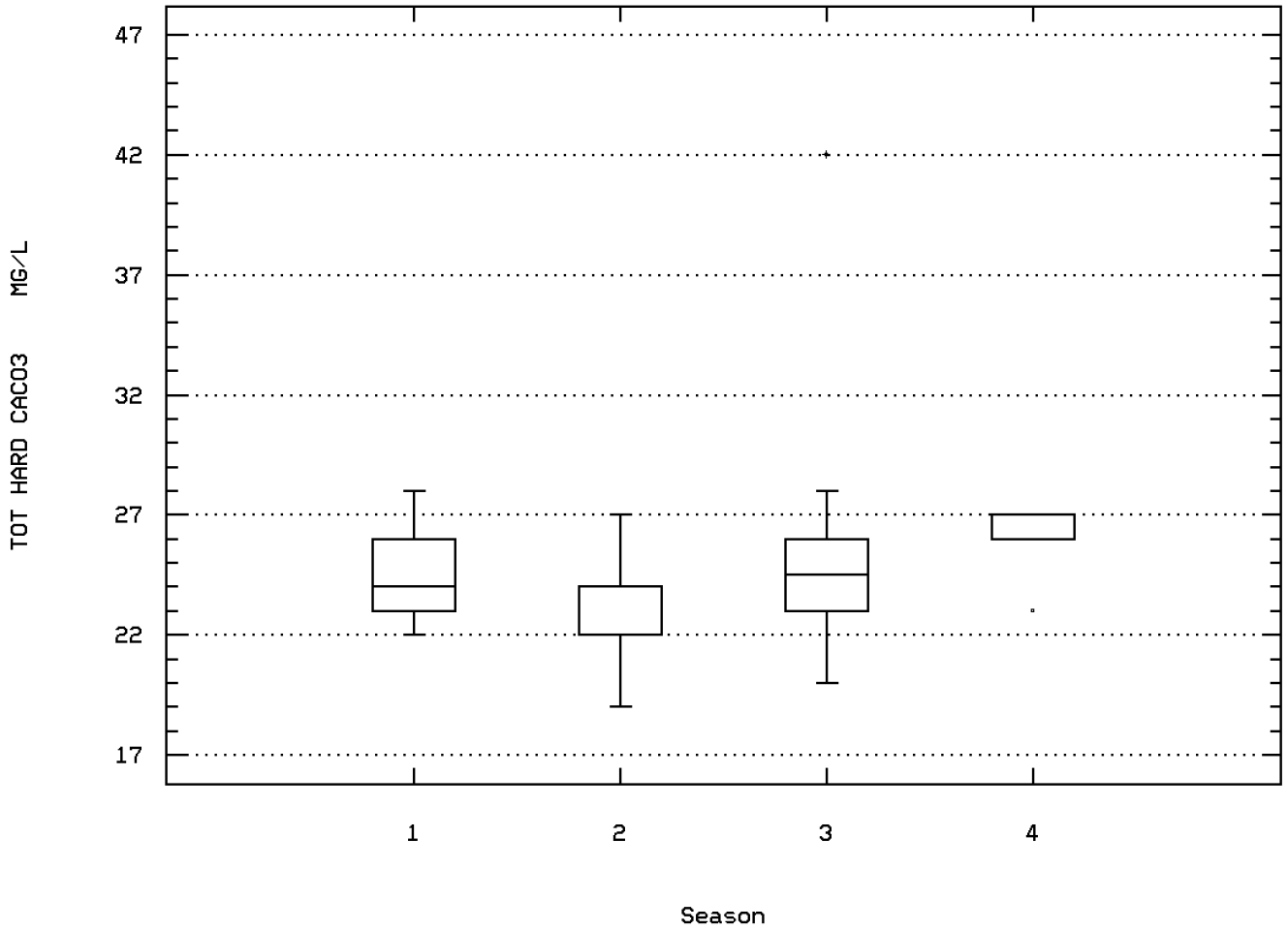
BICARBONATE ION (MG/L AS HCO3)



QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station: OLYM0214 Parameter Code: 00900

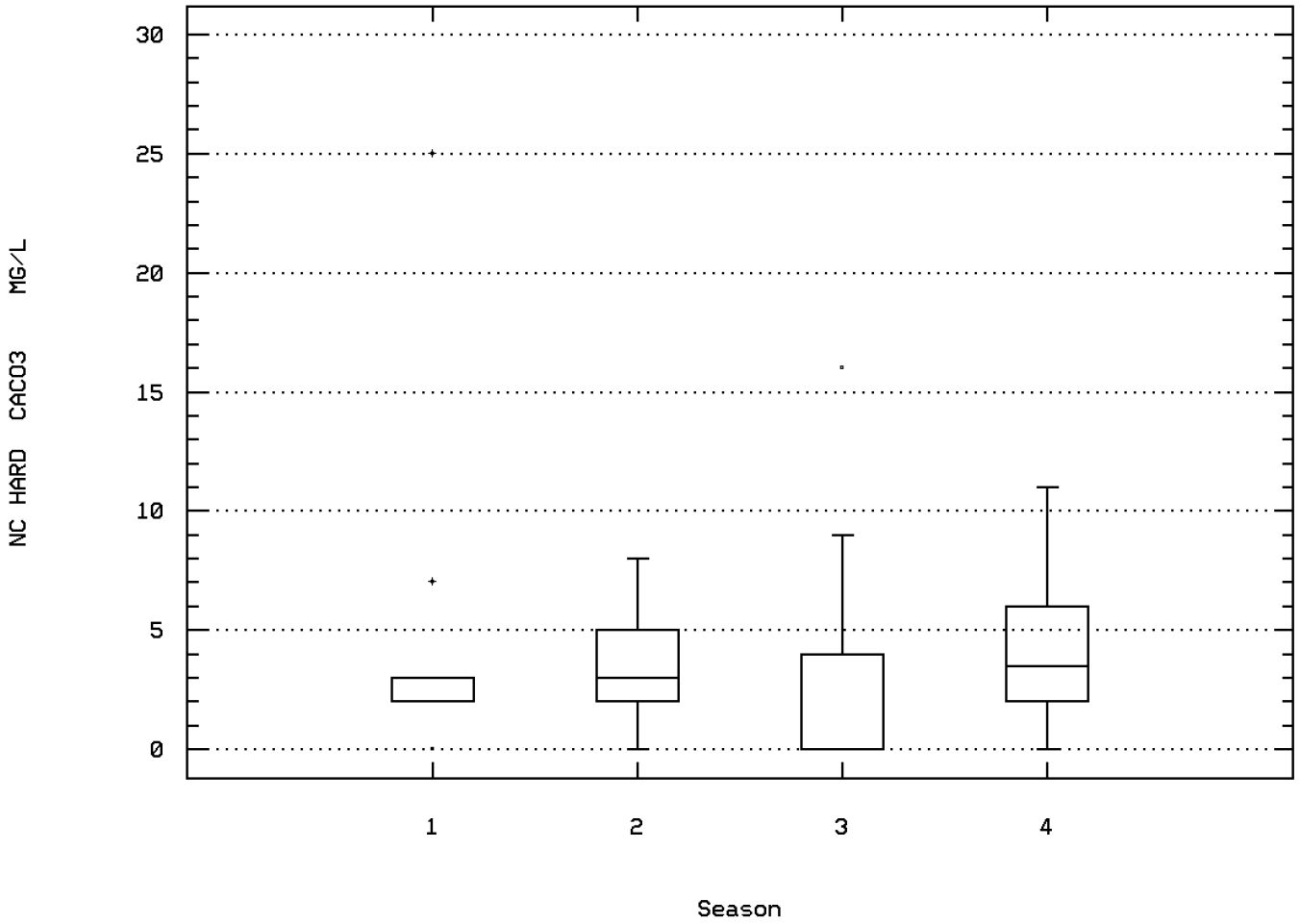
HARDNESS, TOTAL (MG/L AS CACO3)



QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station: OLYM0214 Parameter Code: 00902

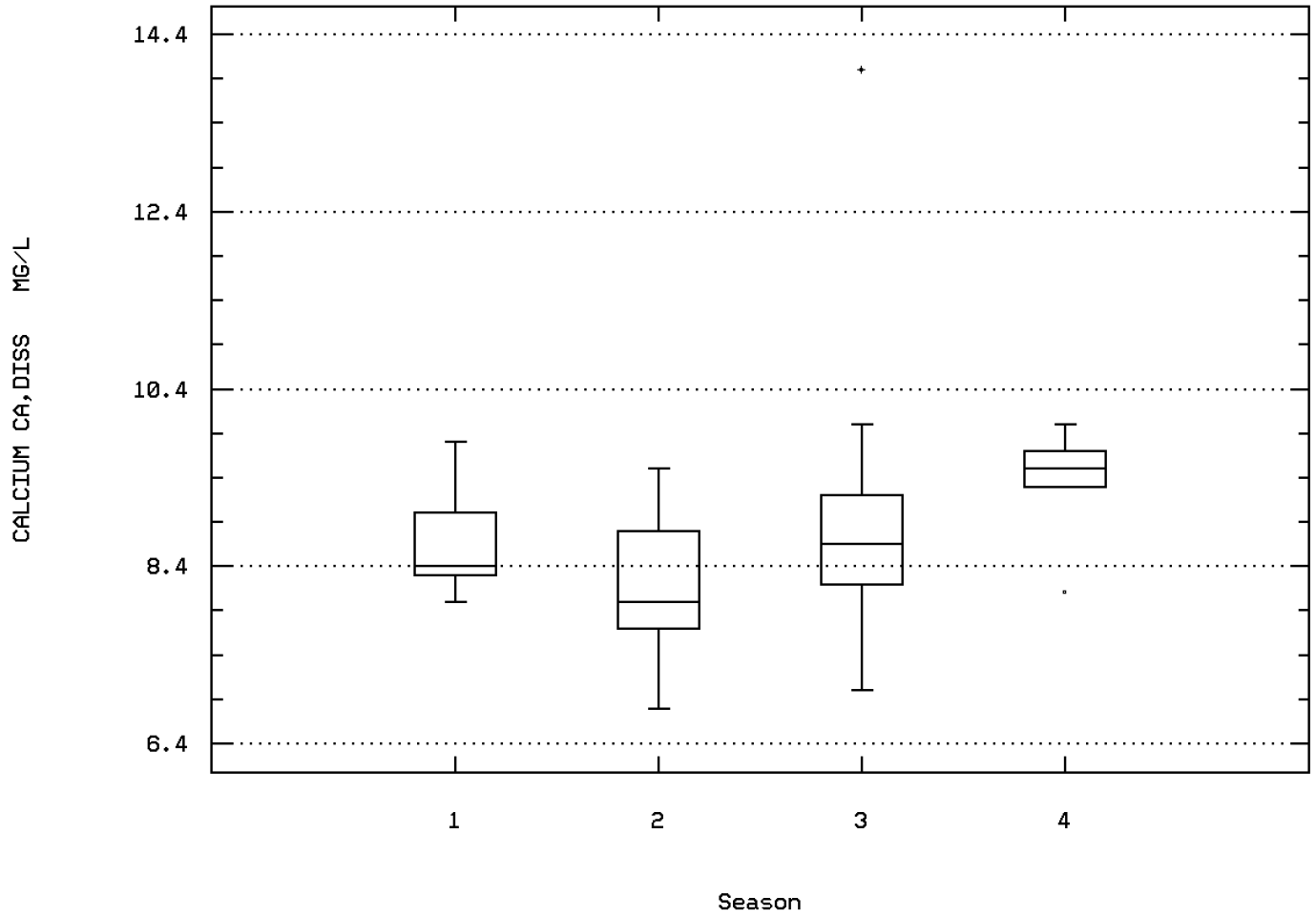
HARDNESS, NON-CARBONATE (MG/L AS CACO3)



QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station: OLYM0214 Parameter Code: 00915

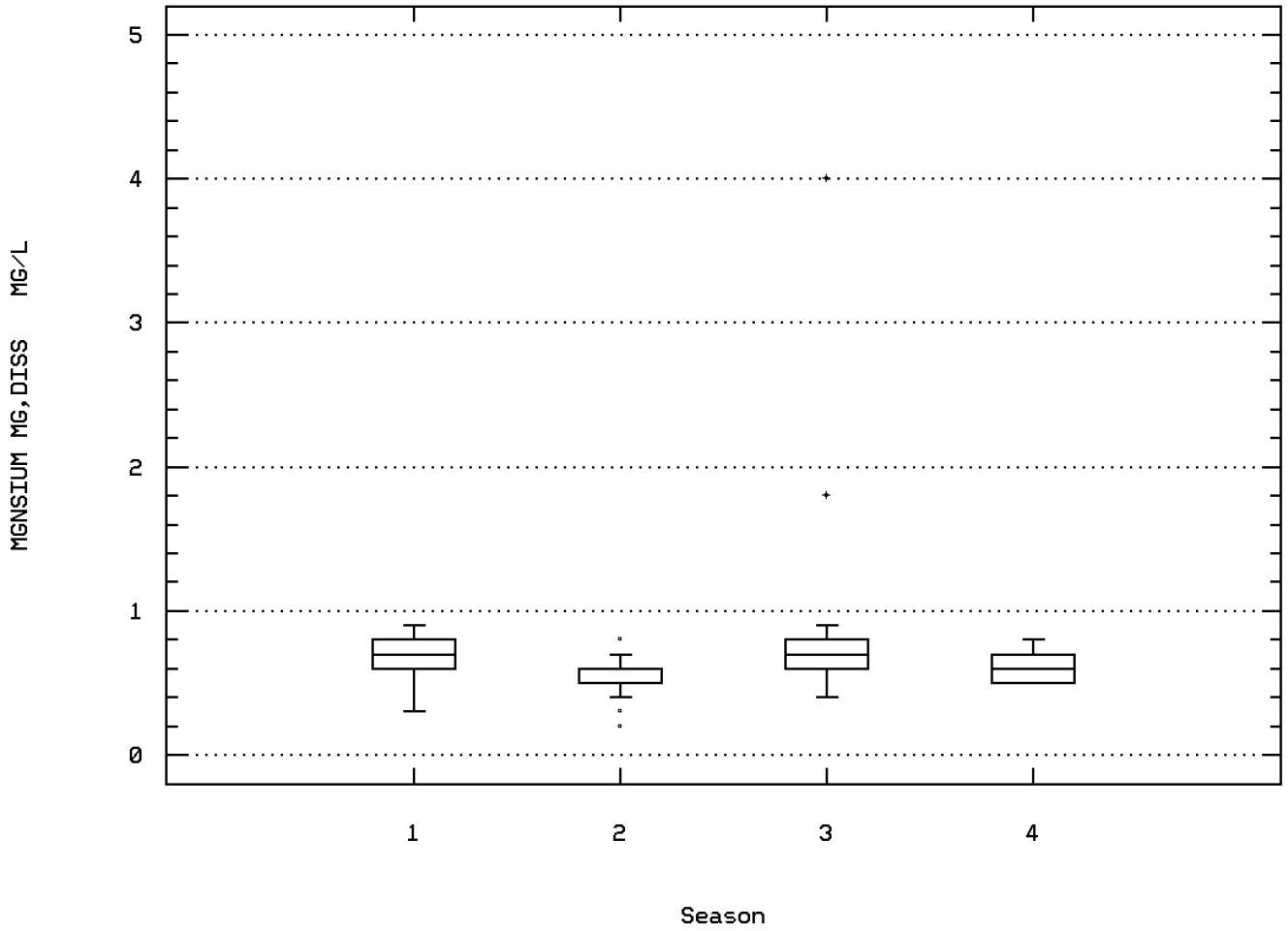
CALCIUM, DISSOLVED (MG/L AS CA)



QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station: OLYM0214 Parameter Code: 00925

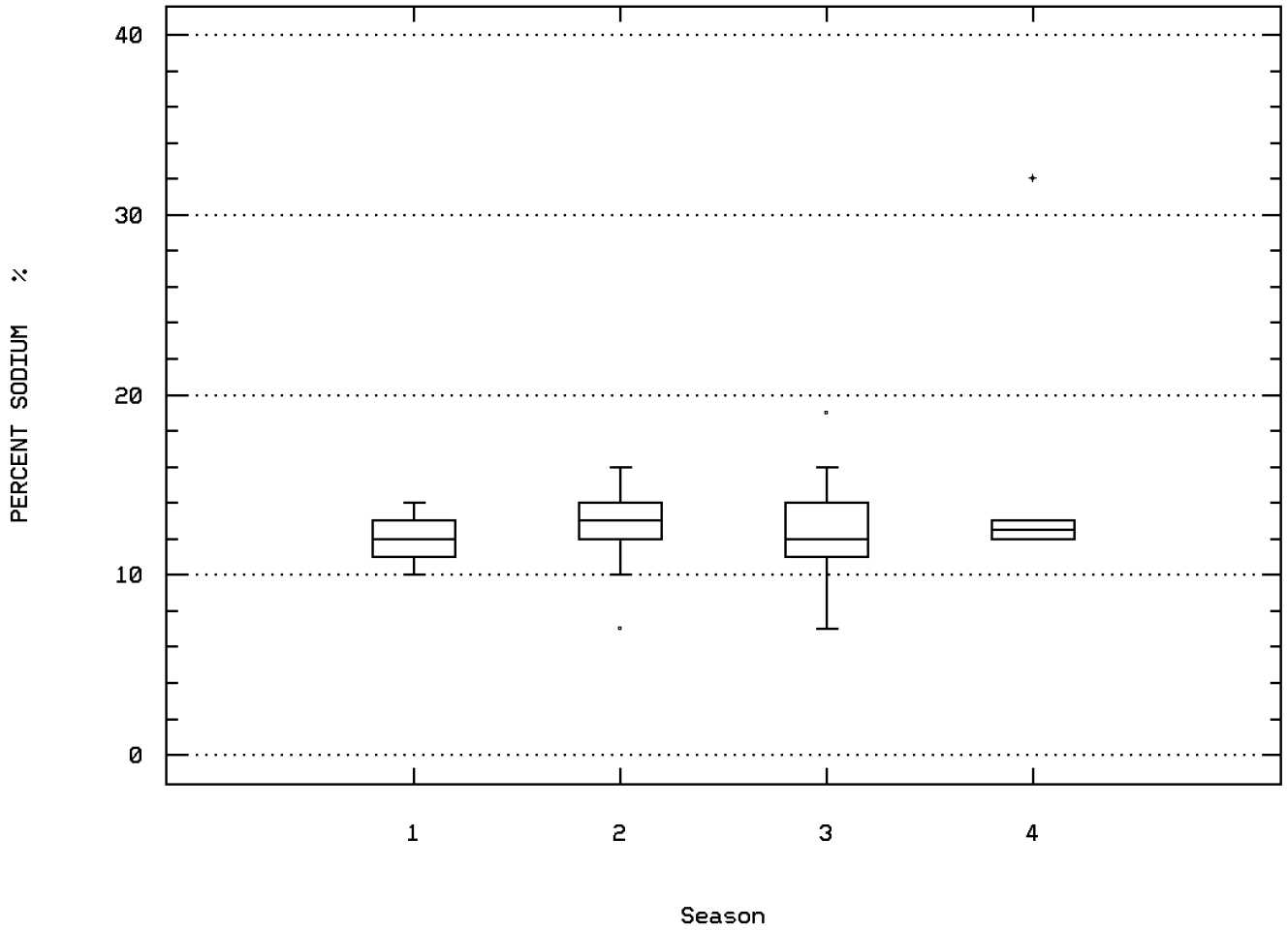
MAGNESIUM, DISSOLVED (MG/L AS MG)



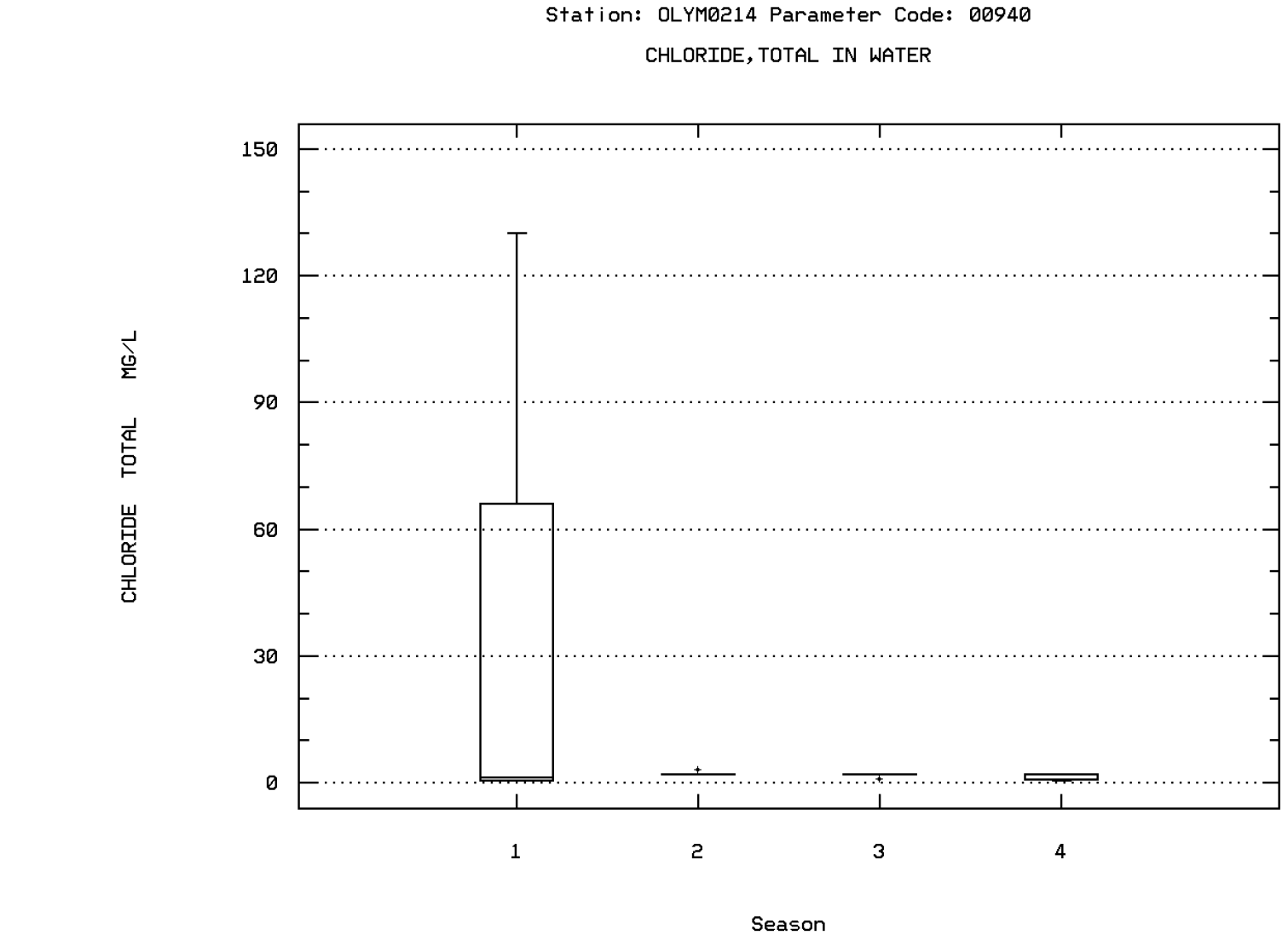
QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station: OLYM0214 Parameter Code: 00932

SODIUM, PERCENT



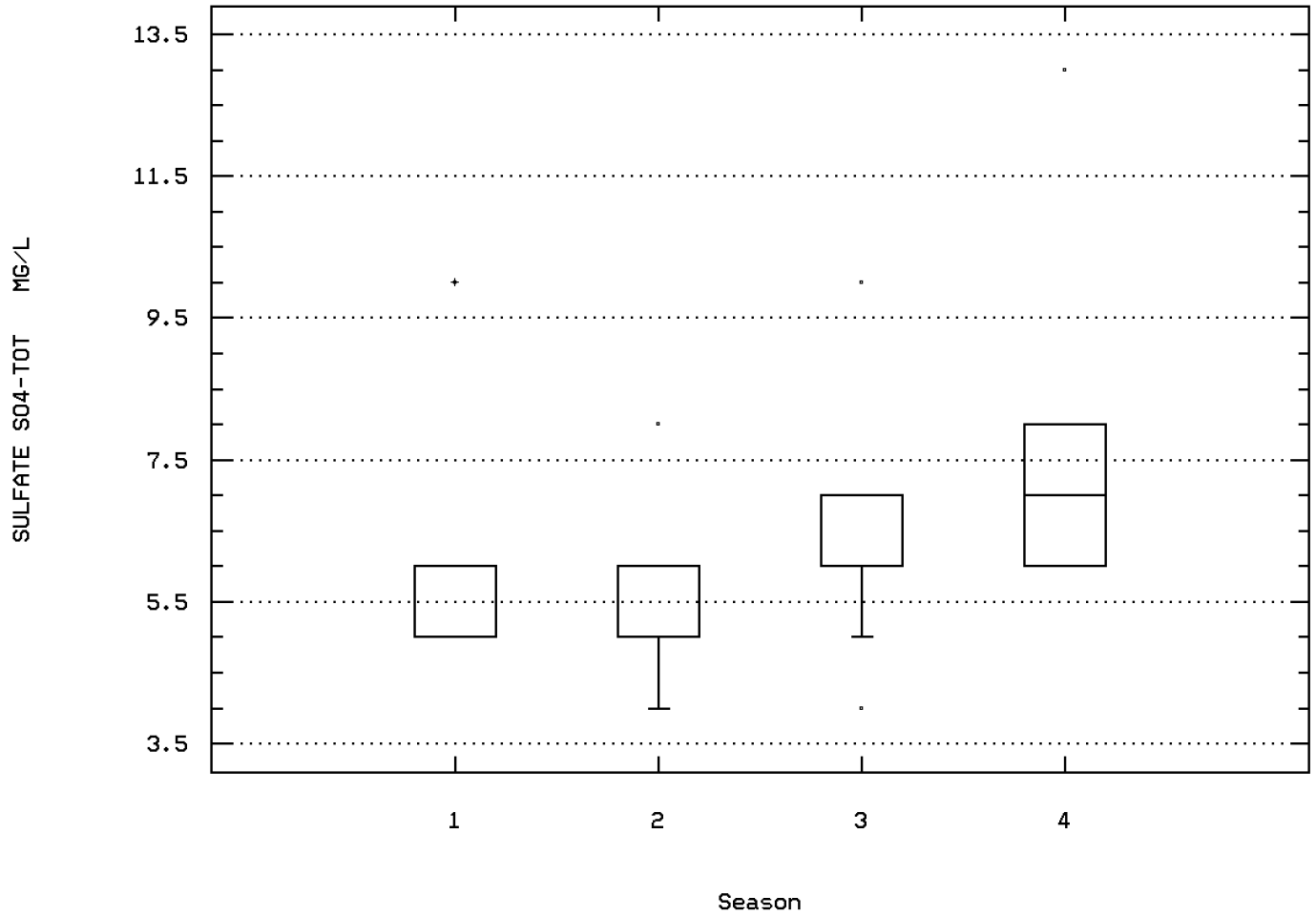
QUINAULT RIVER AT QUINAULT LAKE, WASH.



QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station: OLYM0214 Parameter Code: 00945

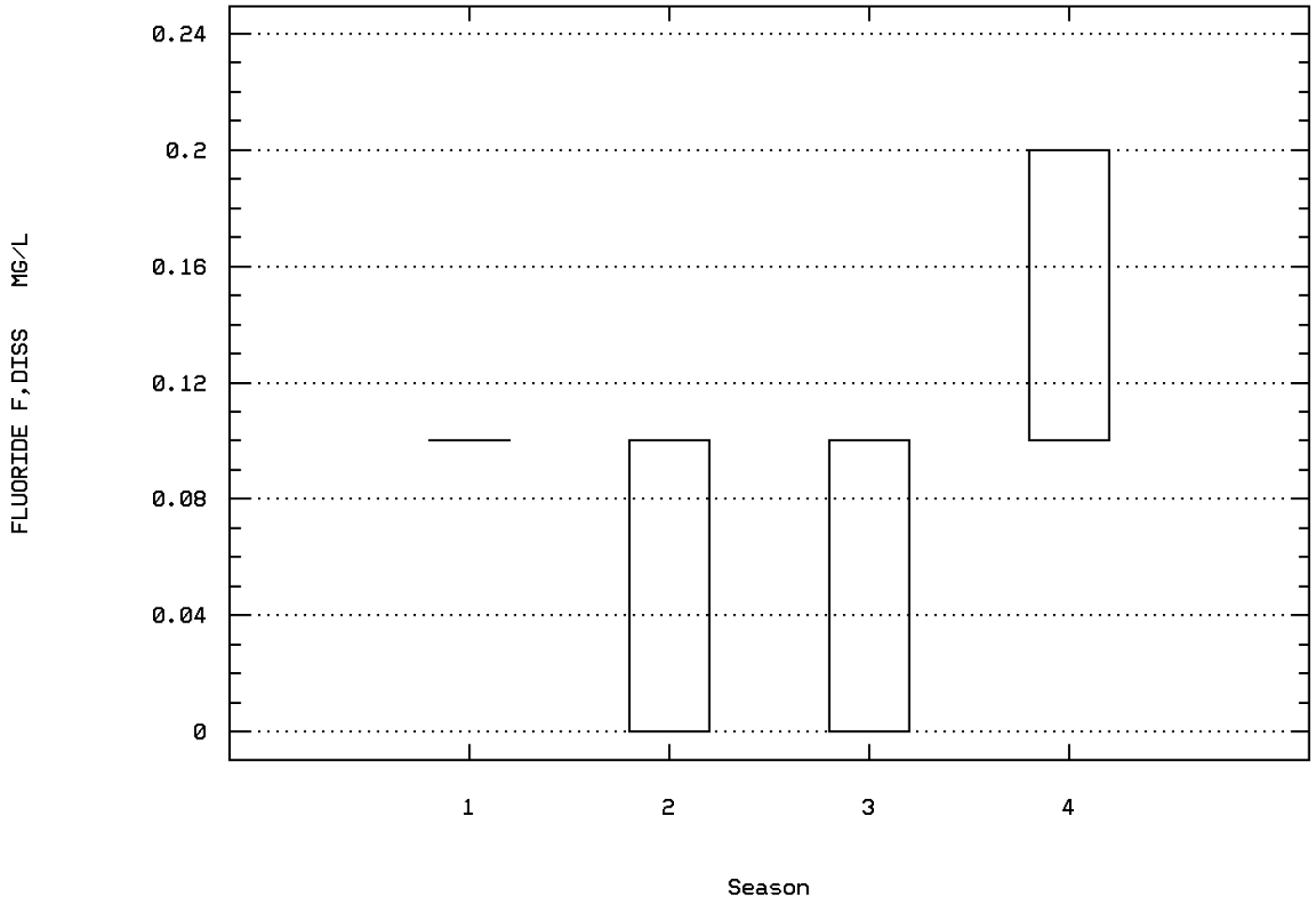
SULFATE, TOTAL (MG/L AS SO4)



QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station: OLYM0214 Parameter Code: 00950

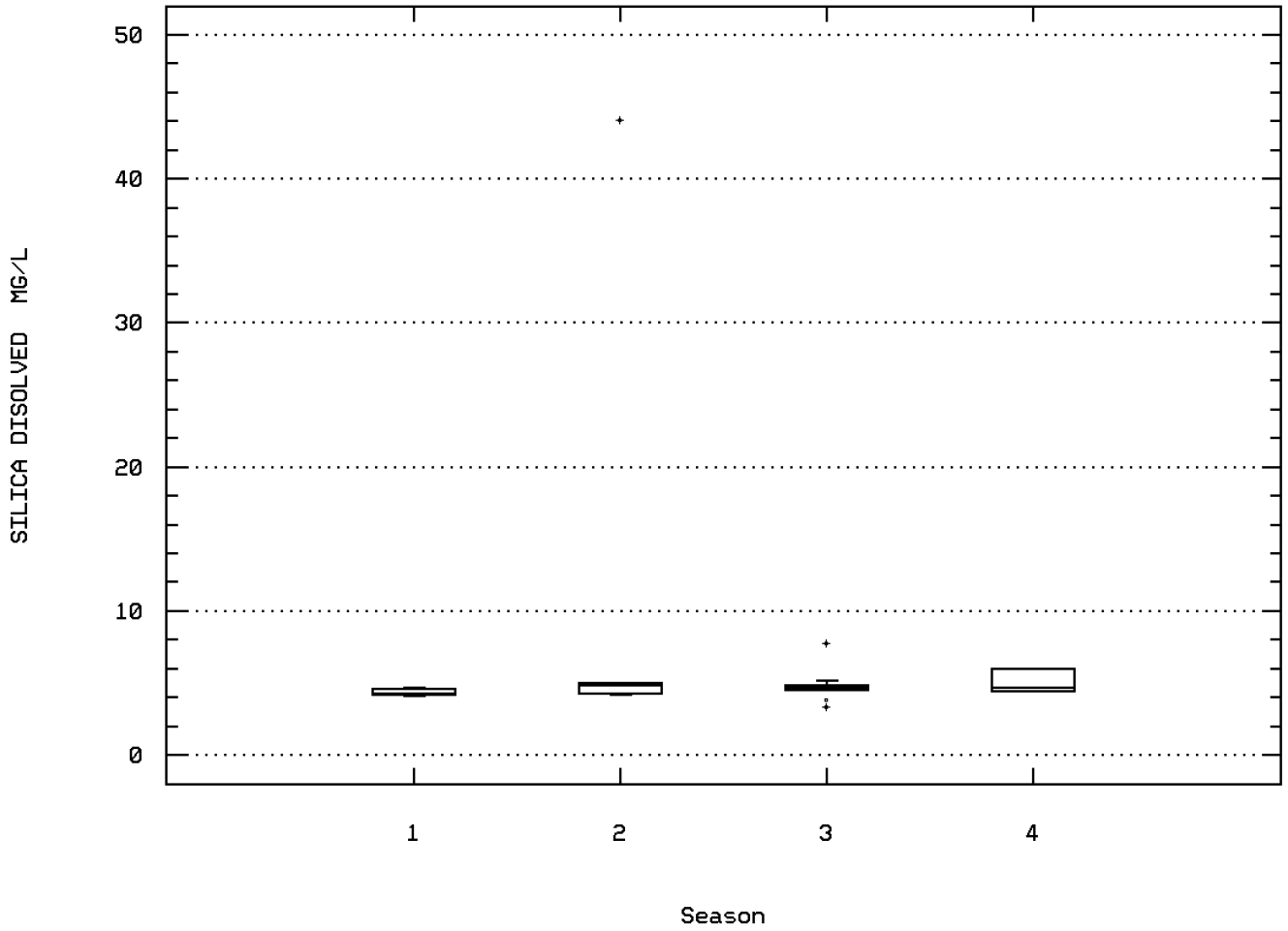
FLUORIDE, DISSOLVED (MG/L AS F)



QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station: OLYM0214 Parameter Code: 00955

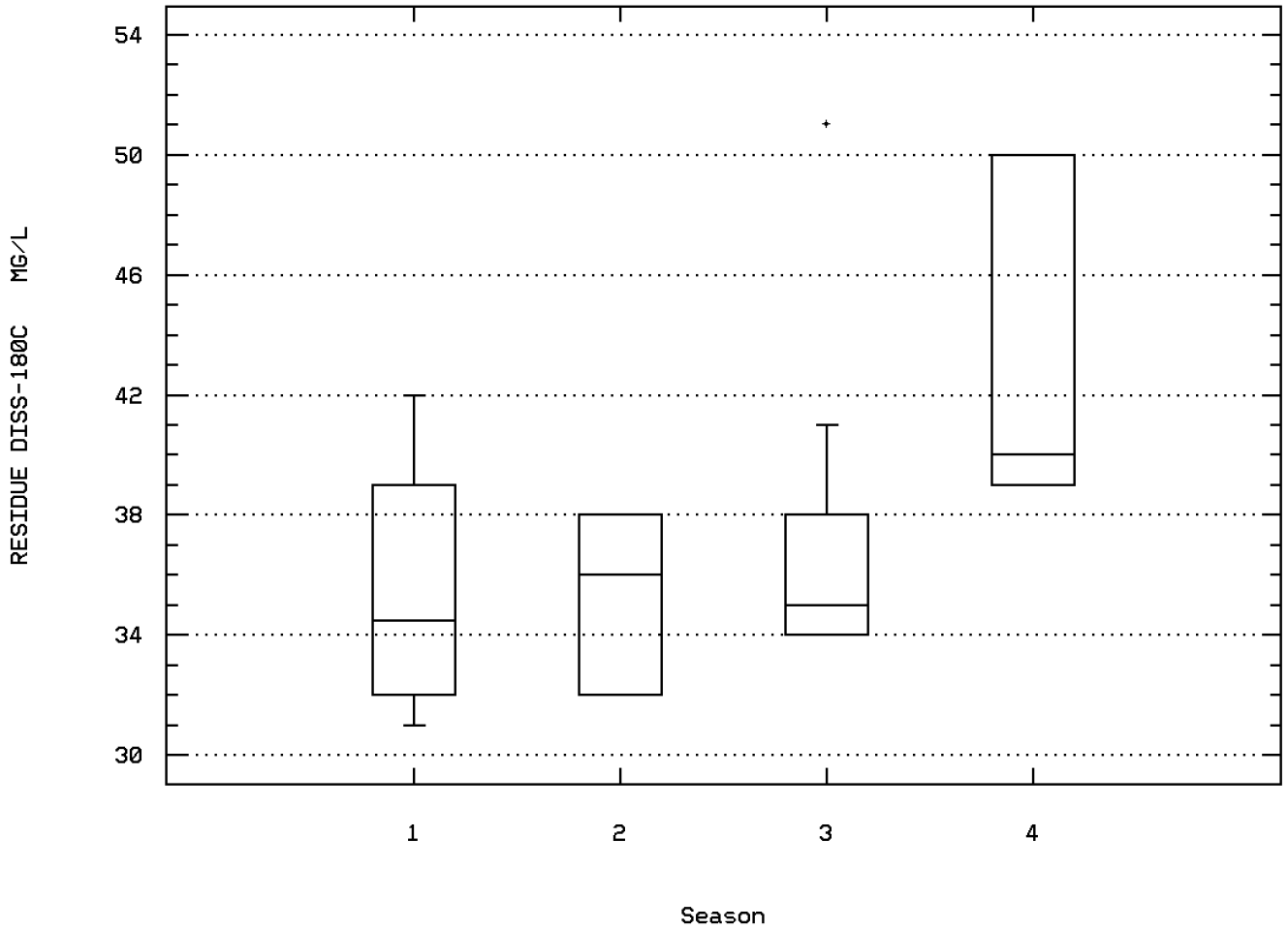
SILICA, DISSOLVED (MG/L AS SI02)



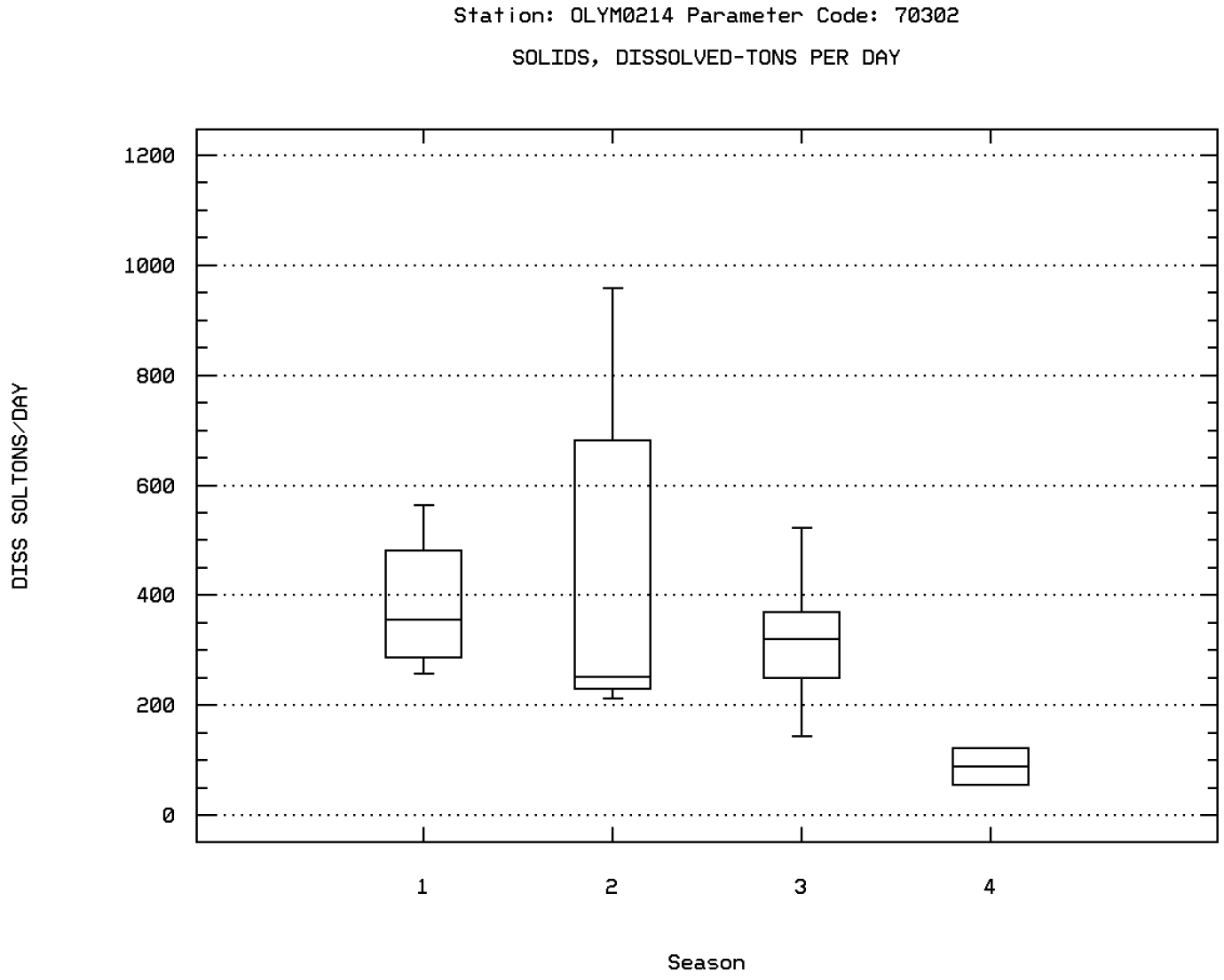
QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station: OLYM0214 Parameter Code: 70300

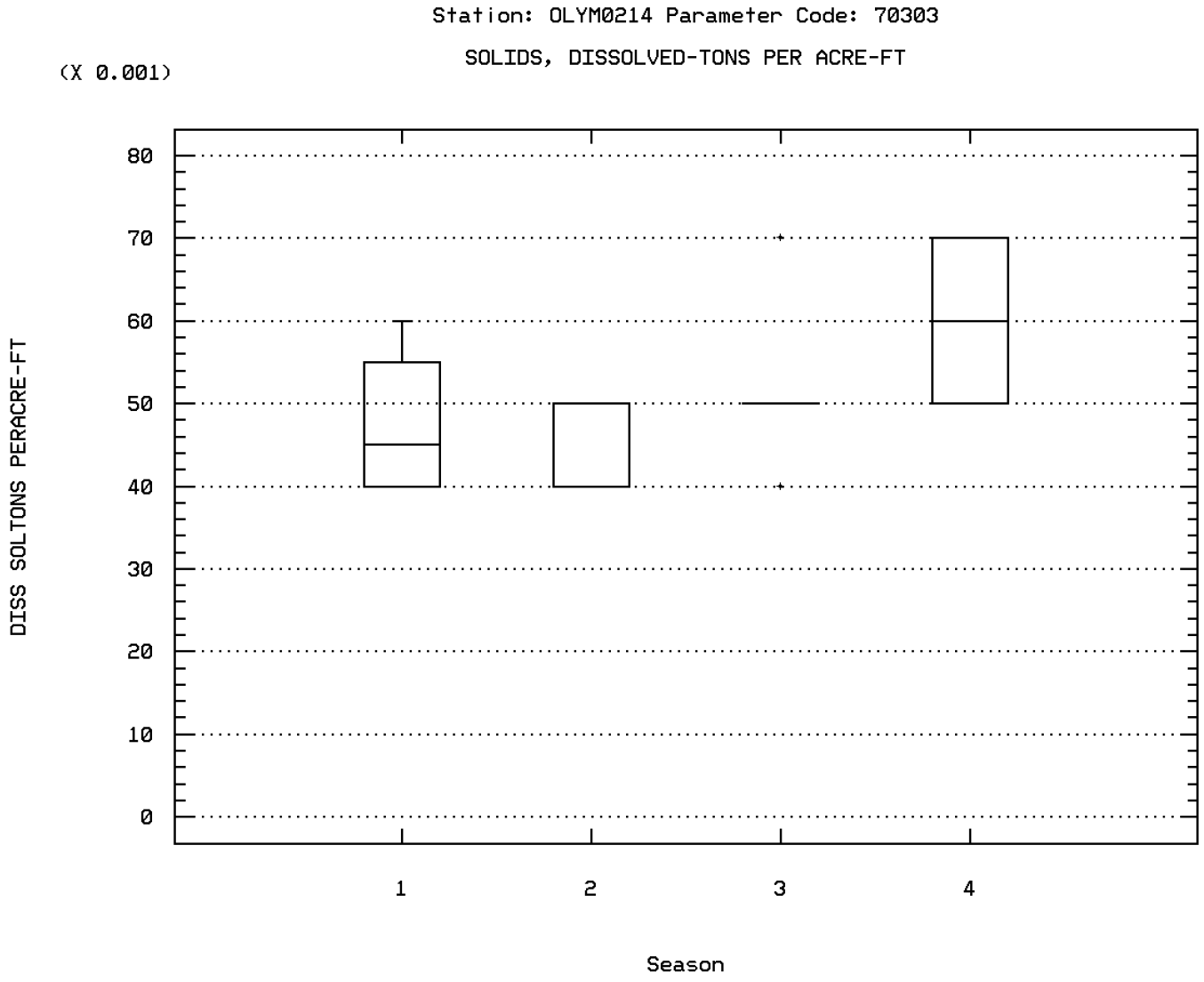
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



QUINAULT RIVER AT QUINAULT LAKE, WASH.



QUINAULT RIVER AT QUINAULT LAKE, WASH.



QUINAULT RIVER AT QUINAULT LAKE, WASH.

Station Inventory for Station: OLYM0215

NPS Station ID: OLYM0215 LAT/LON: 48.068198/-123.911004 Agency: 11NPSWRD Date Created: 11/01/97
Location: LAKE CRESCENT NEAR FAIRHOLM CAMPGROUND FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): OLYM_NPSWRD_FHO
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 580 Water Body Id:
Minor Basin: PUGET SOUND ECO Region:
RF1 Index: 17110021 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MOUNT MULLER WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THIS NEAR-SHORE SITE IS ON LAKE CRESCENT BY FAIRHOLM CAMPGROUND. DATA ARE FROM THE 1989 NATIONAL PARK SERVICE WATER RESOURCES DIVISION REPORT "TROPHIC STATUS & ASSESSMENT OF NON-POINT SOURCE NUTRIENT ENRICHMENT LAKE CRESCENT OLYMPIC NATIONAL PARK" BY TERENCE P. BOYLE AND DAVID R. BEESON. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK 600 EAST PARK AVENUE PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/13/87-09/26/87	6	13.	13.	13.	13.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/87-09/26/87	6	18.	17.667	20.	15.	3.467	1.862	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/87-09/26/87	6	19.	18.667	20.	17.	1.067	1.033	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/13/87-09/26/87	6	120.	121.667	130.	115.	26.667	5.164	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/13/87-09/26/87	6	9.25	9.5	10.6	8.8	0.592	0.769	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/13/87-09/26/87	6	7.4	7.343	7.78	7.	0.085	0.291	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/13/87-09/26/87	6	7.4	7.266	7.78	7.	0.092	0.303	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/87-09/26/87	6	0.04	0.054	0.1	0.017	0.001	0.034	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/13/87-09/26/87	6	0.03	0.033	0.06	0.01	0.	0.016	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/87-09/26/87	6	0.01	0.01	0.014	0.007	0.	0.003	**	**	**	**
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/13/87-09/26/87	6	0.15	0.233	0.5	0.1	0.031	0.175	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0215

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	6	0	0.00							2	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0215

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00							2	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00							2	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0216

NPS Station ID: OLYM0216
LAT/LON: 48.068059/-123.915005
Agency: 112WRD
Date Created: 04/14/78
Location: 30N/09W-30F02
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 480405123545401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/67-09/20/67	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/20/67-09/20/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/67-09/20/67	1	163.	163.	163.	163.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/67-09/20/67	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/67-09/20/67	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/67-09/20/67	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/20/67-09/20/67	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/67-09/20/67	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/20/67-09/20/67	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/20/67-09/20/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/20/67-09/20/67	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/67-09/20/67	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/67-09/20/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/67-09/20/67	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/67-09/20/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/67-09/20/67	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/20/67-09/20/67	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/20/67-09/20/67	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/67-09/20/67	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/67-09/20/67	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/67-09/20/67	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/67-09/20/67	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/67-09/20/67	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/20/67-09/20/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/20/67-09/20/67	1	86.	86.	86.	86.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/67-09/20/67	1	86.	86.	86.	86.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/20/67-09/20/67	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0217

NPS Station ID: OLYM0217 | LAT/LON: 48.044448/-123.957781 | Agency: 112WRD | Date Created: / /
Location: SOLEDUCK RIVER NEAR FAIRHOLM, WASH. | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 12041500
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17100101028 | RF1 Mile Point: 17.490 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	07/18/60-09/05/61	15	447.	704.867	2700.	83.	613508.124	783.268	117.2	154.	855.	2382.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/60-09/05/61	15	77.	75.8	102.	47.	240.171	15.497	52.4	64.	90.	95.4
00400	PH (STANDARD UNITS)	07/18/60-09/05/61	15	7.6	7.58	7.9	7.3	0.033	0.182	7.3	7.4	7.7	7.84
00400	CONVERTED PH (STANDARD UNITS)	07/18/60-09/05/61	15	7.6	7.545	7.9	7.3	0.034	0.186	7.3	7.4	7.7	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/60-09/05/61	15	0.025	0.029	0.05	0.013	0.	0.012	0.015	0.02	0.04	0.05
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/60-09/05/61	15	37.	35.933	47.	23.	48.495	6.964	24.8	31.	42.	44.6
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/18/60-09/05/61	15	0.	0.008	0.04	0.	0.	0.012	0.	0.	0.01	0.034
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/60-09/05/61	15	34.	32.4	43.	19.	50.114	7.079	21.4	28.	39.	41.8
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/60-09/05/61	15	3.	2.8	6.	0.	2.171	1.474	0.6	2.	4.	4.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/60-09/05/61	15	11.	11.067	15.	7.5	5.888	2.427	7.8	9.	13.	14.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/60-09/05/61	15	1.2	1.153	1.7	0.1	0.16	0.4	0.46	1.	1.5	1.58
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/60-09/05/61	15	1.9	2.04	2.7	1.4	0.163	0.403	1.52	1.8	2.3	2.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/60-09/05/61	15	0.2	0.253	0.7	0.	0.053	0.229	0.	0.	0.5	0.64
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/60-09/05/61	15	1.	1.2	2.	1.	0.171	0.414	1.	1.	1.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/60-09/05/61	15	6.	6.333	10.	3.	3.524	1.877	3.6	5.	8.	8.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/60-09/05/61	15	0.1	0.093	0.2	0.	0.002	0.046	0.	0.1	0.1	0.14
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/60-09/05/61	15	5.1	5.213	5.9	4.7	0.106	0.325	4.82	5.	5.4	5.78
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/60-09/05/61	15	51.	47.333	58.	31.	66.381	8.147	34.6	40.	54.	58.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/18/60-09/05/61	15	0.1	0.08	0.3	0.	0.007	0.086	0.	0.	0.1	0.24

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	250.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0218

NPS Station ID: OLYM0218 LAT/LON: 47.832142/-123.999171 Agency: 11NPSWRD Date Created: 06/06/98
Location: WEIR ON W. TWIN CR. NEAR CONFLUENCE W/TWIN CR. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_UW_WTQP
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 520 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE OWL MOUNTAIN WASHINGTON - JEFFERSON CO. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON WEST TWIN CREEK AT A WEIR NEAR THE CONFLUENCE WITH TWIN CREEK IN OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1997 PAPER "TRENDS IN PRECIPITATION AND STREAM CHEMISTRY IN A PRISTINE OLD-GROWTH FOREST WATERSHED" BY ROBERT L. EDMONDS AND R. D. BLEW; UNIV. OF WASHINGTON. A QUALIMETRIC PROPORTIONAL SAMPLER WAS USED. GRAB SAMPLES WERE TAKEN AT STATION OLYM_UW_WTGR. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	271	109.	110.325	153.	2.	317.85	17.828	91.	101.	121.	133.
00406	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	271	7.56	7.466	8.98	5.52	0.145	0.38	6.874	7.33	7.71	7.788
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	271	7.56	7.199	8.98	5.52	0.216	0.465	6.874	7.33	7.71	7.788
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	271	0.028	0.063	3.02	0.001	0.038	0.194	0.016	0.019	0.047	0.134
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	254	35.	34.693	52.	11.	30.759	5.546	28.	32.	38.	41.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	133	0.005	0.018	0.54	0.	0.003	0.051	0.	0.	0.017	0.043
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	270	0.07	0.093	0.93	0.003	0.008	0.092	0.04	0.05	0.1	0.18
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	233	0.102	0.139	1.448	0.	0.022	0.147	0.031	0.064	0.156	0.291
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	163	0.017	0.024	0.498	0.	0.002	0.043	0.	0.	0.029	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	97 ##	0.	0.011	0.494	0.	0.003	0.051	0.	0.	0.004	0.022
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/12/89-10/31/89	8	0.95	1.138	2.	0.7	0.237	0.487	**	**	**	**
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	09/12/89-10/31/89	8	10.6	10.375	11.2	8.9	0.645	0.803	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	270	14.8	14.808	20.5	8.1	5.434	2.331	11.72	13.2	16.6	17.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	270	1.9	1.897	2.8	1.1	0.084	0.29	1.6	1.7	2.1	2.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	269	4.14	4.207	9.57	2.97	0.604	0.777	3.45	3.69	4.42	4.92
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	269	0.29	0.789	19.6	0.	3.128	1.769	0.19	0.24	0.36	2.01
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	273	3.	3.066	15.	1.	1.621	1.273	2.	3.	3.	3.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	272	5.1	5.305	8.5	0.5	1.701	1.304	3.8	4.5	6.3	7.17
01046	IRON, DISSOLVED (UG/L AS FE)	01/10/94-11/15/95	23 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01140	SILICON, DISSOLVED (UG/L AS SI)	01/10/94-11/15/95	25	3.	3.2	4.	2.	0.5	0.707	2.	3.	4.	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0218

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-7/31----------			----------8/01-9/30----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	271	0	0.00	41	0	0.00	90	0	0.00	99	0	0.00	41	0	0.00
		Other-Lo Lim.	6.5	271	7	0.03	41	0	0.00	90	1	0.01	99	4	0.04	41	2	0.05
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	270	0	0.00	43	0	0.00	90	0	0.00	96	0	0.00	41	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	273	0	0.00	44	0	0.00	90	0	0.00	98	0	0.00	41	0	0.00
		Drinking Water	250.	273	0	0.00	44	0	0.00	90	0	0.00	98	0	0.00	41	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	272	0	0.00	44	0	0.00	90	0	0.00	97	0	0.00	41	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1984 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	10	86.5	86.4	95.	76.	58.933	7.677	76.1	78.5	95.	95.
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	6	7.465	7.415	7.67	7.05	0.061	0.247	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	6	7.462	7.354	7.67	7.05	0.066	0.256	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	6	0.035	0.044	0.089	0.021	0.001	0.027	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	3	40.	38.	40.	34.	12.	3.464	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	6	0.006	0.009	0.017	0.002	0.	0.006	**	**	**	**
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	10	0.09	0.091	0.11	0.08	0.	0.012	0.08	0.08	0.103	0.11
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	10	0.124	0.126	0.22	0.06	0.003	0.051	0.061	0.075	0.162	0.216
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	10	0.022	0.02	0.029	0.012	0.	0.006	0.012	0.015	0.024	0.029
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	8	11.85	13.1	17.2	10.8	7.357	2.712	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	8	1.6	1.725	2.1	1.6	0.042	0.205	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	8	5.29	4.855	5.8	3.39	0.886	0.941	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	8	0.205	0.58	3.39	0.07	1.296	1.138	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	10	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	10	4.25	4.31	5.	3.7	0.152	0.39	3.73	4.075	4.525	4.99

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	30	107.	105.267	131.	79.	112.271	10.596	89.2	98.75	110.	115.7
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	31	7.44	7.432	8.68	6.5	0.138	0.371	6.92	7.27	7.65	7.716
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	31	7.44	7.277	8.68	6.5	0.163	0.403	6.92	7.27	7.65	7.716
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	31	0.036	0.053	0.316	0.002	0.003	0.059	0.019	0.022	0.054	0.121
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	22	36.5	36.409	43.	26.	13.301	3.647	33.	34.	38.	42.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	15	0.015	0.018	0.036	0.004	0.	0.01	0.005	0.011	0.025	0.035
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	29	0.07	0.087	0.22	0.02	0.002	0.041	0.06	0.07	0.09	0.15
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	26	0.095	0.112	0.294	0.045	0.004	0.066	0.048	0.062	0.135	0.23
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	29	0.017	0.021	0.086	0.	0.	0.016	0.01	0.011	0.022	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	6	0.004	0.004	0.007	0.003	0.	0.002	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	31	13.9	13.881	18.8	11.2	2.805	1.675	11.78	12.6	15.	16.08
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	31	1.8	1.835	2.2	1.6	0.026	0.162	1.6	1.7	2.	2.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	31	3.86	3.886	4.89	3.25	0.14	0.374	3.398	3.61	4.18	4.35
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	31	0.21	0.248	0.67	0.15	0.012	0.107	0.162	0.19	0.25	0.426
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	31	3.	3.677	15.	2.	7.092	2.663	3.	3.	3.	3.8
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	30	4.9	4.813	6.9	0.5	1.272	1.128	3.73	4.4	5.35	5.99

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Annual Analysis for 1986 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	36	109.	111.167	136.	75.	171.229	13.085	96.5	104.5	122.5	129.6
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	36	7.44	7.381	7.64	6.91	0.036	0.189	7.084	7.243	7.52	7.586
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	36	7.44	7.338	7.64	6.91	0.038	0.194	7.084	7.243	7.52	7.586
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	36	0.036	0.046	0.123	0.023	0.001	0.023	0.026	0.03	0.057	0.082
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	36	36.5	35.389	43.	21.	16.244	4.03	30.7	33.	38.	39.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	25	0.023	0.032	0.108	0.005	0.001	0.032	0.005	0.008	0.049	0.096
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	36	0.06	0.087	0.28	0.003	0.003	0.054	0.05	0.06	0.1	0.169
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	34	0.102	0.129	0.514	0.043	0.01	0.102	0.061	0.081	0.13	0.219
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	33	0.021	0.041	0.498	0.013	0.007	0.084	0.014	0.016	0.033	0.063
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	11	0.01	0.055	0.494	0.003	0.021	0.146	0.003	0.004	0.02	0.401
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	36	14.8	14.631	18.8	8.1	4.66	2.159	12.25	13.225	16.175	17.38
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	36	1.75	1.839	2.5	1.1	0.092	0.304	1.6	1.6	2.1	2.3

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Annual Analysis for 1986 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	36	3.85	3.859	4.86	3.14	0.225	0.474	3.328	3.473	4.16	4.638
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	36	0.285	0.597	9.72	0.17	2.481	1.575	0.22	0.233	0.335	0.784
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	36	3.	3.306	12.	2.	2.333	1.527	3.	3.	3.	4.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	36	4.8	5.122	7.1	2.9	0.925	0.962	4.14	4.525	5.725	6.73

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Annual Analysis for 1987 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	37	114.	112.027	133.	79.	160.583	12.672	96.6	102.	123.	128.4
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	37	7.61	7.525	7.91	5.52	0.159	0.399	7.272	7.48	7.68	7.84
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	37	7.61	6.953	7.91	5.52	0.495	0.704	7.272	7.48	7.68	7.84
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	37	0.025	0.111	3.02	0.012	0.242	0.492	0.014	0.021	0.033	0.054
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	35	37.	36.114	45.	29.	12.163	3.488	30.6	34.	38.	40.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	10	0.011	0.027	0.128	0.005	0.001	0.038	0.005	0.007	0.029	0.12
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	37	0.06	0.062	0.26	0.03	0.001	0.038	0.04	0.05	0.06	0.084
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	29	0.097	0.146	1.448	0.043	0.067	0.259	0.055	0.06	0.11	0.204
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	24	0.026	0.029	0.06	0.011	0.	0.013	0.014	0.019	0.034	0.051
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	9	0.012	0.009	0.016	0.	0.	0.007	0.	0.	0.015	0.016
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	37	14.5	14.959	17.9	9.8	3.299	1.816	13.18	13.85	16.65	17.7
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	37	1.8	1.87	2.3	1.3	0.067	0.258	1.6	1.7	2.	2.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	37	3.67	3.851	4.48	2.97	0.185	0.43	3.38	3.515	4.33	4.424
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	37	0.29	0.337	1.97	0.12	0.079	0.281	0.25	0.26	0.31	0.378
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	37	3.	2.892	4.	1.	0.266	0.516	2.8	3.	3.	3.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	37	5.1	5.2	7.2	2.8	1.22	1.105	4.02	4.5	5.85	7.2

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Annual Analysis for 1988 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	36	119.5	121.333	146.	97.	193.257	13.902	103.4	109.25	134.5	139.3
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	37	7.65	7.662	8.98	6.55	0.096	0.31	7.458	7.58	7.75	7.808
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	37	7.65	7.532	8.98	6.55	0.114	0.337	7.458	7.58	7.75	7.808
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	37	0.022	0.029	0.282	0.001	0.002	0.043	0.016	0.018	0.026	0.035
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	35	33.	34.829	42.	11.	34.44	5.869	30.	32.	40.	41.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	9	0.012	0.015	0.039	0.005	0.	0.011	0.005	0.008	0.02	0.039
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	34	0.06	0.065	0.19	0.03	0.001	0.032	0.04	0.05	0.07	0.1
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	28	0.11	0.181	0.95	0.042	0.036	0.191	0.056	0.07	0.214	0.387
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	9	0.012	0.01	0.035	0.	0.	0.012	0.	0.	0.016	0.035
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	35	15.4	15.491	19.	11.3	4.536	2.13	12.52	13.7	17.4	18.24
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	35	1.9	1.949	2.3	1.5	0.05	0.223	1.66	1.8	2.1	2.24
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	34	4.315	4.3	5.43	3.46	0.191	0.437	3.65	3.985	4.608	4.86
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	35	0.28	0.302	0.46	0.19	0.006	0.074	0.22	0.23	0.37	0.41
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	35	3.	2.886	4.	1.	0.516	0.718	1.6	3.	3.	4.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	35	5.	5.291	7.6	2.3	1.875	1.369	3.42	4.6	6.2	7.44

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Annual Analysis for 1989 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	44	119.5	119.25	151.	75.	402.238	20.056	93.	102.25	136.5	148.5
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	45	7.71	7.695	7.92	7.36	0.016	0.125	7.536	7.6	7.785	7.874
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	45	7.71	7.677	7.92	7.36	0.016	0.127	7.536	7.6	7.785	7.874
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	45	0.019	0.021	0.044	0.012	0.	0.006	0.013	0.016	0.025	0.029
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	45	36.	35.733	52.	25.	31.155	5.582	27.2	31.	40.	41.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	6	0.009	0.022	0.052	0.007	0.	0.022	**	**	**	**
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	45	0.06	0.072	0.27	0.03	0.002	0.04	0.05	0.05	0.075	0.116
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	40	0.115	0.164	0.585	0.049	0.013	0.115	0.068	0.093	0.214	0.328
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	5 ##	0.	0.005	0.013	0.	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	45	15.1	14.998	19.6	8.9	6.258	2.502	11.7	13.2	16.9	18.42
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	45	1.9	1.924	2.5	1.2	0.121	0.347	1.4	1.7	2.2	2.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	45	4.29	4.246	4.97	3.25	0.137	0.371	3.712	4.045	4.455	4.776
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	44	0.26	0.255	0.4	0.001	0.005	0.073	0.175	0.2	0.308	0.34
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	45	3.	3.	4.	2.	0.045	0.213	3.	3.	3.	3.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	45	5.4	5.509	8.	2.7	2.055	1.433	3.56	4.5	6.8	7.44

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Annual Analysis for 1990 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	18	113.	110.667	139.	89.	170.118	13.043	96.2	98.	117.5	128.2
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	18	7.73	7.698	7.98	7.22	0.025	0.158	7.526	7.623	7.765	7.881
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	18	7.73	7.666	7.98	7.22	0.026	0.161	7.526	7.622	7.765	7.881
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	18	0.019	0.022	0.06	0.01	0.	0.011	0.013	0.017	0.024	0.031
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	18	29.	29.333	37.	24.	15.176	3.896	24.	26.75	32.25	36.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	18	0.055	0.061	0.17	0.005	0.002	0.044	0.006	0.03	0.075	0.143
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	13	0.17	0.206	0.506	0.096	0.013	0.115	0.112	0.147	0.202	0.464
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	11	0.022	0.024	0.075	0.	0.001	0.025	0.	0.	0.033	0.071
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	16 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	18	14.45	14.228	17.1	10.9	3.914	1.978	11.35	12.5	15.95	16.83
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	18	1.85	1.811	2.3	1.3	0.075	0.274	1.39	1.6	2.	2.21
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	18	4.115	4.124	4.63	3.57	0.078	0.279	3.777	3.93	4.33	4.558
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	18	0.28	0.283	0.35	0.23	0.001	0.031	0.239	0.258	0.305	0.323
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	18	3.	2.722	3.	2.	0.212	0.461	2.	2.	3.	3.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	18	5.	4.967	6.8	3.5	1.	1.	3.59	4.15	5.65	6.53

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	10	94.5	88.4	127.	2.	1360.267	36.882	8.4	69.	120.25	126.7
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	11	7.6	7.533	7.73	7.28	0.025	0.16	7.298	7.37	7.69	7.728
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	11	7.6	7.506	7.73	7.28	0.026	0.162	7.298	7.37	7.69	7.728
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	11	0.025	0.031	0.052	0.019	0.	0.012	0.019	0.02	0.043	0.051
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	11	32.	32.	50.	13.	101.	10.05	14.6	26.	39.	47.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	11 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	11	0.05	0.05	0.1	0.02	0.	0.021	0.022	0.04	0.06	0.094
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	6	0.159	0.19	0.438	0.062	0.021	0.144	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	2 ##	0.007	0.007	0.013	0.	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	10	13.9	13.04	15.6	8.6	5.509	2.347	8.74	10.975	15.025	15.55

** - 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 1991 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	10	1.85	1.76	2.1	1.3	0.072	0.267	1.31	1.475	1.925	2.09
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	10	3.51	3.58	4.12	2.99	0.142	0.377	3.005	3.313	3.928	4.103
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	10	0.305	0.595	1.92	0.25	0.303	0.551	0.252	0.278	0.923	1.839
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	11	2.	2.364	4.	2.	0.455	0.674	2.	2.	3.	3.8
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	11	4.8	4.782	6.5	2.5	2.762	1.662	2.52	2.8	6.5	6.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	13	106.	105.769	117.	86.	74.359	8.623	90.4	100.	111.	117.
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	13	7.6	7.532	7.74	7.15	0.035	0.187	7.158	7.45	7.66	7.72
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	13	7.6	7.49	7.74	7.15	0.037	0.192	7.158	7.45	7.66	7.72
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	13	0.025	0.032	0.071	0.018	0.	0.017	0.019	0.022	0.036	0.07
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	12	36.	35.917	39.	32.	4.265	2.065	32.6	34.25	37.75	38.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	13	0.07	0.151	0.93	0.03	0.058	0.241	0.034	0.05	0.155	0.646
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	11	0.05	0.048	0.123	0.	0.002	0.045	0.	0.	0.094	0.12
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	5	0.014	0.02	0.069	0.	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	9 ##	0.	0.008	0.068	0.	0.001	0.023	0.	0.	0.	0.068
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	13	17.2	15.962	19.5	10.2	7.786	2.79	10.68	14.4	17.7	19.3
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	13	2.	1.915	2.2	1.4	0.073	0.27	1.44	1.7	2.15	2.2
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	13	4.01	3.979	4.49	3.38	0.102	0.32	3.44	3.75	4.205	4.426
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	13	0.29	0.614	2.74	0.25	0.672	0.82	0.254	0.265	0.305	2.5
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	13	2.	2.077	3.	2.	0.077	0.277	2.	2.	2.	2.6
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	13	5.6	5.785	7.7	3.6	1.421	1.192	3.96	4.85	6.9	7.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	12	110.5	111.5	135.	96.	135.727	11.65	97.2	102.5	118.5	132.9
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	12	7.05	7.117	7.89	6.27	0.249	0.499	6.372	6.71	7.658	7.848
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	12	7.05	6.88	7.89	6.27	0.31	0.557	6.372	6.71	7.657	7.848
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	12	0.089	0.132	0.537	0.013	0.022	0.148	0.014	0.023	0.2	0.45
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	12	39.5	38.5	45.	28.	23.545	4.852	29.8	34.25	42.	44.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	10 ##	0.	0.056	0.54	0.	0.029	0.17	0.	0.	0.005	0.488
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	12	0.095	0.13	0.33	0.06	0.007	0.086	0.063	0.08	0.175	0.309
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	11	0.213	0.24	0.45	0.	0.024	0.155	0.006	0.13	0.42	0.445
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	11 ##	0.	0.021	0.08	0.	0.001	0.028	0.	0.	0.05	0.074
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	12 ##	0.	0.004	0.05	0.	0.	0.014	0.	0.	0.	0.035
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	12	16.1	16.783	20.5	11.9	5.382	2.32	13.04	15.725	18.8	20.29
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	12	2.1	2.175	2.8	1.6	0.14	0.374	1.69	1.9	2.55	2.77
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	12	4.345	4.743	6.92	3.14	0.983	0.992	3.452	4.25	5.088	6.68
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	12	2.605	3.942	19.6	0.	25.4	5.04	0.45	2.133	3.665	14.863
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	12	2.5	2.667	4.	2.	0.606	0.778	2.	2.	3.	4.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	12	5.6	6.15	8.3	4.3	1.559	1.249	4.54	5.35	7.25	8.24

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Annual Analysis for 1994 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	13	102.	100.231	113.	88.	59.692	7.726	88.4	93.5	106.	111.
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	13	6.77	6.75	7.17	6.33	0.047	0.218	6.398	6.605	6.85	7.106
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	13	6.77	6.699	7.17	6.33	0.05	0.224	6.398	6.605	6.85	7.106
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	13	0.17	0.2	0.468	0.068	0.011	0.106	0.08	0.141	0.253	0.407
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	13	32.	32.077	36.	25.	14.577	3.818	25.4	29.	36.	36.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	12 ##	0.	0.012	0.09	0.	0.001	0.027	0.	0.	0.015	0.072
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	13	0.25	0.289	0.71	0.12	0.033	0.181	0.124	0.145	0.33	0.666
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	13	0.02	0.029	0.15	0.	0.002	0.039	0.	0.01	0.031	0.11
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	12 ##	0.	0.018	0.14	0.	0.002	0.043	0.	0.	0.008	0.119
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	13 ##	0.	0.007	0.06	0.	0.	0.018	0.	0.	0.	0.048
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	13	16.1	16.285	19.9	12.6	3.763	1.94	12.84	15.55	17.6	19.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	13	2.1	2.146	2.6	1.7	0.066	0.257	1.74	2.	2.4	2.52
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	13	5.64	6.101	9.57	4.22	2.522	1.588	4.404	4.94	6.81	9.29
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	13	2.01	2.742	8.21	0.	7.988	2.826	0.	0.225	5.885	7.37
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	13	3.	3.538	7.	2.	1.603	1.266	2.4	3.	4.	6.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	13	6.6	6.546	8.4	3.9	1.551	1.245	4.34	5.75	7.5	8.24

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

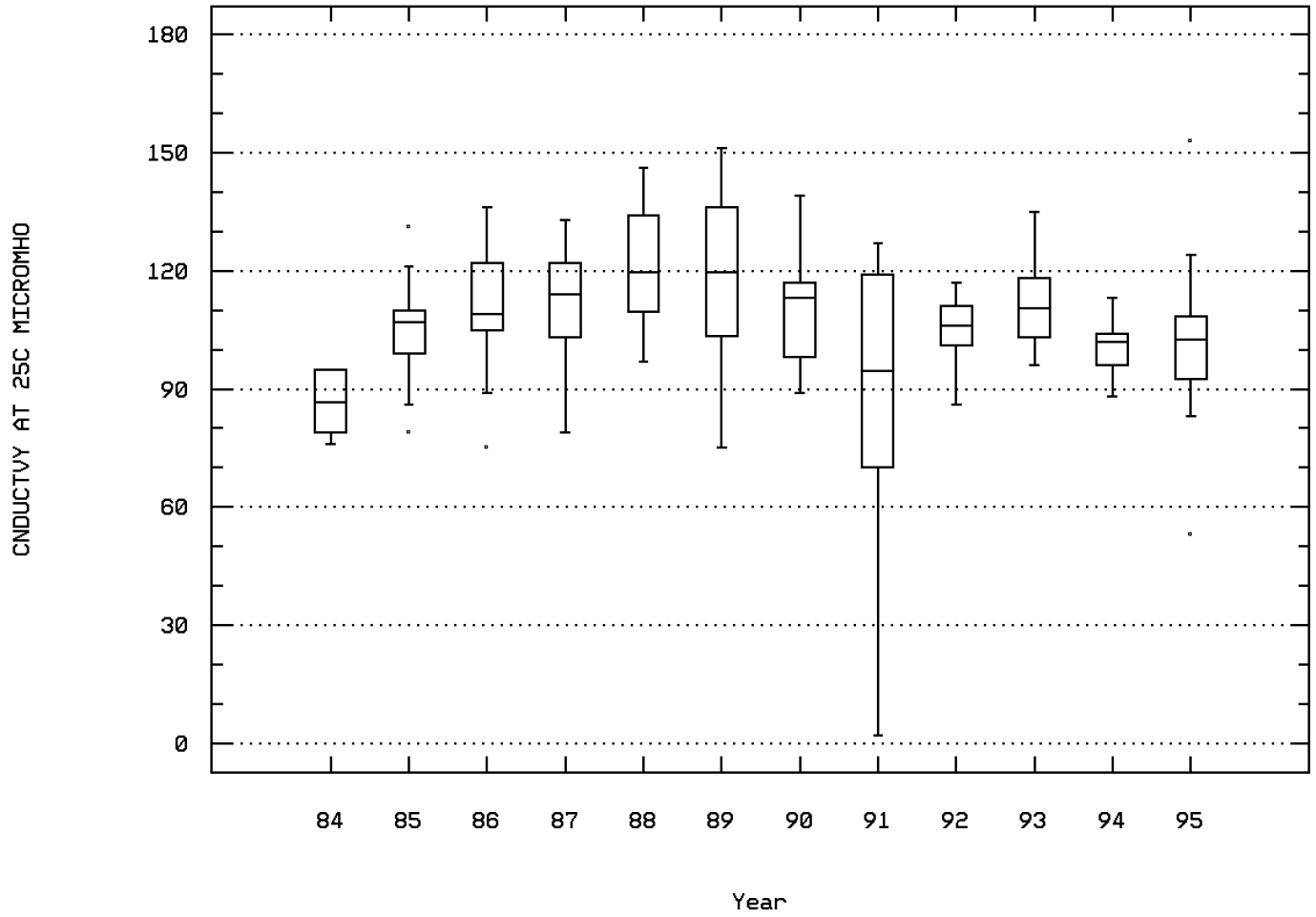
Annual Analysis for 1995 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	12	102.5	101.833	153.	53.	562.333	23.714	62.	90.75	110.25	144.3
00406p	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	12	6.855	6.83	7.25	6.5	0.072	0.268	6.5	6.54	7.058	7.235
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	12	6.855	6.759	7.25	6.5	0.077	0.278	6.5	6.54	7.057	7.235
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	12	0.14	0.174	0.316	0.056	0.01	0.099	0.058	0.088	0.289	0.316
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	12	32.	28.5	37.	17.	57.545	7.586	17.	19.	33.75	36.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	12 ##	0.	0.003	0.03	0.	0.	0.009	0.	0.	0.	0.022
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	12	0.16	0.158	0.25	0.09	0.002	0.05	0.096	0.11	0.2	0.235
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	12	0.034	0.056	0.18	0.002	0.003	0.053	0.004	0.02	0.1	0.159
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	12 ##	0.	0.006	0.07	0.	0.	0.02	0.	0.	0.	0.049
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	12 ##	0.	0.01	0.05	0.	0.	0.019	0.	0.	0.023	0.047
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	12	13.45	13.217	18.3	8.3	6.429	2.536	9.14	11.3	14.8	17.43
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	12	1.85	1.842	2.4	1.2	0.094	0.306	1.32	1.625	2.075	2.31
00930p	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	12	4.67	4.642	6.46	3.42	0.604	0.777	3.597	4.033	5.033	6.046
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	12	2.695	3.506	6.53	0.4	4.617	2.149	0.805	1.813	5.875	6.425
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	12	4.	4.25	7.	3.	2.205	1.485	3.	3.	5.	7.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	12	5.75	5.792	8.5	2.9	3.159	1.777	3.08	4.525	7.425	8.41

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: OLYM0218 Parameter Code: 00095

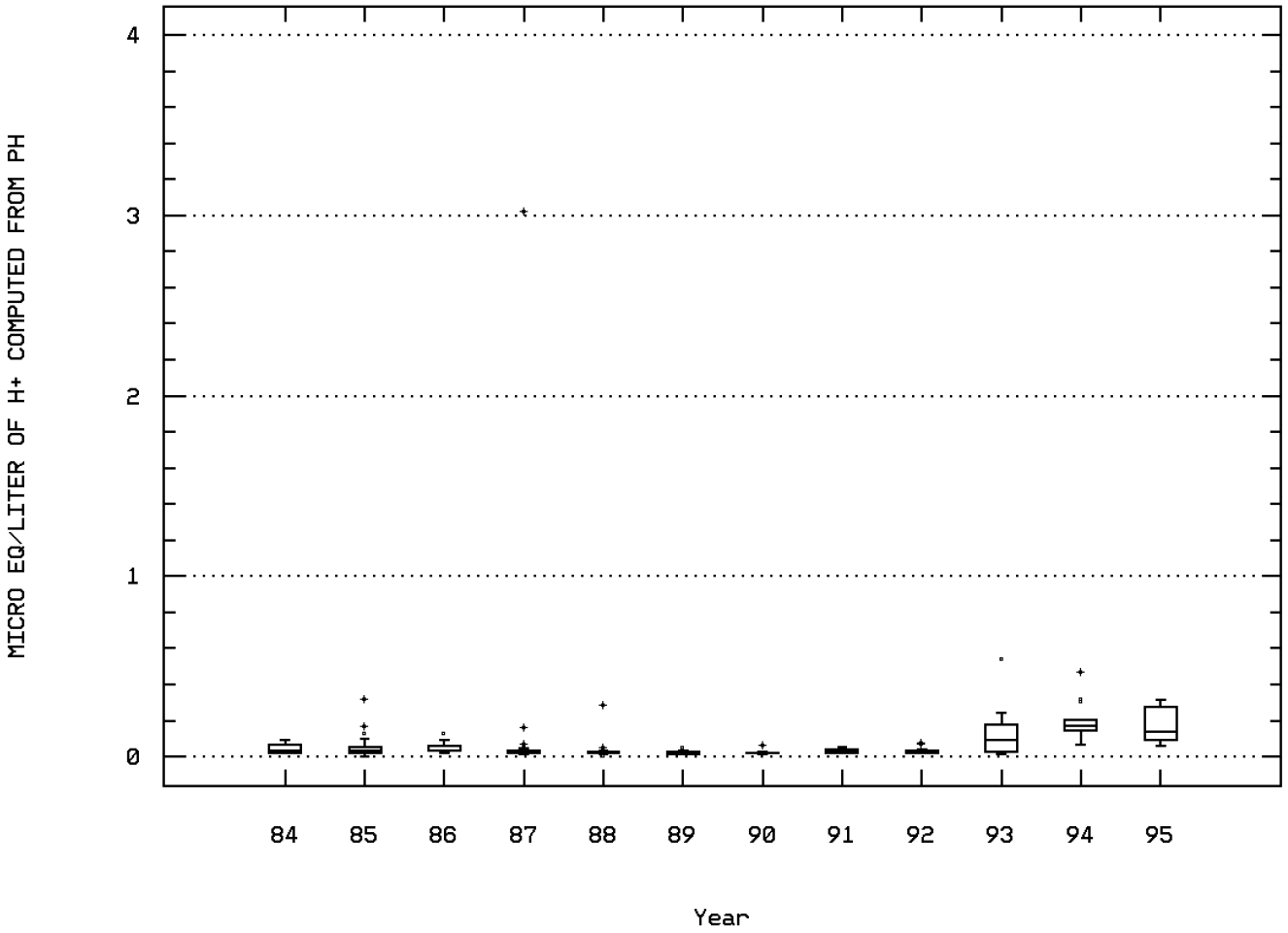
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0218 Parameter Code: 00406

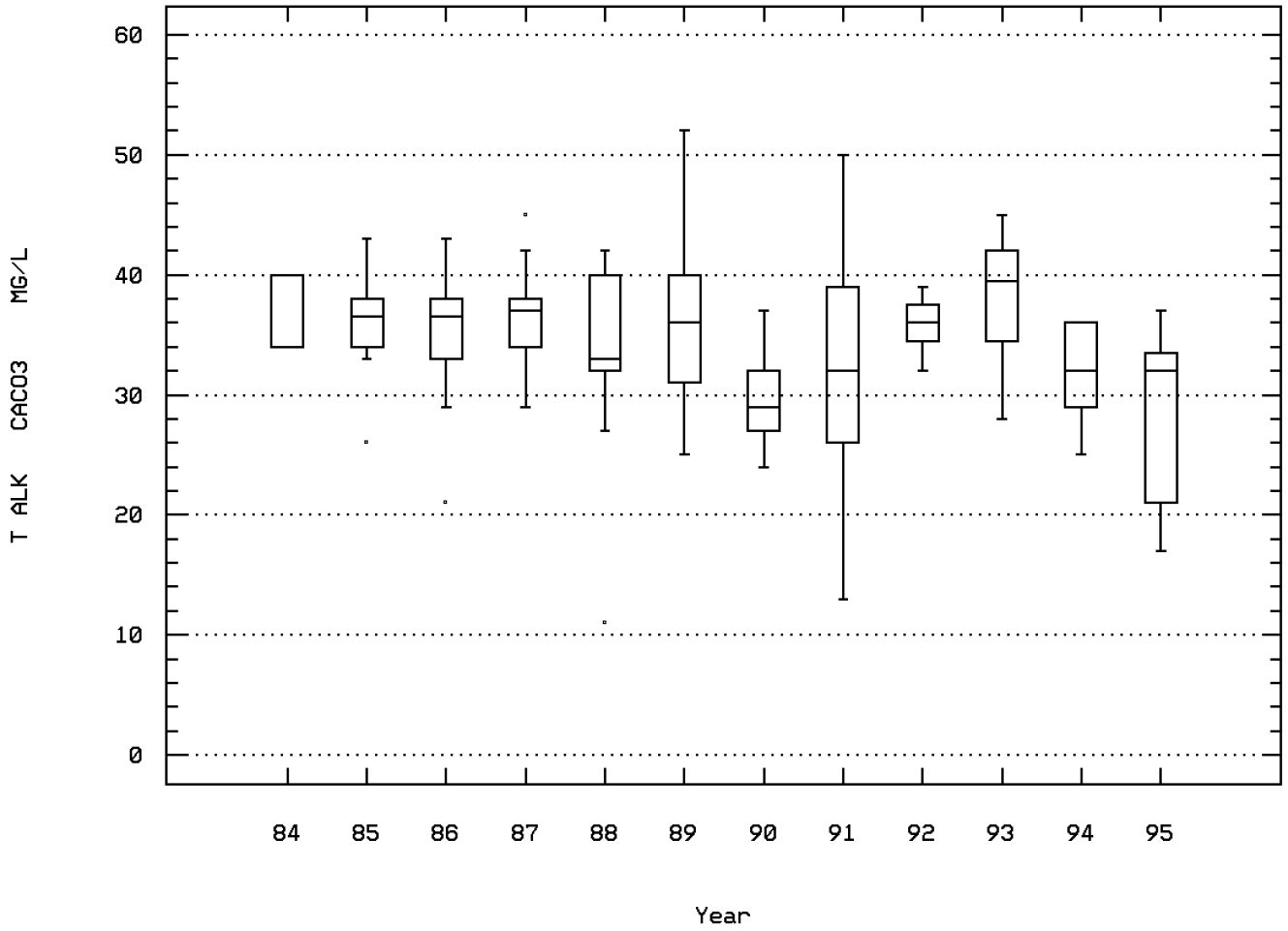
MICRO EQ/LITER OF H+ COMPUTED FROM PH



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0218 Parameter Code: 00410

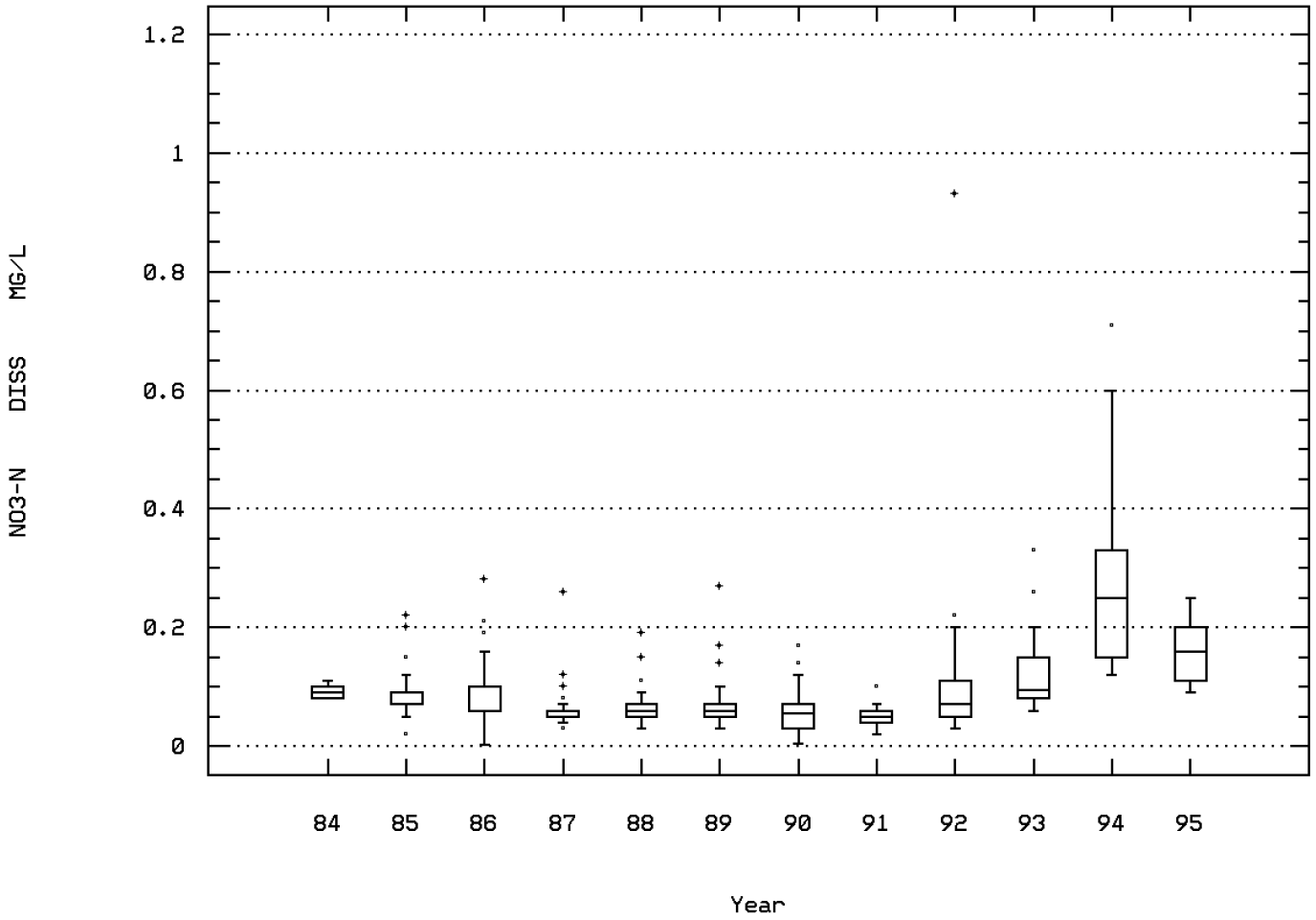
ALKALINITY, TOTAL (MG/L AS CACO3)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0218 Parameter Code: 00618

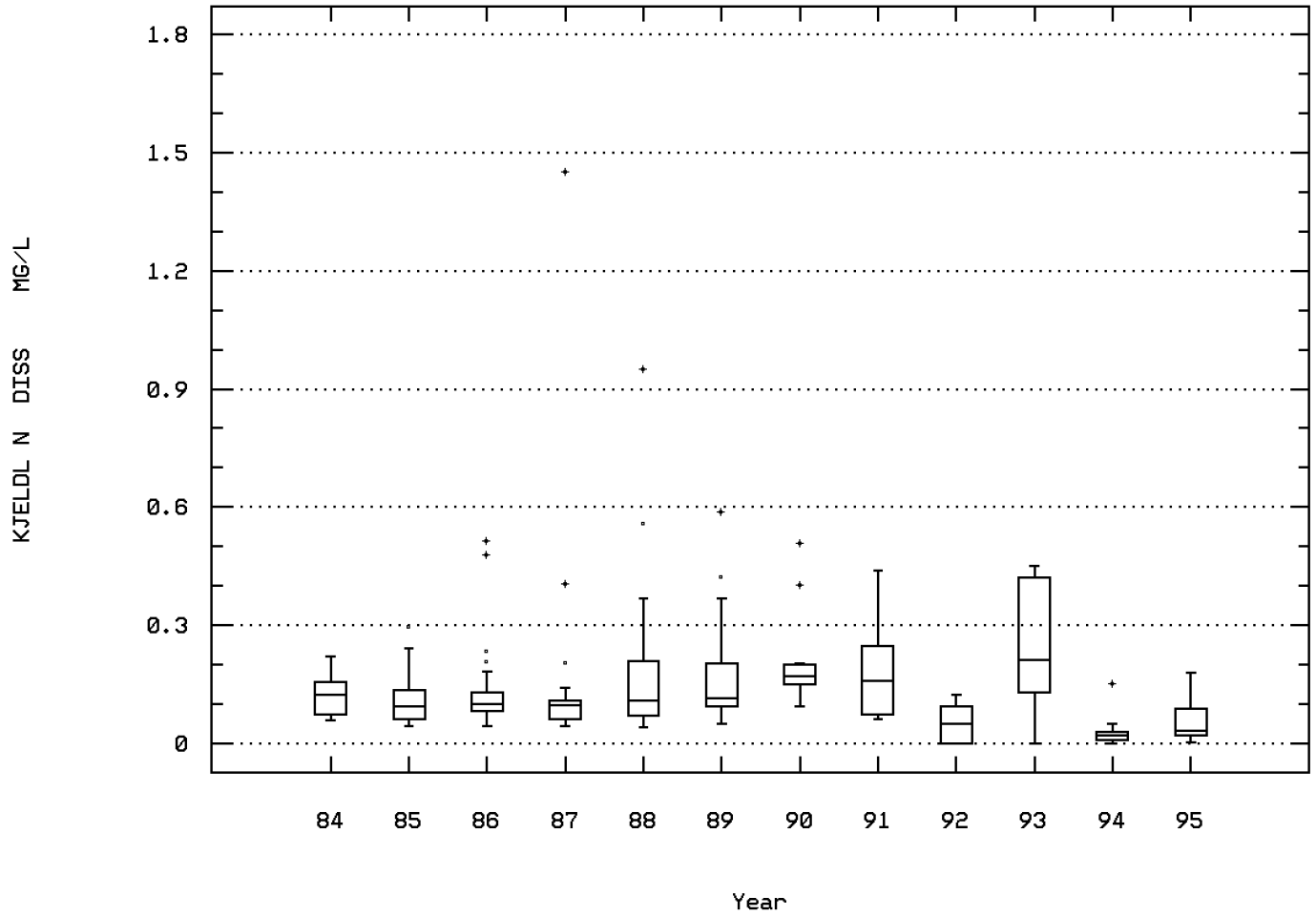
NITRATE NITROGEN, DISSOLVED (MG/L AS N)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0218 Parameter Code: 00623

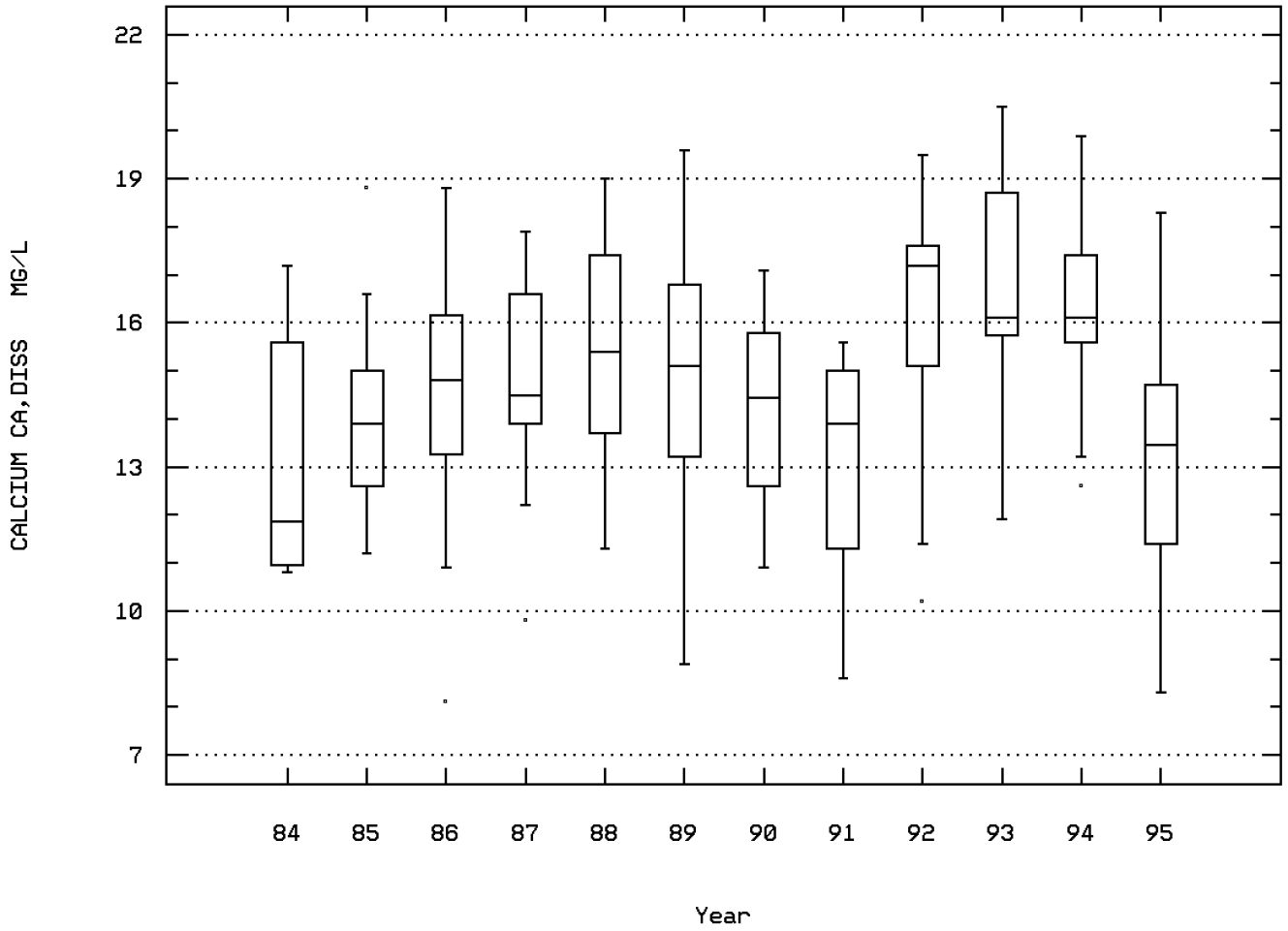
NITROGEN, KJELDAHL, DISSOLVED (MG/L AS



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0218 Parameter Code: 00915

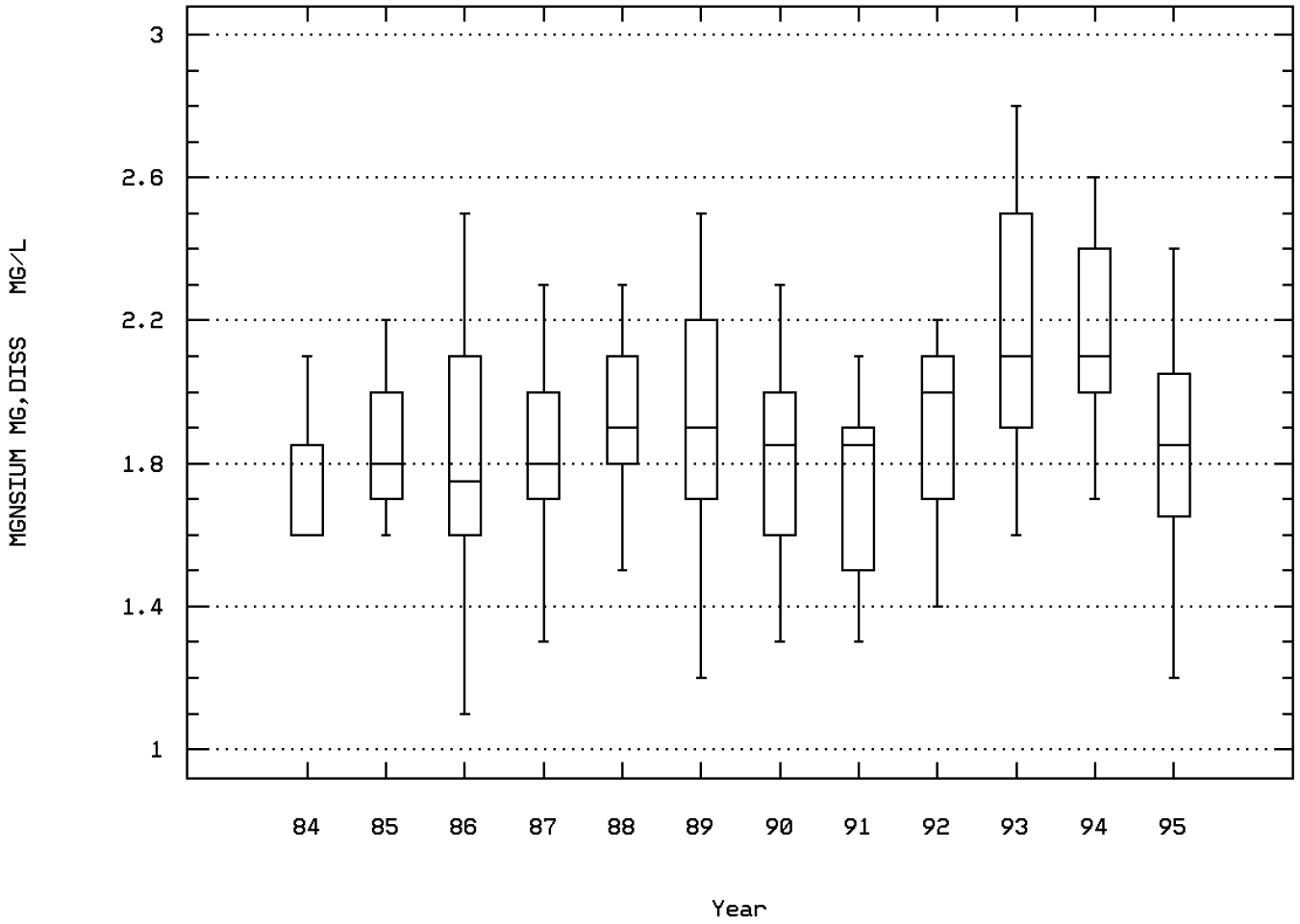
CALCIUM, DISSOLVED (MG/L AS CA)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0218 Parameter Code: 00925

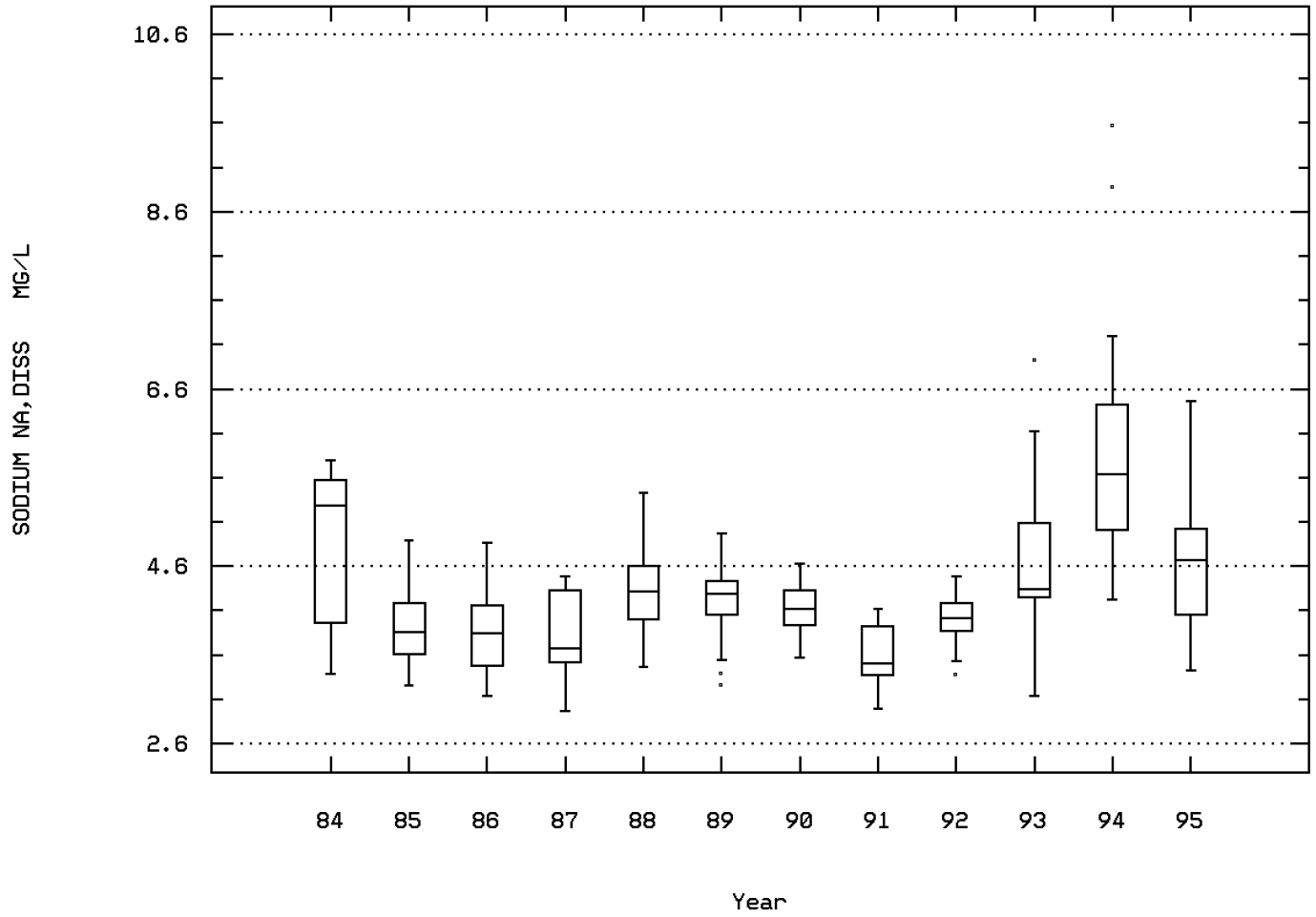
MAGNESIUM, DISSOLVED (MG/L AS MG)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0218 Parameter Code: 00930

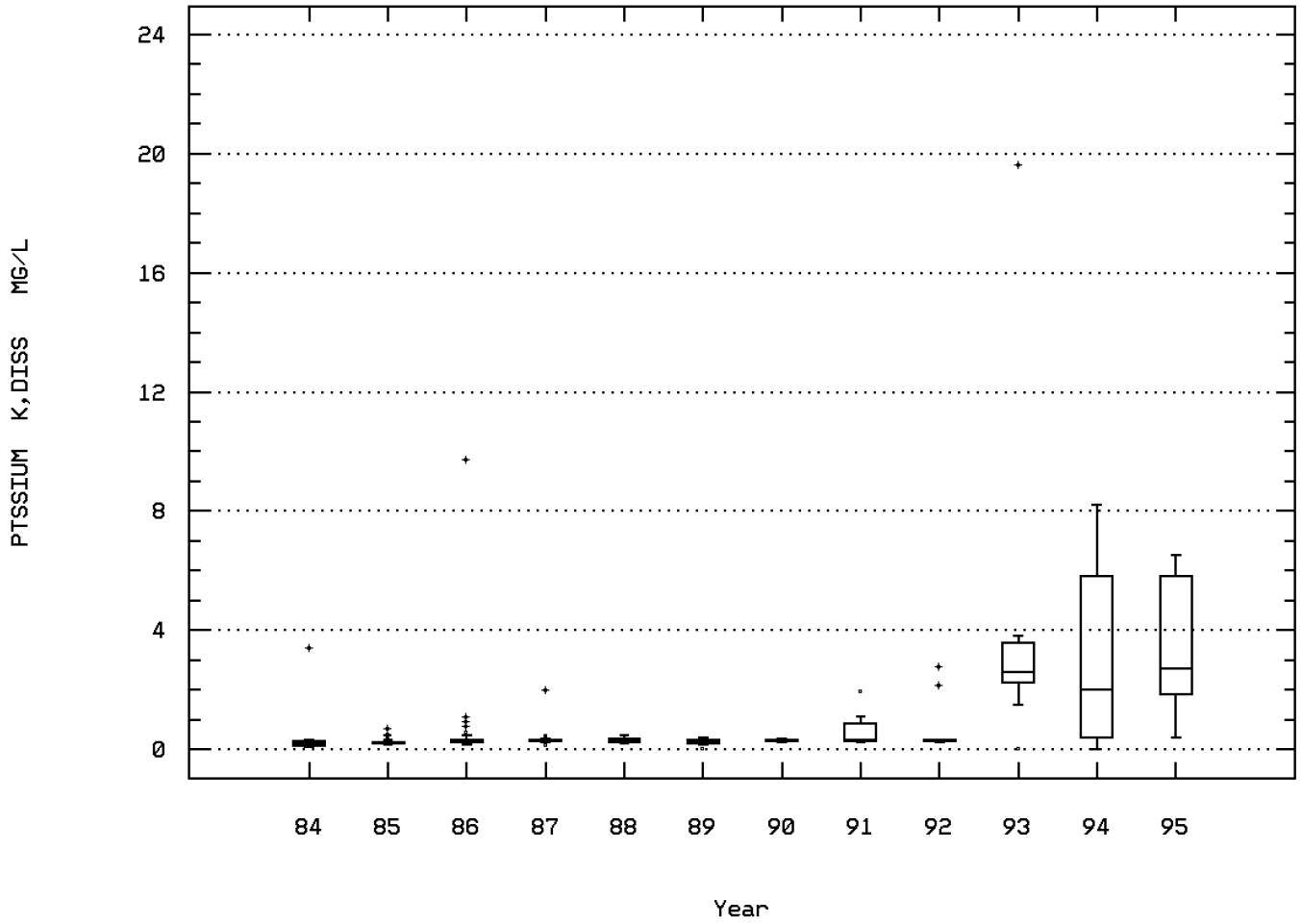
SODIUM, DISSOLVED (MG/L AS NA)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0218 Parameter Code: 00935

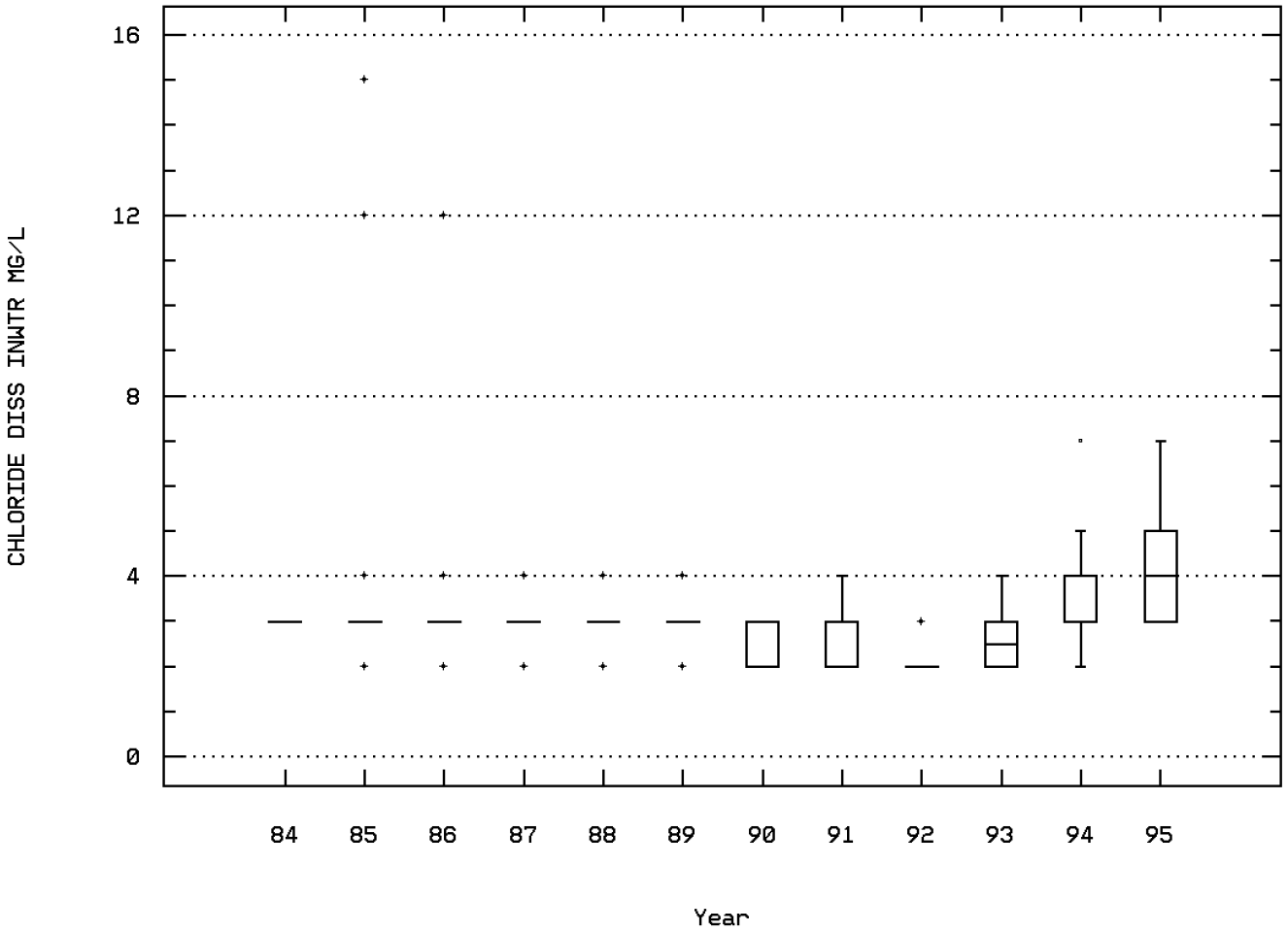
POTASSIUM, DISSOLVED (MG/L AS K)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0218 Parameter Code: 00941

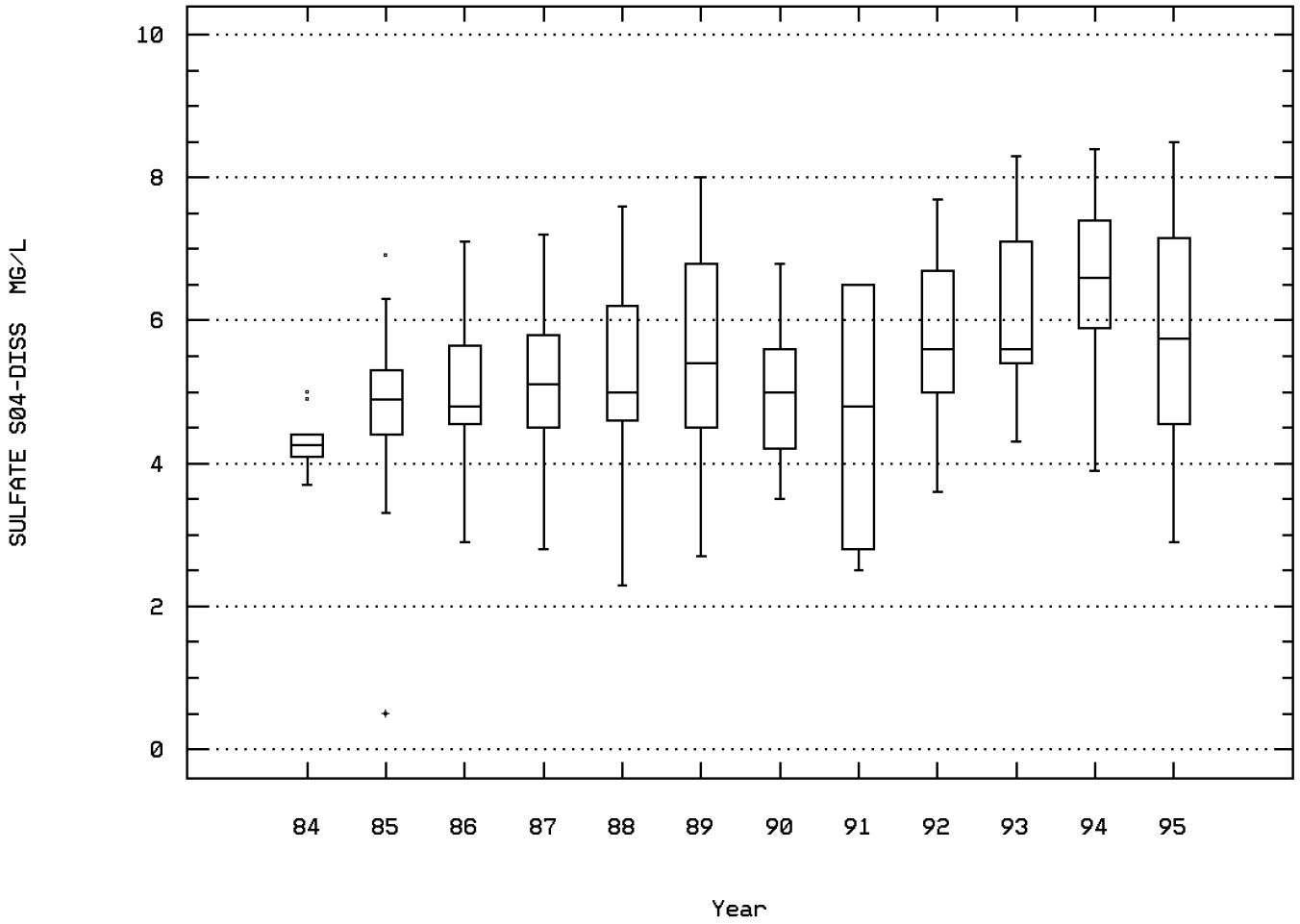
CHLORIDE, DISSOLVED IN WATER



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0218 Parameter Code: 00946

SULFATE, DISSOLVED (MG/L AS SO4)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	42	113.5	111.643	151.	2.	704.821	26.548	77.6	100.5	131.	135.7
00406	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	41	7.56	7.504	8.68	6.65	0.129	0.359	7.004	7.36	7.695	7.814
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	41	7.56	7.351	8.68	6.65	0.153	0.391	7.004	7.36	7.695	7.814
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	41	0.028	0.045	0.224	0.002	0.002	0.047	0.015	0.02	0.044	0.099
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	40	38.	36.575	50.	17.	39.43	6.279	29.1	34.	40.	43.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	24	0.006	0.016	0.094	0.	0.001	0.025	0.	0.	0.02	0.062
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	43	0.11	0.153	0.93	0.04	0.019	0.139	0.064	0.08	0.2	0.266
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	40	0.108	0.122	0.514	0.	0.012	0.11	0.004	0.053	0.129	0.225
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	34	0.019	0.024	0.084	0.	0.001	0.024	0.	0.	0.037	0.069
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	14 ##	0.002	0.014	0.068	0.	0.	0.021	0.	0.	0.022	0.059
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	41	16.8	16.002	20.5	8.1	7.393	2.719	11.42	14.2	17.5	19.48
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	41	2.1	2.076	2.8	1.1	0.122	0.349	1.62	1.75	2.3	2.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	41	4.4	4.493	6.43	3.34	0.541	0.736	3.514	4.005	4.86	5.758
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	41	0.32	0.902	6.11	0.08	2.2	1.483	0.222	0.29	0.45	3.262
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	44	3.	2.727	4.	1.	0.342	0.585	2.	2.25	3.	3.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	44	6.4	5.948	8.4	2.3	2.376	1.541	4.05	4.575	7.1	8.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	90	99.5	99.189	137.	53.	137.121	11.71	86.	95.	107.	110.9
00406	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	90	7.52	7.43	8.98	6.5	0.133	0.364	6.864	7.235	7.66	7.74
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	90	7.52	7.267	8.98	6.5	0.159	0.399	6.864	7.235	7.66	7.74
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	90	0.03	0.054	0.316	0.001	0.004	0.059	0.018	0.022	0.058	0.137
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	77	32.	30.701	38.	11.	24.054	4.905	25.	28.	34.	35.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	39	0.004	0.021	0.54	0.	0.007	0.086	0.	0.	0.012	0.025
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	90	0.07	0.085	0.33	0.005	0.004	0.062	0.041	0.06	0.09	0.149
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	78	0.092	0.127	1.448	0.01	0.03	0.172	0.044	0.06	0.137	0.22
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	54	0.019	0.021	0.08	0.	0.	0.016	0.	0.012	0.029	0.048
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	31 ##	0.	0.006	0.05	0.	0.	0.013	0.	0.	0.01	0.027
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	90	13.2	13.188	18.5	8.3	3.241	1.8	10.9	12.1	14.3	15.49
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	90	1.7	1.69	2.4	1.2	0.043	0.207	1.4	1.6	1.8	1.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	89	3.73	3.885	7.19	2.97	0.453	0.673	3.34	3.49	4.095	4.41
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	89	0.25	0.741	6.18	0.001	1.866	1.366	0.17	0.21	0.3	2.66
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	90	3.	3.244	15.	1.	2.996	1.731	2.	3.	3.	4.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	90	4.5	4.398	6.8	0.5	0.829	0.91	3.3	4.	4.825	5.49

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	99	111.	111.586	135.	75.	106.021	10.297	100.	104.	118.	127.
00406	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	99	7.57	7.469	7.98	5.52	0.157	0.396	6.87	7.41	7.72	7.78
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	99	7.57	7.088	7.98	5.52	0.304	0.552	6.87	7.41	7.72	7.78
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	99	0.027	0.082	3.02	0.01	0.095	0.309	0.017	0.019	0.039	0.135
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	96	36.	35.167	43.	13.	17.888	4.229	29.7	33.	38.	39.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	49	0.007	0.018	0.108	0.	0.001	0.026	0.	0.	0.025	0.052
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	96	0.06	0.077	0.71	0.03	0.009	0.094	0.04	0.05	0.07	0.096
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	79	0.104	0.147	0.95	0.	0.021	0.144	0.03	0.067	0.18	0.312
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	57	0.016	0.019	0.086	0.	0.	0.019	0.	0.005	0.024	0.045
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	38 ##	0.	0.003	0.06	0.	0.	0.01	0.	0.	0.003	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	98	15.	14.754	19.	8.9	2.63	1.622	12.8	13.775	15.825	16.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	98	1.9	1.88	2.2	1.2	0.033	0.182	1.6	1.8	2.	2.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	98	4.17	4.259	9.57	3.14	0.775	0.88	3.559	3.865	4.345	4.824
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	98	0.27	0.597	9.72	0.	1.514	1.231	0.19	0.228	0.34	1.752
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	98	3.	3.092	12.	2.	1.198	1.094	2.	3.	3.	3.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	97	5.3	5.332	7.7	2.7	0.714	0.845	4.38	4.8	5.85	6.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/20/84-11/15/95	40	131.5	130.875	153.	104.	154.984	12.449	111.1	124.5	139.75	147.8
00406	PH, FIELD, STANDARD UNITS SU	10/20/84-11/15/95	41	7.63	7.498	7.92	6.33	0.162	0.403	6.748	7.405	7.775	7.872
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/20/84-11/15/95	41	7.63	7.243	7.92	6.33	0.229	0.479	6.748	7.405	7.775	7.872
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/84-11/15/95	41	0.023	0.057	0.468	0.012	0.008	0.091	0.013	0.017	0.039	0.18
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/20/84-11/15/95	41	39.	39.244	52.	27.	11.939	3.455	36.	38.	41.	42.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/84-11/15/95	21 ##	0.	0.015	0.128	0.	0.001	0.029	0.	0.	0.018	0.046
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	41	0.07	0.086	0.25	0.003	0.003	0.05	0.042	0.06	0.1	0.174
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	10/20/84-11/15/95	36	0.119	0.169	0.585	0.01	0.018	0.133	0.03	0.075	0.237	0.384
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/84-11/15/95	18	0.013	0.046	0.498	0.	0.014	0.117	0.	0.	0.026	0.176
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/20/84-11/15/95	14 ##	0.	0.038	0.494	0.	0.017	0.132	0.	0.	0.001	0.262
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/20/84-11/15/95	41	17.6	17.298	19.5	11.9	1.835	1.355	15.12	16.85	18.	18.58
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/20/84-11/15/95	41	2.2	2.212	2.6	1.6	0.035	0.187	1.92	2.15	2.3	2.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/20/84-11/15/95	41	4.46	4.496	5.45	3.14	0.224	0.473	3.91	4.295	4.825	5.072
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/20/84-11/15/95	41	0.33	1.237	19.6	0.24	10.666	3.266	0.282	0.29	0.41	3.114
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/20/84-11/15/95	41	3.	2.976	7.	1.	0.874	0.935	2.	3.	3.	4.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/20/84-11/15/95	41	6.8	6.544	8.5	2.8	1.531	1.237	4.4	6.35	7.3	7.68

** - 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

Station Inventory for Station: OLYM0219

NPS Station ID: OLYM0219 LAT/LON: 47.832142/-123.999171 Agency: 11NPSWRD Date Created: 06/06/98
Location: WEIR ON W. TWIN CR. NEAR CONFLUENCE W/TWIN CR. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_UW_WTGR
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 520 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE OWL MOUNTAIN WASHINGTON - JEFFERSON CO. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS ON WEST TWIN CREEK AT A WEIR NEAR THE CONFLUENCE WITH TWIN CREEK IN OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1997 PAPER "TRENDS IN PRECIPITATION AND STREAM CHEMISTRY IN A PRISTINE OLD-GROWTH FOREST WATERSHED" BY ROBERT L. EDMONDS AND R. D. BLEW; UNIV. OF WASHINGTON. GRAB SAMPLES WERE USED. PROPORTIONAL SAMPLES WERE TAKEN AT COLLOCATED STATION OLYM_UW_WTQP. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	257	109.	110.879	151.	4.	412.169	20.302	89.8	101.	124.5	137.
00406	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	263	7.59	7.449	8.78	4.53	0.222	0.472	6.888	7.35	7.7	7.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	263	7.59	6.706	8.78	4.53	0.777	0.882	6.888	7.35	7.7	7.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	263	0.026	0.197	29.512	0.002	3.357	1.832	0.016	0.02	0.045	0.129
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	261	34.	33.437	62.	6.	59.724	7.728	24.	30.	39.	41.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	246	0.001	0.006	0.105	0.	0.	0.014	0.	0.001	0.001	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	256	0.06	0.079	0.47	0.	0.004	0.063	0.037	0.05	0.09	0.143
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	229	0.078	0.115	0.807	0.	0.014	0.12	0.025	0.05	0.132	0.222
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	227	0.011	0.062	9.93	0.	0.434	0.659	0.	0.001	0.02	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	244	0.001	0.01	1.62	0.	0.011	0.105	0.	0.	0.001	0.005
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/04/88-11/28/89	54	1.	1.183	3.5	0.5	0.333	0.577	0.65	0.8	1.4	2.
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	10/04/88-11/28/89	54	8.6	8.744	10.9	5.4	1.254	1.12	7.55	8.	9.45	10.35
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	264	15.	15.001	21.1	5.9	6.822	2.612	11.75	13.5	16.9	18.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	264	1.9	1.908	2.8	0.5	0.116	0.34	1.5	1.7	2.175	2.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	263	4.19	4.197	9.69	1.28	0.644	0.802	3.398	3.76	4.44	4.908
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	259	0.29	0.88	6.39	0.	1.842	1.357	0.21	0.25	0.41	2.92
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	257	3.	2.875	8.	1.	0.758	0.871	2.	2.	3.	3.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	259	5.2	5.432	12.3	1.3	2.33	1.527	3.6	4.4	6.5	7.4
01046	IRON, DISSOLVED (UG/L AS FE)	01/12/95-12/17/97	34 ##	0.	0.002	0.03	0.	0.	0.007	0.	0.	0.	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01140	SILICON, DISSOLVED (UG/L AS SI)	01/12/95-12/17/97	38	4.	3.511	5.	0.4	0.726	0.852	2.9	3.	4.	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0219

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-7/31----------			----------8/01-9/30----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	263	0	0.00	42	0	0.00	75	0	0.00	98	0	0.00	48	0	0.00
		Other-Lo Lim.	6.5	263	15	0.06	42	0	0.00	75	4	0.05	98	8	0.08	48	3	0.06
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	256	0	0.00	42	0	0.00	74	0	0.00	95	0	0.00	45	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	257	0	0.00	43	0	0.00	74	0	0.00	95	0	0.00	45	0	0.00
		Drinking Water	250.	257	0	0.00	43	0	0.00	74	0	0.00	95	0	0.00	45	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	259	0	0.00	43	0	0.00	74	0	0.00	97	0	0.00	45	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1985 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	7	110.	98.714	138.	4.	1939.905	44.044	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	7	7.28	7.193	7.64	6.44	0.165	0.407	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	7	7.28	7.002	7.64	6.44	0.208	0.456	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	7	0.052	0.099	0.363	0.023	0.014	0.12	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	7	36.	36.857	42.	31.	18.476	4.298	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	7	0.001	0.019	0.105	0.001	0.002	0.039	**	**	**	**
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	7	0.09	0.087	0.11	0.07	0.	0.018	**	**	**	**
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	7	0.065	0.063	0.111	0.001	0.001	0.035	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	7	0.022	0.021	0.04	0.009	0.	0.011	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	7	0.001	0.002	0.005	0.001	0.	0.002	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	7	15.9	15.129	17.1	11.8	3.612	1.901	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	7	2.	1.943	2.2	1.5	0.07	0.264	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	7	4.22	4.046	4.51	3.31	0.217	0.466	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	7	0.29	0.466	1.43	0.18	0.194	0.44	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	7	3.	2.857	3.	2.	0.143	0.378	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	7	5.4	5.2	7.7	1.3	4.733	2.176	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	17	111.	114.941	143.	93.	210.184	14.498	95.4	103.	126.	138.2
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	17	7.53	7.479	7.63	7.01	0.023	0.15	7.25	7.42	7.58	7.63
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	17	7.53	7.449	7.63	7.01	0.024	0.154	7.25	7.42	7.58	7.63
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	17	0.03	0.036	0.098	0.023	0.	0.017	0.023	0.026	0.038	0.059
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	17	36.	35.235	41.	28.	16.066	4.008	29.6	31.5	39.	40.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	17	0.006	0.016	0.06	0.001	0.	0.019	0.001	0.001	0.03	0.048
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	17	0.07	0.077	0.13	0.05	0.001	0.026	0.05	0.06	0.08	0.13
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	16	0.071	0.072	0.116	0.024	0.001	0.026	0.037	0.051	0.095	0.108
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	16	0.02	0.022	0.037	0.013	0.	0.007	0.014	0.017	0.027	0.035
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	17	0.001	0.003	0.014	0.001	0.	0.004	0.001	0.001	0.004	0.012
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	17	13.7	15.4	19.5	12.4	6.957	2.638	12.64	13.1	18.1	19.42
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	17	1.7	1.906	2.5	1.5	0.124	0.353	1.5	1.6	2.3	2.34
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	17	3.72	3.865	4.77	3.27	0.201	0.449	3.342	3.435	4.25	4.538
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	17	0.27	0.272	0.37	0.2	0.002	0.047	0.208	0.24	0.3	0.338
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	17	3.	2.941	3.	2.	0.059	0.243	2.8	3.	3.	3.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	17	4.6	5.253	7.4	3.9	1.356	1.165	4.06	4.35	6.6	6.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	33	113.	112.061	132.	55.	235.496	15.346	92.	106.5	123.5	129.6
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	34	7.665	7.671	7.93	7.39	0.012	0.109	7.53	7.6	7.733	7.83
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	34	7.665	7.658	7.93	7.39	0.012	0.11	7.53	7.6	7.733	7.83
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	34	0.022	0.022	0.041	0.012	0.	0.006	0.015	0.019	0.025	0.03
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	33	37.	35.758	42.	23.	17.064	4.131	28.8	34.	39.	39.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	34	0.001	0.005	0.028	0.001	0.	0.008	0.001	0.001	0.006	0.023
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	34	0.05	0.062	0.31	0.001	0.002	0.049	0.035	0.04	0.06	0.095
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	31	0.074	0.083	0.361	0.025	0.004	0.061	0.039	0.052	0.084	0.138
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	31	0.019	0.022	0.045	0.007	0.	0.01	0.011	0.013	0.028	0.039
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	34	0.001	0.05	1.62	0.001	0.077	0.277	0.001	0.001	0.001	0.012
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	34	14.7	14.868	18.6	8.3	4.37	2.09	12.55	13.775	16.15	17.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	34	1.8	1.829	2.4	0.5	0.115	0.339	1.5	1.7	1.925	2.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	33	3.75	3.728	4.41	1.28	0.421	0.648	2.976	3.5	4.305	4.35
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	34	0.28	0.298	0.43	0.2	0.003	0.052	0.25	0.27	0.315	0.38
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	34	3.	2.824	3.	1.	0.271	0.521	2.	3.	3.	3.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	34	5.35	5.303	8.	1.3	1.883	1.372	3.25	4.575	6.15	7.05

** - 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 1988 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	46	119.5	120.283	151.	70.	250.385	15.824	101.7	109.	133.25	140.2
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	46	7.7	7.726	8.78	7.42	0.057	0.238	7.507	7.608	7.765	7.82
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	46	7.7	7.683	8.78	7.42	0.058	0.242	7.507	7.608	7.765	7.82
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	46	0.02	0.021	0.038	0.002	0.	0.007	0.015	0.017	0.025	0.031
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	46	35.	36.	50.	22.	23.333	4.83	30.7	33.	40.	42.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	47	0.001	0.002	0.051	0.001	0.	0.007	0.001	0.001	0.001	0.002
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	47	0.05	0.061	0.18	0.02	0.001	0.031	0.038	0.04	0.06	0.102
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	47	0.076	0.108	0.391	0.008	0.007	0.086	0.036	0.062	0.125	0.233
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	47	0.01	0.011	0.031	0.001	0.	0.006	0.004	0.007	0.015	0.019
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	47	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	47	15.3	15.421	19.	9.9	4.64	2.154	12.38	14.3	17.3	18.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	47	1.9	1.921	2.3	0.8	0.072	0.269	1.68	1.8	2.1	2.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	47	4.3	4.202	4.89	1.57	0.305	0.552	3.506	3.99	4.6	4.812
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	47	0.27	0.288	0.42	0.1	0.005	0.074	0.2	0.23	0.35	0.392
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	47	3.	2.83	4.	1.	0.362	0.601	2.	3.	3.	3.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	47	5.1	5.279	7.6	2.2	1.95	1.397	3.14	4.5	6.6	7.22

** - 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 1989 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	46	117.5	118.652	151.	72.	347.032	18.629	97.4	103.5	136.25	144.
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	46	7.67	7.602	7.95	6.05	0.1	0.316	7.283	7.578	7.743	7.879
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	46	7.67	7.338	7.95	6.05	0.171	0.414	7.283	7.577	7.743	7.879
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	46	0.021	0.046	0.891	0.011	0.017	0.13	0.013	0.018	0.026	0.052
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	46	37.	35.5	43.	24.	23.011	4.797	27.7	32.75	40.	40.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	46	0.001	0.002	0.029	0.001	0.	0.004	0.001	0.001	0.001	0.007
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	46	0.06	0.069	0.25	0.03	0.001	0.037	0.05	0.05	0.08	0.106
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	43	0.115	0.152	0.807	0.031	0.02	0.14	0.047	0.07	0.178	0.33
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	41	0.009	0.021	0.177	0.001	0.001	0.036	0.001	0.006	0.015	0.081
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	46	0.001	0.001	0.014	0.001	0.	0.002	0.001	0.001	0.001	0.001
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	46	15.25	15.239	19.2	8.5	5.914	2.432	12.27	13.4	17.25	18.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	46	1.9	1.917	2.5	0.5	0.156	0.395	1.5	1.7	2.2	2.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	46	4.27	4.307	5.53	3.24	0.148	0.385	3.823	4.155	4.543	4.779
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	46	0.265	0.256	0.35	0.09	0.003	0.057	0.184	0.208	0.29	0.333
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	46	3.	3.	4.	2.	0.089	0.298	3.	3.	3.	3.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	46	5.4	5.576	8.	2.5	2.077	1.441	3.94	4.375	6.9	7.53

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	23	106.	101.304	133.	9.	638.767	25.274	75.4	95.	112.	131.
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	23	7.77	7.708	7.94	7.14	0.031	0.176	7.494	7.62	7.83	7.89
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	23	7.77	7.666	7.94	7.14	0.033	0.181	7.494	7.62	7.83	7.89
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	23	0.017	0.022	0.072	0.011	0.	0.013	0.013	0.015	0.024	0.032
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	23	29.	29.913	40.	21.	25.083	5.008	24.4	26.	33.	37.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	14	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	18	0.03	0.049	0.2	0.005	0.003	0.052	0.005	0.017	0.063	0.155
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	14	0.146	0.129	0.293	0.	0.007	0.082	0.	0.083	0.179	0.237
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	14	0.023	0.022	0.066	0.001	0.	0.018	0.001	0.007	0.03	0.055
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	15	0.001	0.003	0.025	0.001	0.	0.007	0.001	0.001	0.001	0.018
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	23	14.1	13.861	18.5	10.3	5.297	2.302	10.64	12.1	15.5	17.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	23	1.8	1.791	2.4	1.3	0.087	0.295	1.4	1.5	2.	2.26
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	23	4.03	4.053	4.74	3.3	0.121	0.348	3.536	3.85	4.24	4.526
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	23	0.26	0.27	0.33	0.21	0.001	0.032	0.228	0.25	0.29	0.316
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	18	3.	2.722	4.	2.	0.448	0.669	2.	2.	3.	4.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	18	4.9	4.944	10.1	2.9	2.434	1.56	3.53	4.05	5.425	6.86

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	8	113.5	106.125	128.	66.	558.125	23.625	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	13	7.48	7.435	7.76	7.07	0.046	0.214	7.122	7.275	7.625	7.74
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	13	7.48	7.387	7.76	7.07	0.048	0.22	7.122	7.275	7.625	7.74
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	13	0.033	0.041	0.085	0.017	0.	0.02	0.018	0.024	0.053	0.076
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	13	22.	27.308	62.	13.	185.231	13.61	13.4	18.	36.	53.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	13 ##	0.	0.002	0.02	0.	0.	0.006	0.	0.	0.	0.012
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	13	0.04	0.055	0.13	0.02	0.001	0.032	0.02	0.04	0.065	0.122
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	8	0.1	0.199	0.72	0.06	0.052	0.229	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	6 ##	0.005	0.007	0.02	0.	0.	0.008	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	13	13.2	12.7	15.5	8.2	5.435	2.331	8.64	10.85	14.45	15.38
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	13	1.9	1.738	2.2	1.2	0.111	0.333	1.2	1.45	2.	2.16
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	13	3.39	3.45	4.26	2.74	0.273	0.522	2.776	3.015	3.965	4.228
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	11	0.28	0.448	1.93	0.22	0.251	0.501	0.22	0.23	0.35	1.658
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	11	2.	2.091	3.	2.	0.091	0.302	2.	2.	2.	2.8
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	13	4.9	5.262	12.3	2.7	6.533	2.556	2.78	3.2	6.3	10.1

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Annual Analysis for 1992 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	13	106.	106.692	118.	89.	79.064	8.892	93.	100.	117.	117.6
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	13	7.56	7.512	7.8	7.1	0.032	0.18	7.188	7.42	7.63	7.76
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	13	7.56	7.475	7.8	7.1	0.034	0.184	7.188	7.42	7.63	7.76
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	13	0.028	0.034	0.079	0.016	0.	0.016	0.017	0.024	0.038	0.067
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	13	37.	37.385	61.	25.	68.59	8.282	27.8	33.	40.	53.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	12 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	12	0.06	0.07	0.18	0.	0.002	0.045	0.012	0.043	0.093	0.159
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	7	0.058	0.067	0.184	0.009	0.003	0.056	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	6	0.012	0.023	0.092	0.	0.001	0.034	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	9 ##	0.	0.01	0.09	0.	0.001	0.03	0.	0.	0.	0.09
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	13	16.8	15.977	20.4	10.5	8.912	2.985	10.98	14.	18.15	20.2

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Annual Analysis for 1992 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	13	2.	1.923	2.3	1.4	0.079	0.28	1.44	1.75	2.15	2.26
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	13	4.07	4.038	4.56	3.51	0.099	0.315	3.522	3.805	4.25	4.48
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	13	0.3	0.687	2.92	0.25	0.952	0.976	0.25	0.27	0.315	2.892
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	13	2.	2.231	5.	2.	0.692	0.832	2.	2.	2.	3.8
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	13	5.7	5.631	7.2	3.8	0.937	0.968	4.12	4.85	6.3	7.08

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Annual Analysis for 1993 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	13	107.	111.538	142.	95.	232.269	15.24	95.	101.5	118.	142.
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	13	7.27	7.226	7.73	6.49	0.177	0.421	6.574	6.86	7.645	7.706
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	13	7.27	7.038	7.73	6.49	0.215	0.464	6.574	6.86	7.645	7.706
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	13	0.054	0.092	0.324	0.019	0.008	0.091	0.02	0.023	0.139	0.274
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	13	38.	37.	46.	11.	76.667	8.756	20.2	34.	43.	44.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	8	0.025	0.026	0.06	0.	0.001	0.025	**	**	**	**
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	12	0.09	0.107	0.24	0.05	0.003	0.057	0.053	0.065	0.13	0.225
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	13	0.23	0.269	0.6	0.03	0.038	0.195	0.046	0.099	0.48	0.576
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	13	0.01	0.035	0.18	0.	0.003	0.057	0.	0.	0.05	0.16
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	11 ##	0.	0.021	0.18	0.	0.003	0.055	0.	0.	0.	0.154
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	13	16.9	17.346	21.1	14.7	3.316	1.821	15.02	16.15	19.05	20.42
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	13	2.1	2.231	2.8	1.9	0.091	0.301	1.9	2.	2.5	2.72
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	13	4.56	4.881	6.91	4.17	0.613	0.783	4.202	4.32	5.09	6.522
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	13	2.53	2.622	4.58	0.35	1.812	1.346	0.37	1.82	3.79	4.528
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	13	3.	3.	7.	2.	1.833	1.354	2.	2.	3.	5.8
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	13	5.7	6.2	8.4	4.9	1.533	1.238	4.98	5.2	7.4	8.32

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Annual Analysis for 1994 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	13	107.	108.077	119.	94.	54.91	7.41	95.2	105.5	115.	118.6
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	13	6.38	6.565	7.39	5.85	0.208	0.456	5.918	6.255	6.985	7.25
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	13	6.38	6.372	7.39	5.85	0.249	0.499	5.918	6.255	6.985	7.25
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	13	0.417	0.424	1.413	0.041	0.157	0.397	0.061	0.104	0.557	1.23
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	13	32.	34.385	46.	22.	81.09	9.005	22.4	27.	46.	46.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	12 ##	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.009
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	12	0.2	0.201	0.33	0.1	0.006	0.077	0.103	0.133	0.24	0.33
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	10	0.015	0.023	0.06	0.	0.	0.019	0.001	0.01	0.041	0.058
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	12 ##	0.	0.035	0.21	0.	0.004	0.064	0.	0.	0.065	0.174
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	13 ##	0.	0.008	0.06	0.	0.	0.019	0.	0.	0.	0.052
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	13	16.3	16.392	19.9	13.8	2.894	1.701	13.92	15.3	17.7	19.26
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	13	2.1	2.154	2.7	1.8	0.056	0.237	1.84	2.	2.3	2.58
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	13	5.63	6.078	9.69	4.44	2.076	1.441	4.564	5.1	7.095	8.838
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	13	1.87	2.85	6.09	0.	5.946	2.439	0.	0.775	5.805	6.046
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	13	3.	3.077	4.	2.	0.244	0.494	2.4	3.	3.	4.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	13	6.3	6.554	8.7	5.1	1.451	1.205	5.14	5.45	7.65	8.58

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Annual Analysis for 1995 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	13	96.	97.769	138.	63.	359.526	18.961	67.8	85.5	108.5	128.4
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	13	6.88	6.782	7.62	5.86	0.281	0.53	5.888	6.415	7.125	7.536
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	13	6.88	6.477	7.62	5.86	0.382	0.618	5.888	6.415	7.125	7.536
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	13	0.132	0.334	1.38	0.024	0.197	0.444	0.03	0.077	0.416	1.298
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	13	29.	26.615	38.	16.	55.423	7.445	16.	20.	33.	36.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	11 ##	0.	0.004	0.03	0.	0.	0.009	0.	0.	0.002	0.026
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	13	0.14	0.152	0.46	0.03	0.012	0.11	0.046	0.075	0.175	0.376
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	13	0.045	0.061	0.16	0.003	0.003	0.05	0.006	0.015	0.105	0.148
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	13 ##	0.	0.008	0.06	0.	0.	0.021	0.	0.	0.	0.056
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	13 ##	0.	0.005	0.05	0.	0.	0.014	0.	0.	0.	0.034
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	13	13.2	12.592	19.2	5.9	12.567	3.545	6.82	10.2	14.6	18.24
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	13	1.8	1.777	2.6	1.	0.169	0.411	1.12	1.5	2.	2.44
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	13	4.94	4.742	5.79	3.27	0.722	0.85	3.306	4.025	5.43	5.77
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	13	3.25	3.569	6.39	1.39	4.096	2.024	1.39	1.54	5.835	6.354
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	13	4.	4.462	8.	3.	3.436	1.854	3.	3.	5.5	8.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	13	5.9	5.677	9.8	2.8	3.727	1.931	2.96	4.25	7.15	8.76

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Annual Analysis for 1996 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	12	102.5	106.	138.	75.	380.182	19.498	78.	93.75	122.75	137.4
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	12	7.425	7.165	7.56	5.52	0.349	0.59	5.844	7.018	7.503	7.557
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	12	7.425	6.508	7.56	5.52	0.82	0.905	5.844	7.018	7.503	7.557
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	12	0.038	0.31	3.02	0.028	0.732	0.856	0.028	0.031	0.098	2.189
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	12	30.	28.083	48.	7.	101.72	10.086	10.3	21.75	33.	43.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	12 ##	0.001	0.011	0.05	0.	0.	0.019	0.	0.	0.018	0.05
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	12	0.08	0.11	0.47	0.02	0.014	0.118	0.02	0.07	0.115	0.368
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	10	0.036	0.066	0.222	0.002	0.005	0.071	0.003	0.018	0.097	0.215
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	9 ##	0.	0.026	0.23	0.	0.006	0.077	0.	0.	0.	0.23
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	12 ##	0.	0.008	0.05	0.	0.	0.016	0.	0.	0.005	0.044
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	12	14.4	14.808	20.9	8.	15.93	3.991	8.36	12.35	18.9	20.51
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	12	1.95	1.975	2.7	1.2	0.191	0.437	1.26	1.75	2.375	2.64
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	12	3.995	4.019	5.24	3.19	0.276	0.525	3.256	3.663	4.293	4.988
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	11	1.25	1.982	4.74	0.	2.349	1.533	0.16	1.09	3.43	4.656
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	12	2.	2.833	6.	2.	2.333	1.528	2.	2.	3.	6.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	12	5.65	5.833	9.8	3.3	3.377	1.838	3.39	4.7	7.025	9.23

** - 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

Annual Analysis for 1997 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	13	98.	92.154	128.	20.	610.808	24.715	45.2	86.	104.	119.6
00406p	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	13	7.08	6.98	7.69	4.53	0.606	0.779	5.466	6.93	7.405	7.602
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	13	7.08	5.631	7.69	4.53	2.578	1.606	5.466	6.93	7.405	7.602
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	13	0.083	2.34	29.512	0.02	66.654	8.164	0.026	0.04	0.118	17.761
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	12	24.5	21.75	30.	6.	63.659	7.979	7.2	14.25	27.75	29.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	13 ##	0.001	0.014	0.092	0.	0.001	0.029	0.	0.	0.005	0.081
00618p	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	13	0.07	0.065	0.09	0.01	0.001	0.023	0.022	0.055	0.085	0.09
00623p	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	10	0.093	0.14	0.619	0.005	0.032	0.18	0.005	0.046	0.158	0.58
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	12 ##	0.	0.828	9.93	0.	8.217	2.867	0.	0.	0.	6.951
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	12 ##	0.	0.002	0.014	0.	0.	0.005	0.	0.	0.004	0.012
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	13	15.1	14.585	17.3	10.8	4.	2.	11.24	13.3	16.3	17.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

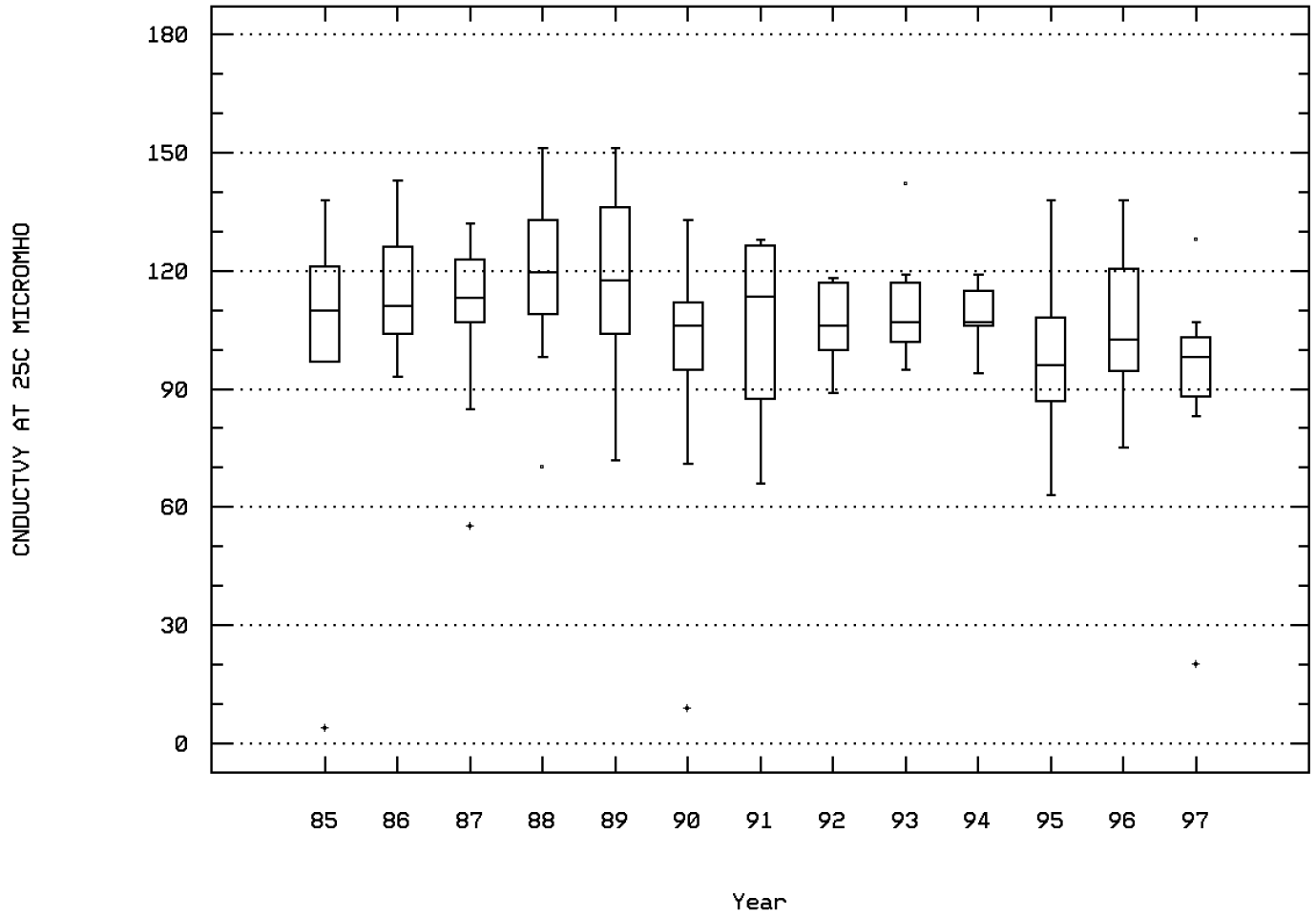
Annual Analysis for 1997 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	13	1.9	1.885	2.2	1.6	0.041	0.203	1.6	1.7	2.1	2.16
00930p	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	13	3.72	3.71	4.23	2.82	0.128	0.358	3.048	3.57	3.95	4.186
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	11	2.14	2.279	3.32	0.	1.055	1.027	0.29	1.68	3.2	3.318
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	13	2.	2.308	3.	2.	0.231	0.48	2.	2.	3.	3.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	13	4.4	4.315	5.5	3.4	0.453	0.673	3.4	3.75	4.85	5.38

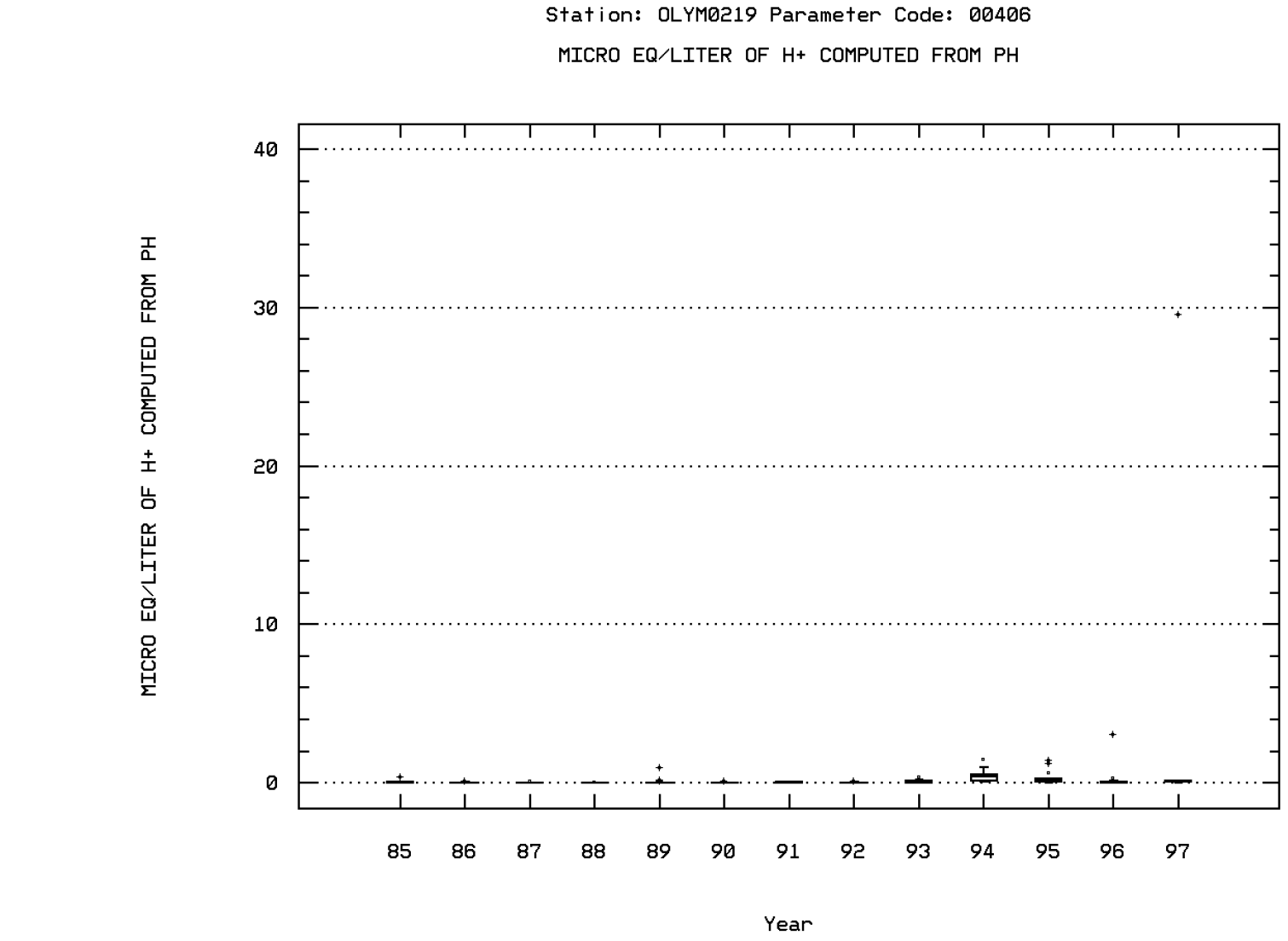
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: OLYM0219 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



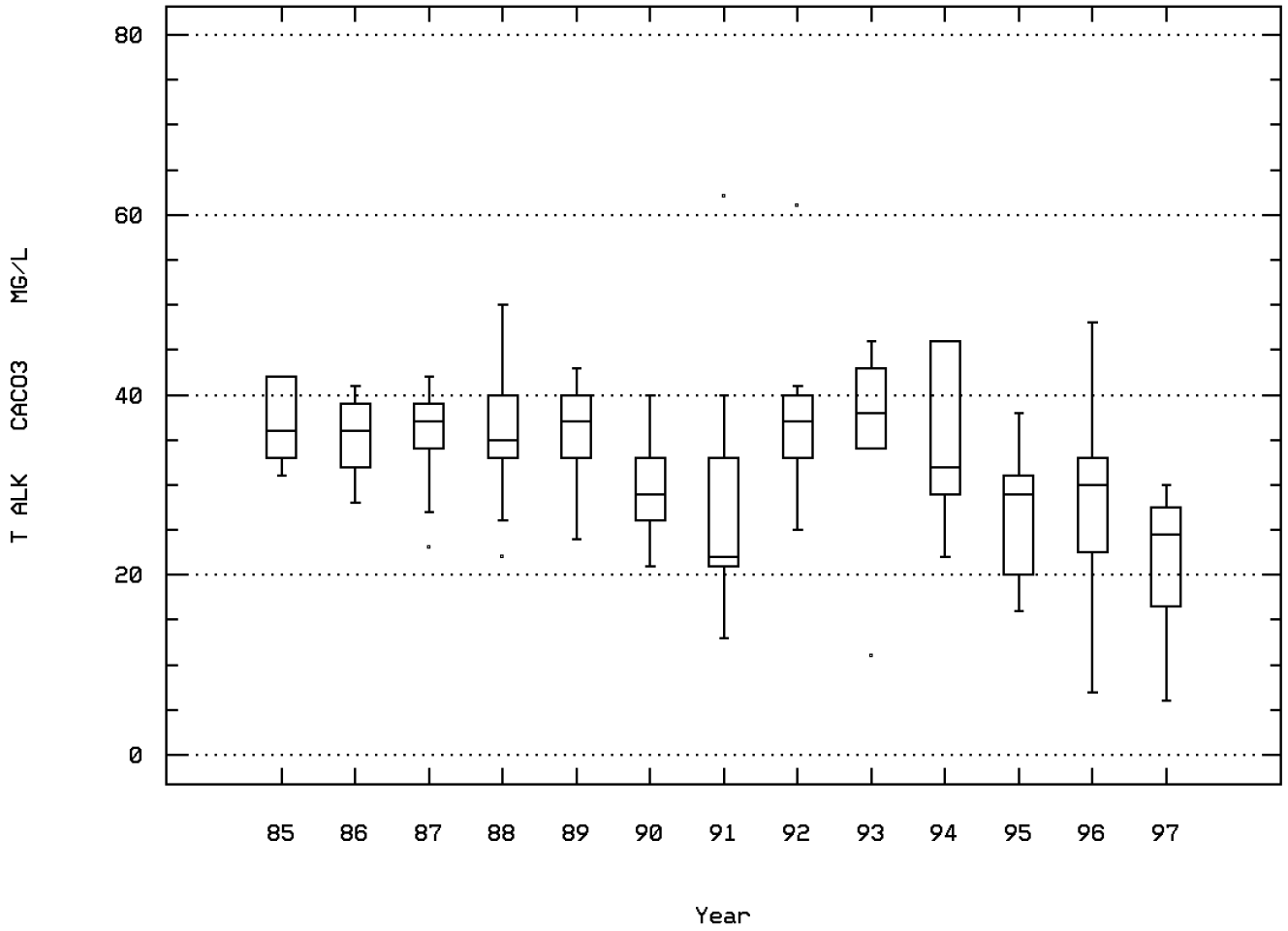
WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00410

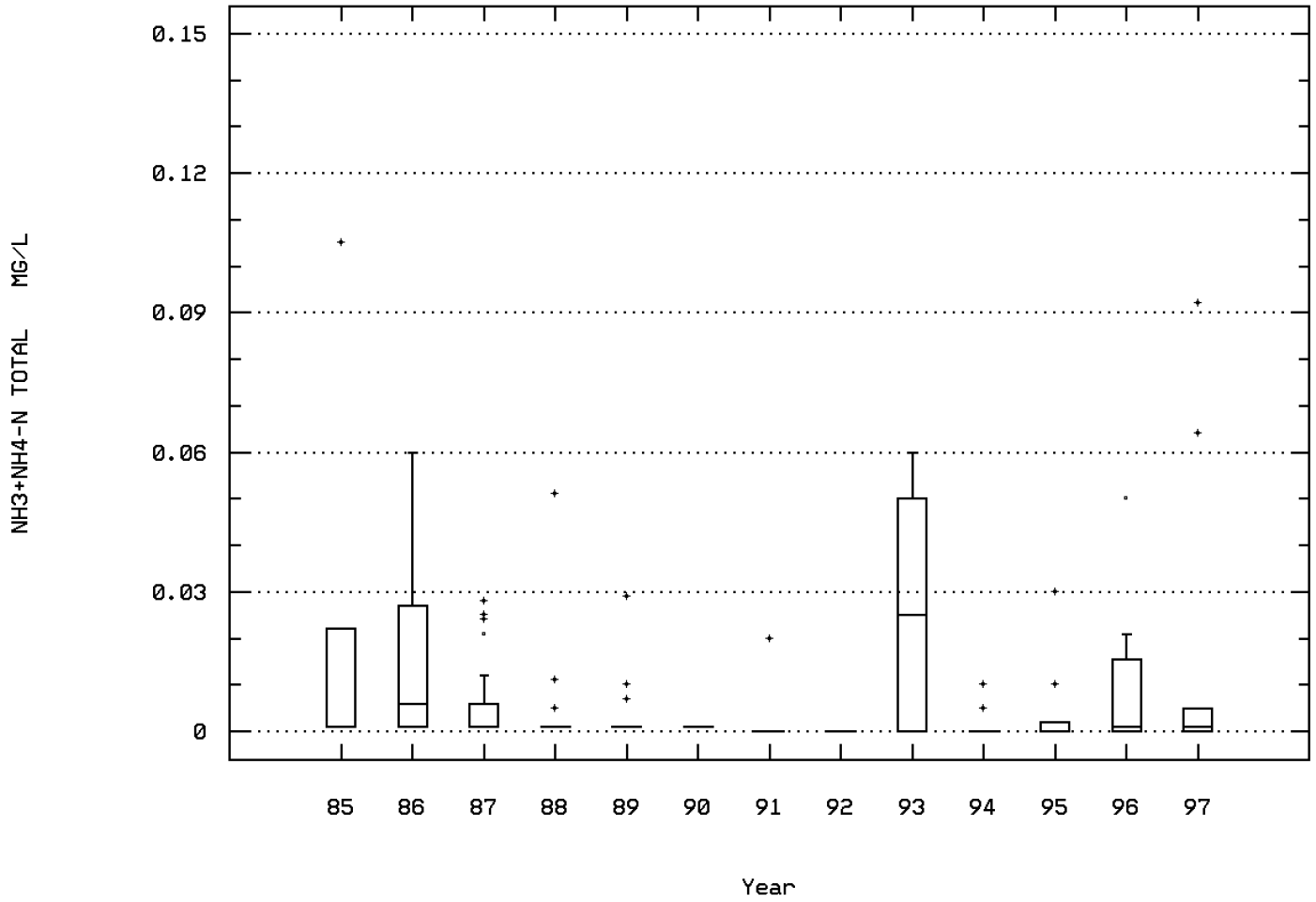
ALKALINITY, TOTAL (MG/L AS CACO3)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00610

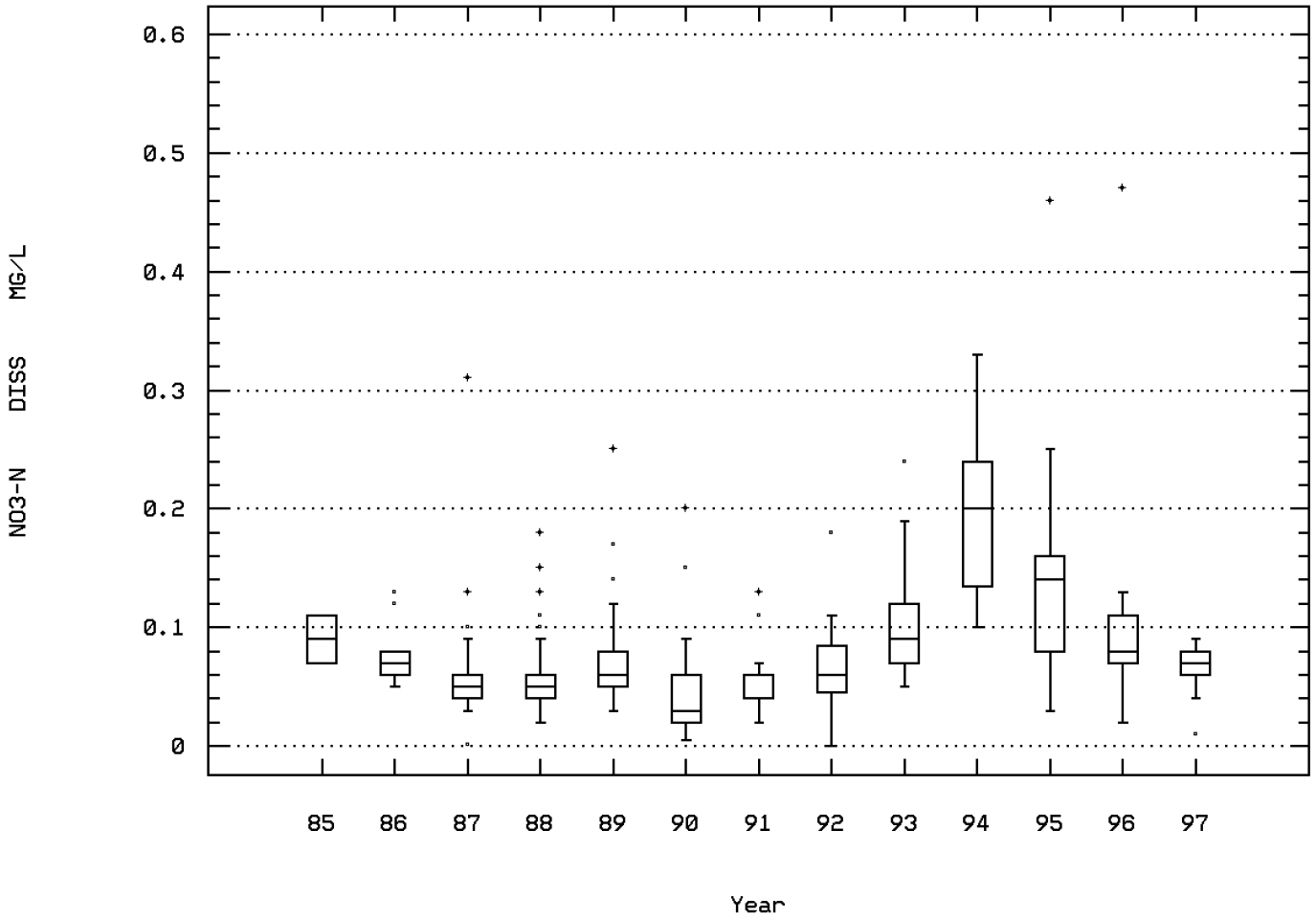
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00618

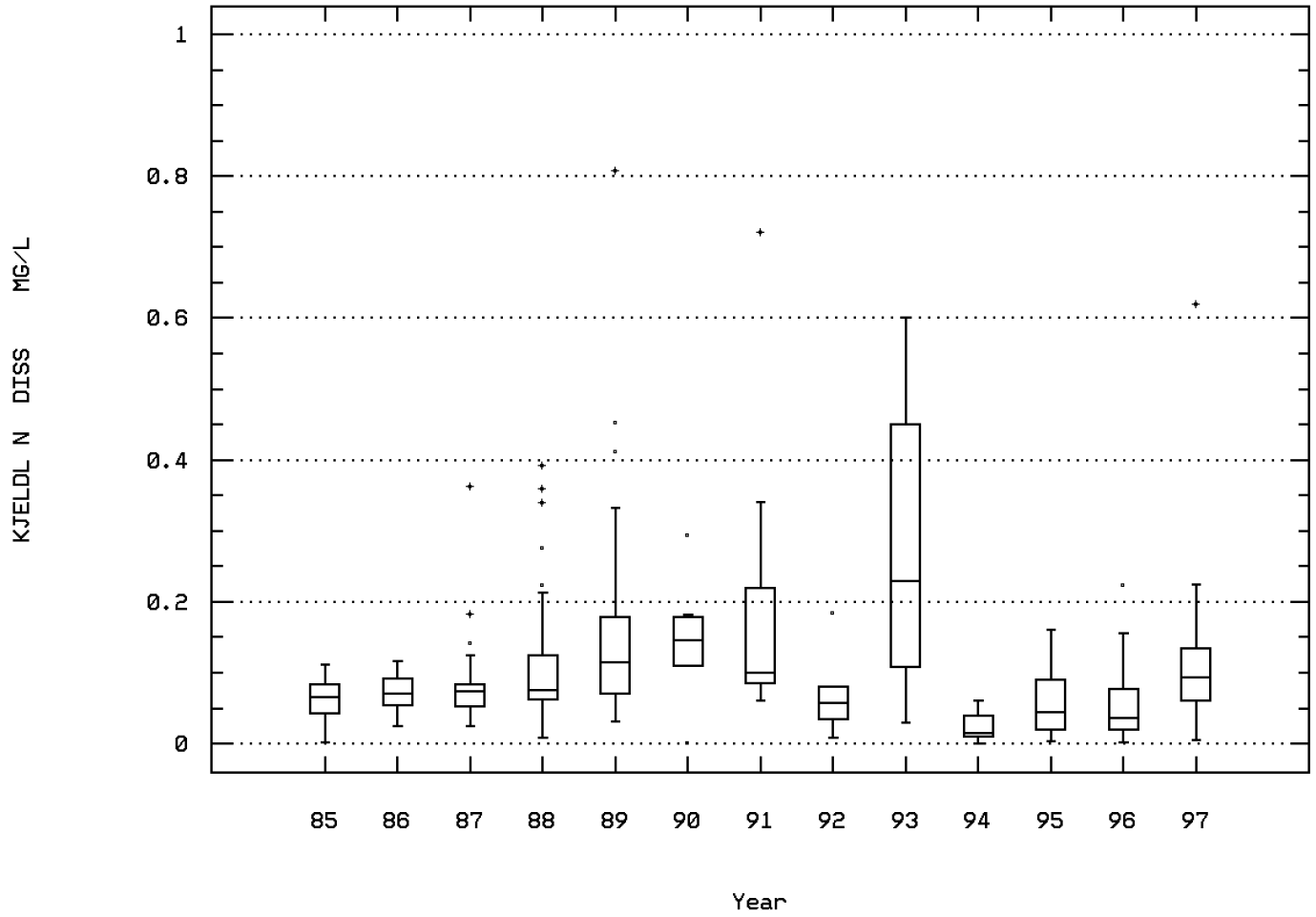
NITRATE NITROGEN, DISSOLVED (MG/L AS N)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00623

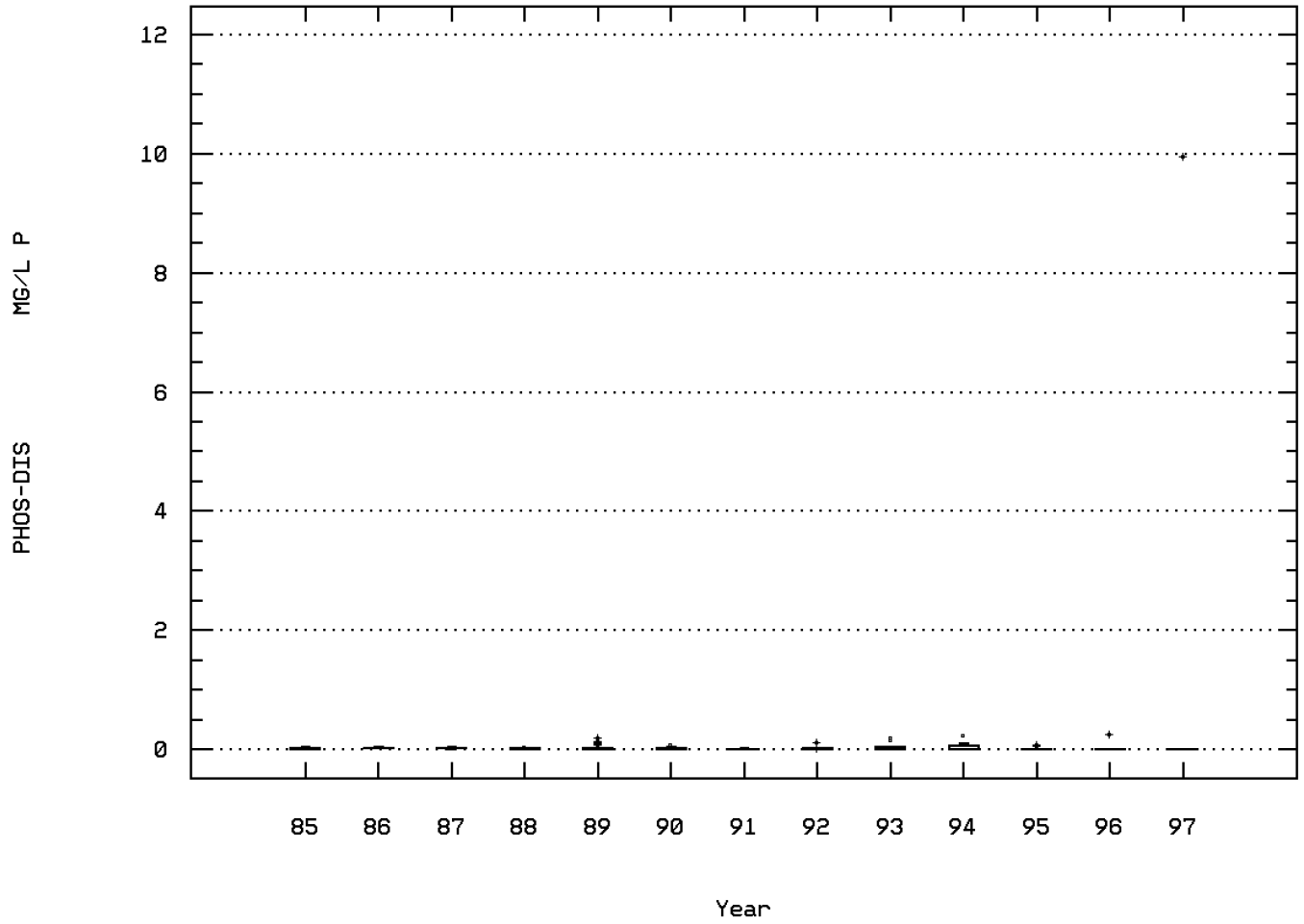
NITROGEN, KJELDAHL, DISSOLVED (MG/L AS



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00666

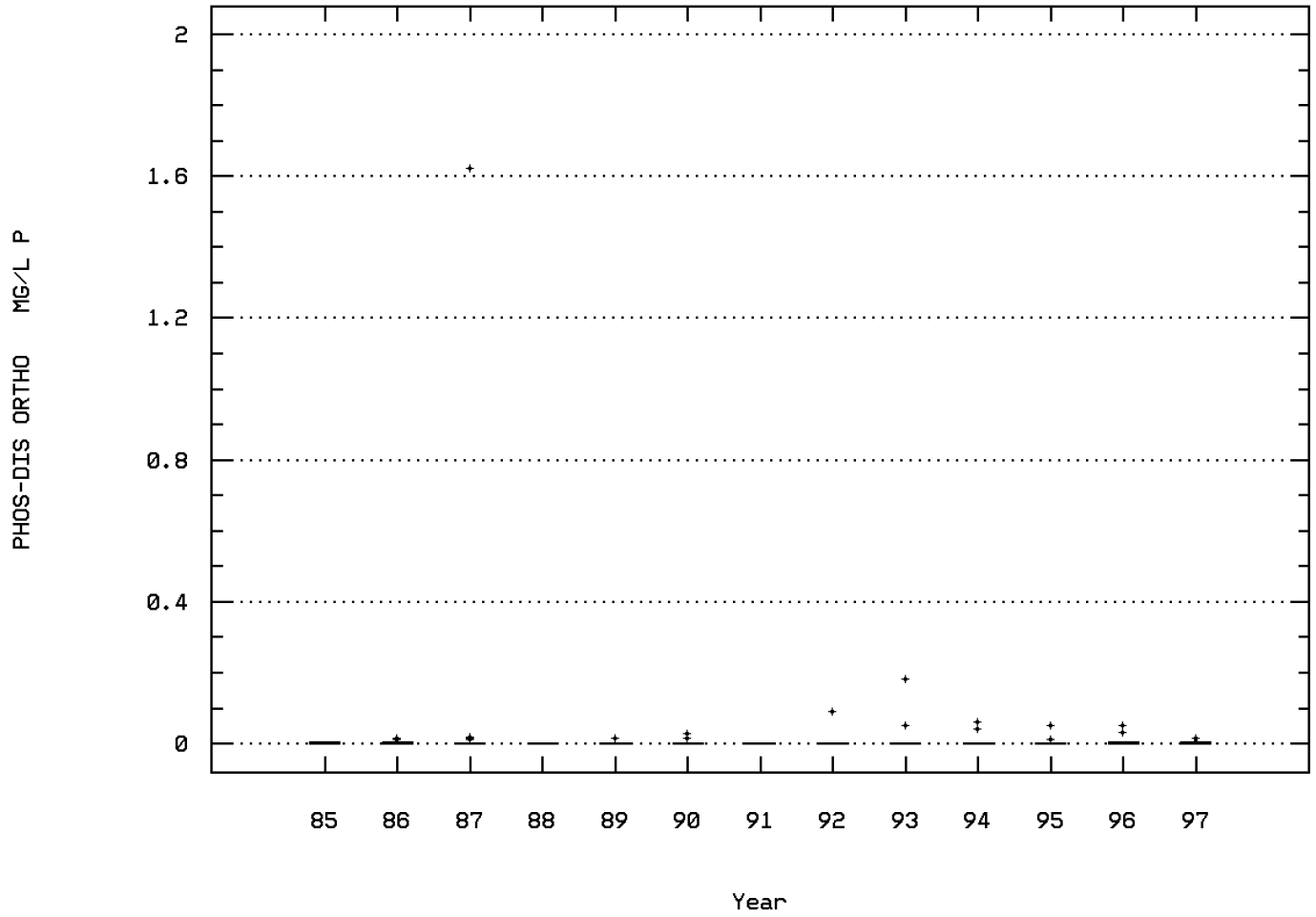
PHOSPHORUS, DISSOLVED (MG/L AS P)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00671

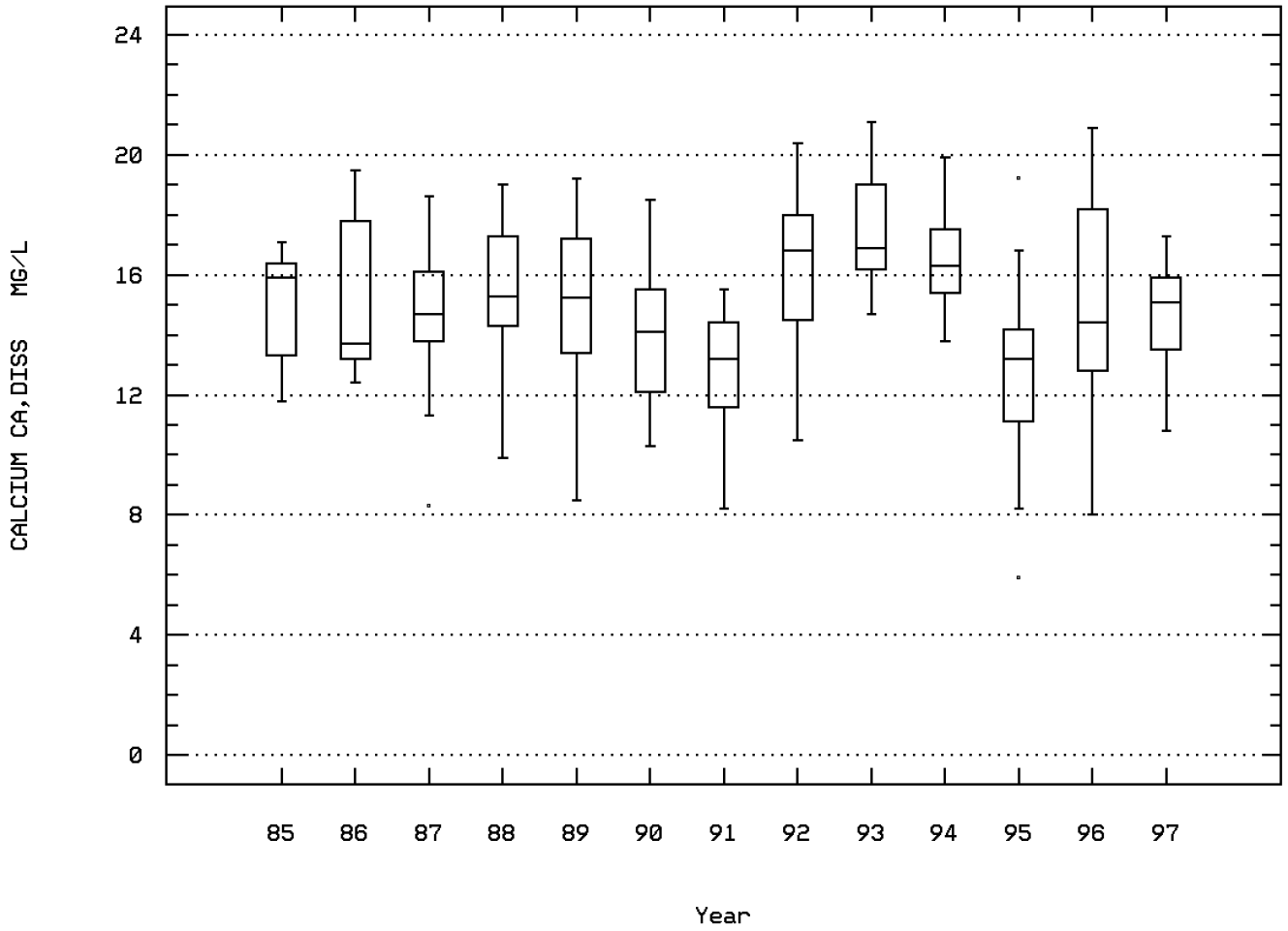
PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00915

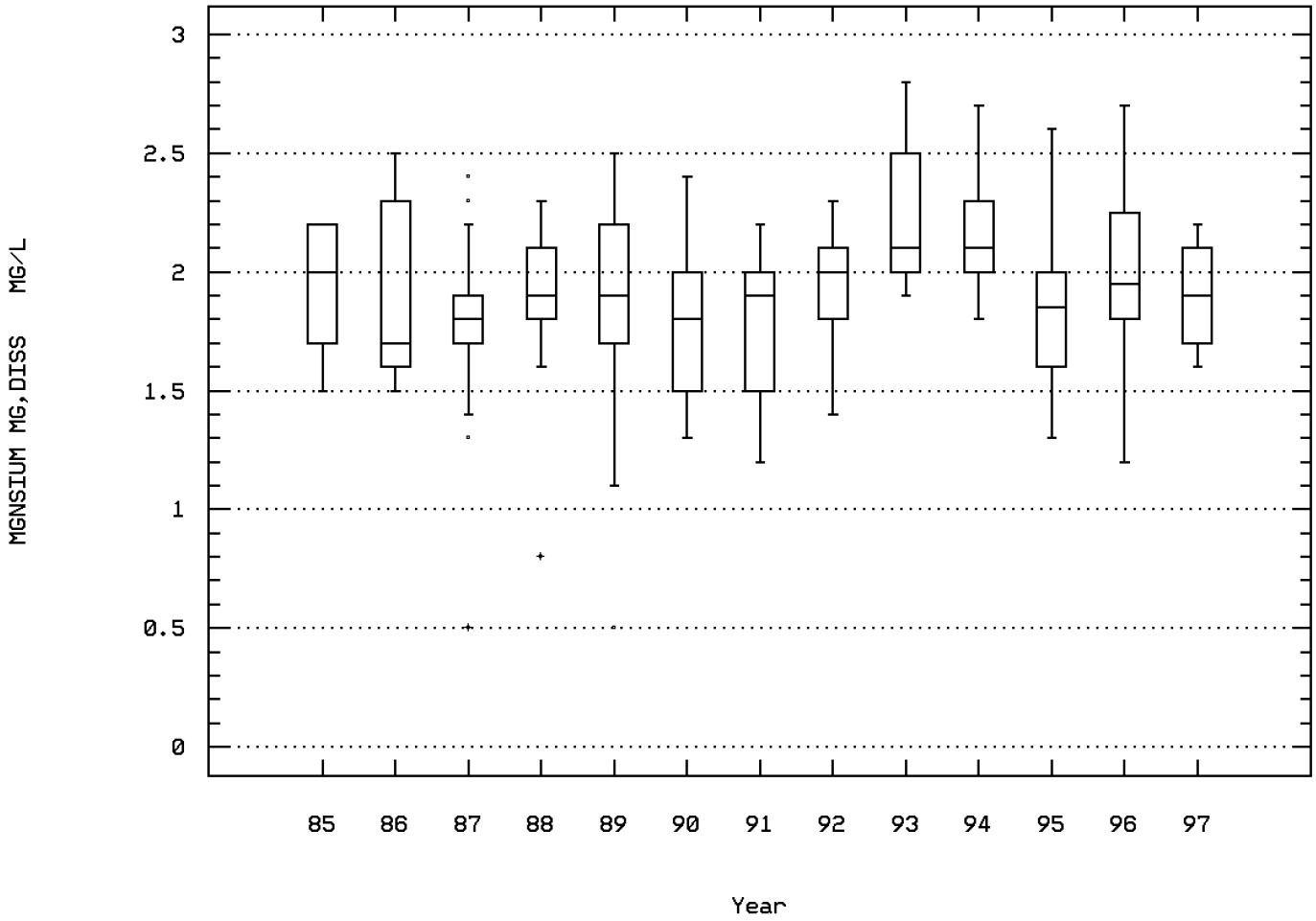
CALCIUM, DISSOLVED (MG/L AS CA)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00925

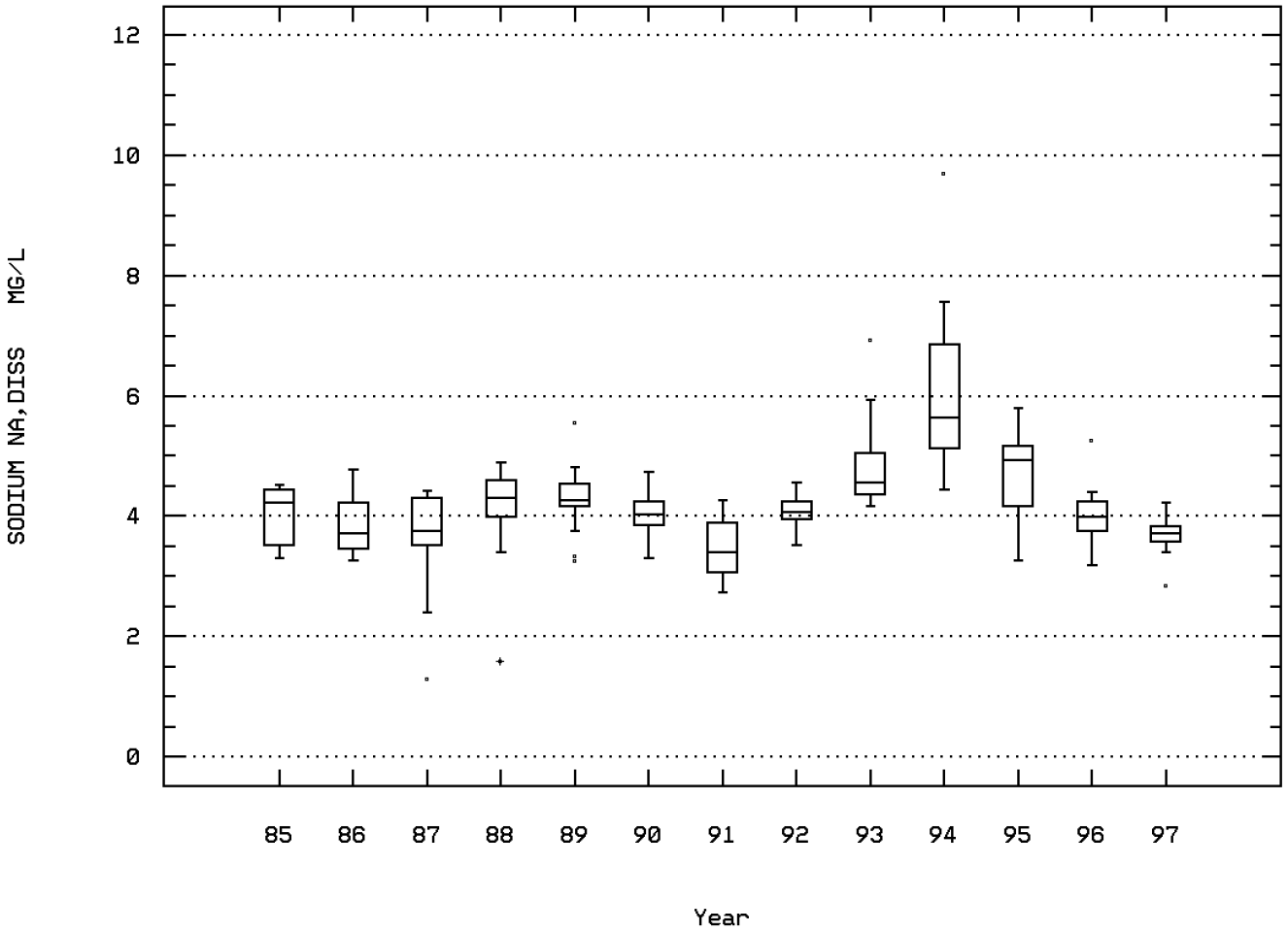
MAGNESIUM, DISSOLVED (MG/L AS MG)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00930

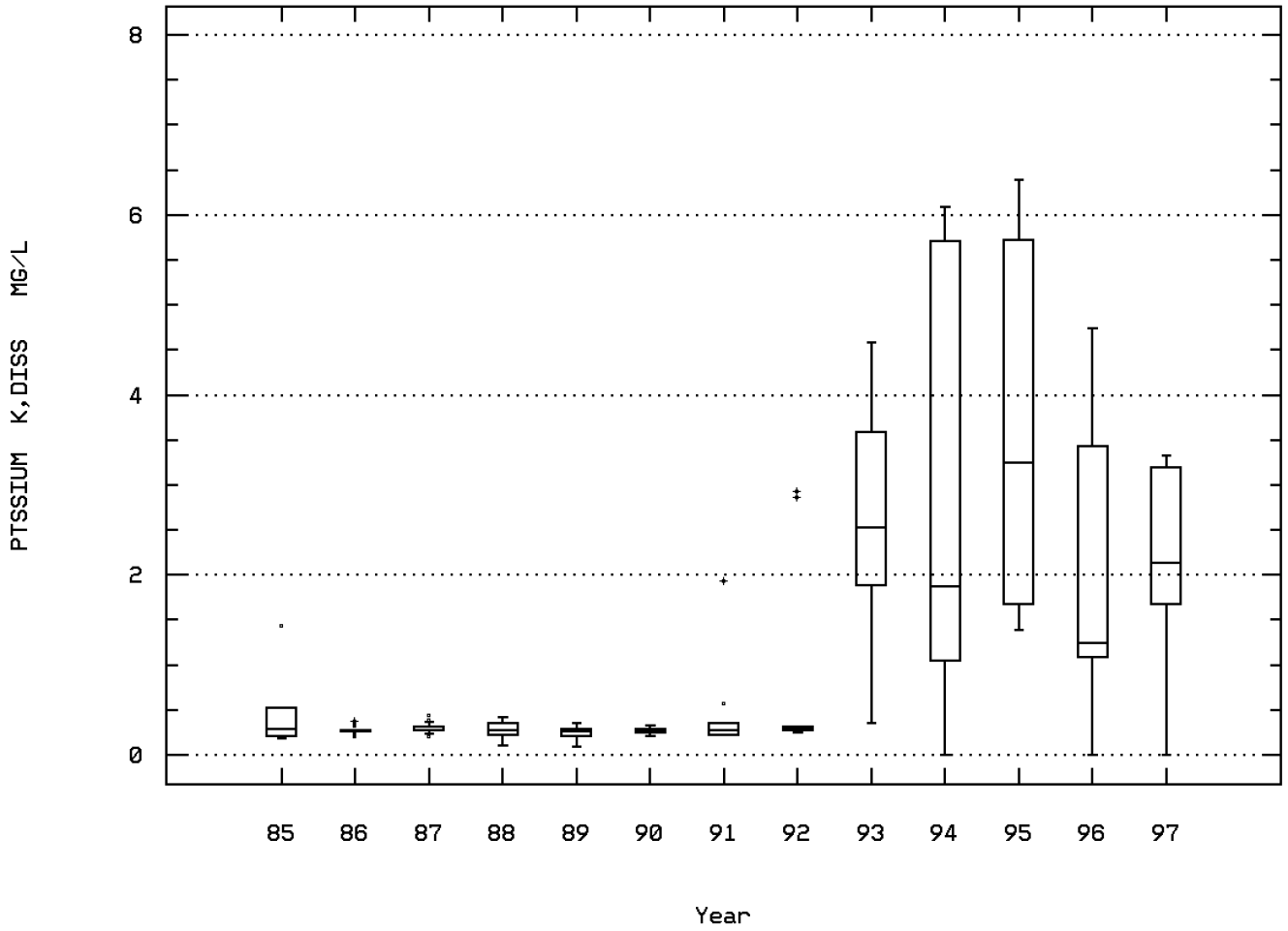
SODIUM, DISSOLVED (MG/L AS NA)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00935

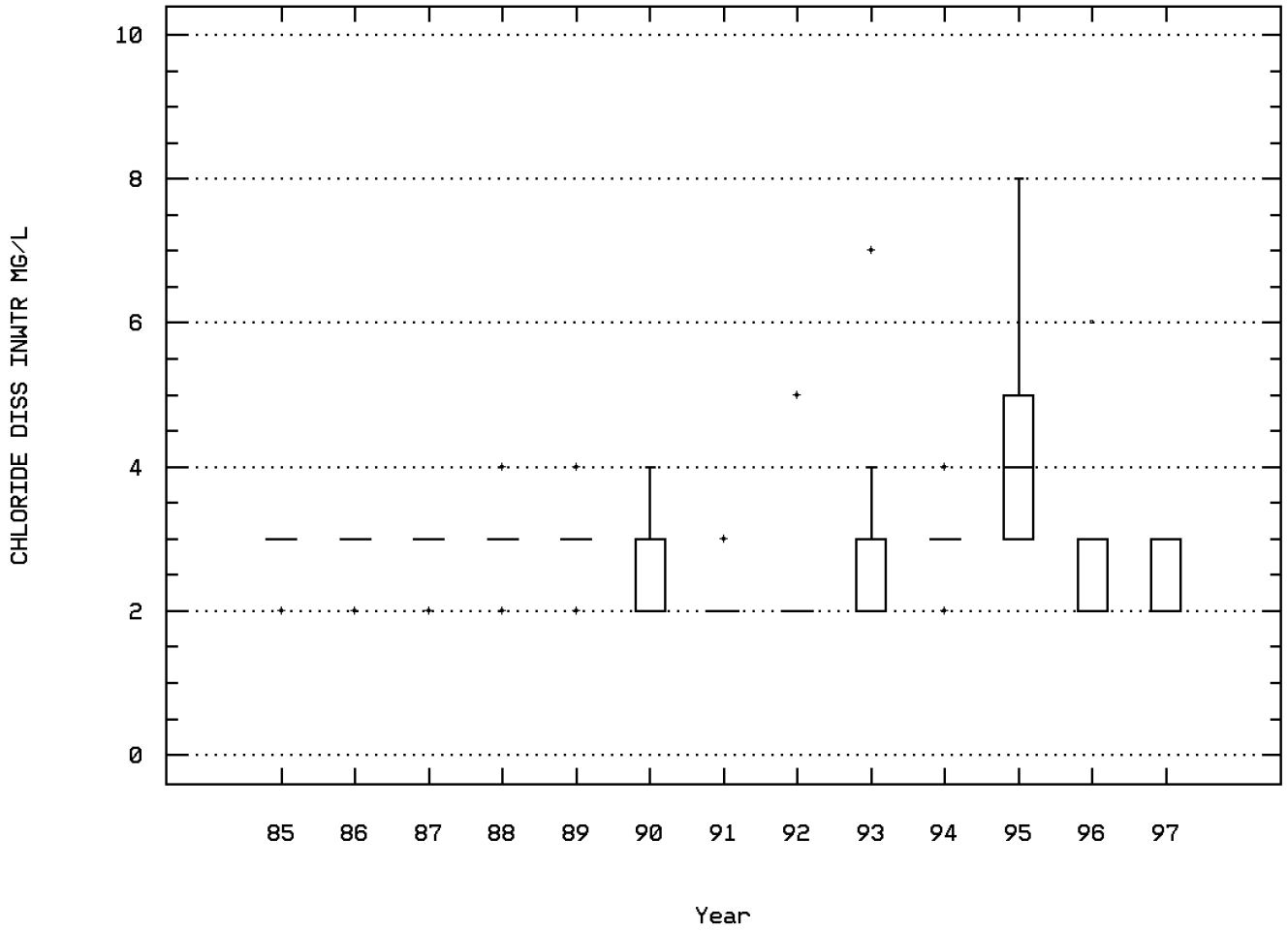
POTASSIUM, DISSOLVED (MG/L AS K)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00941

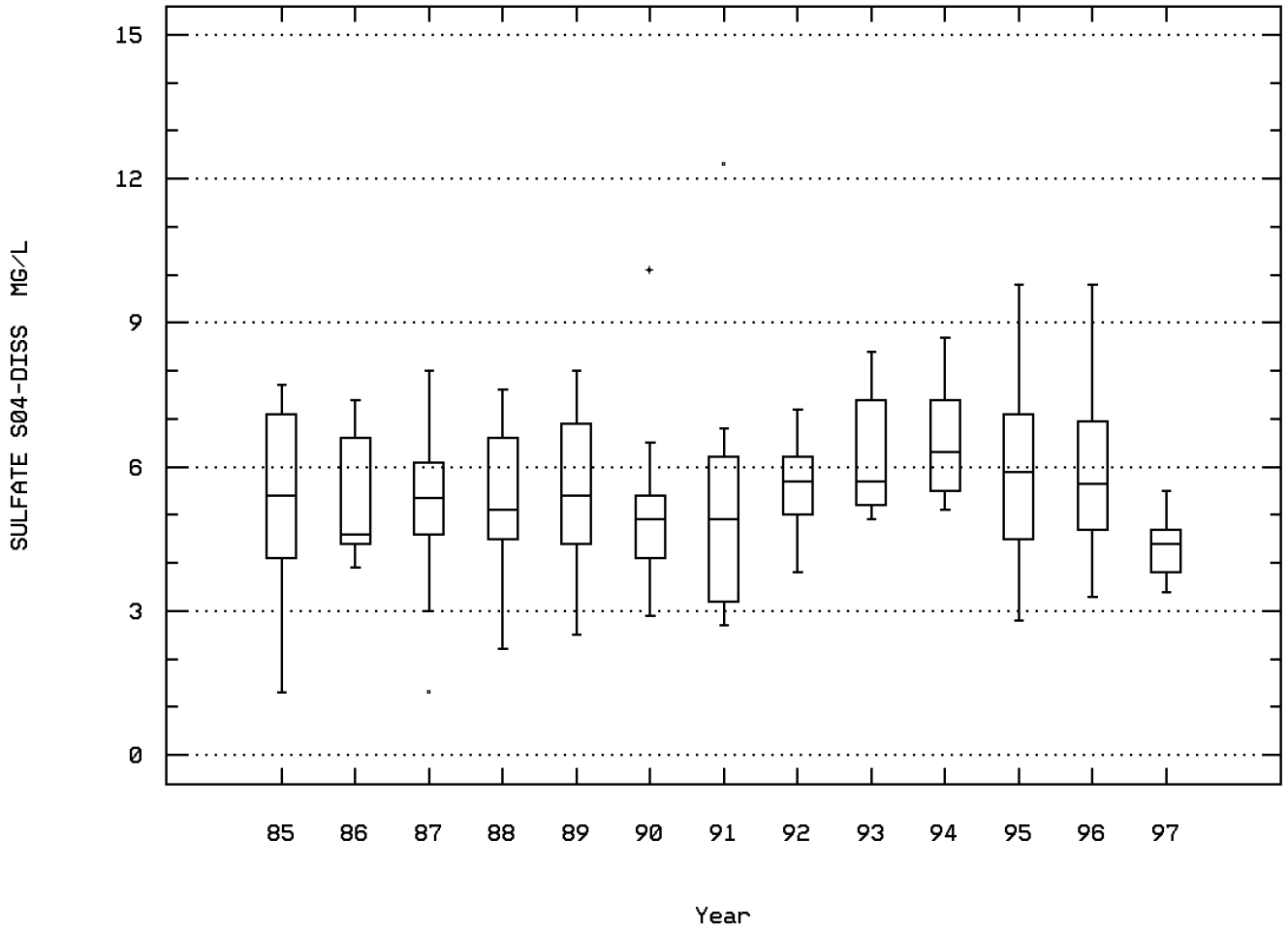
CHLORIDE, DISSOLVED IN WATER



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Station: OLYM0219 Parameter Code: 00946

SULFATE, DISSOLVED (MG/L AS SO4)



WEIR ON W. TWIN CR. NEAR CONFLUENCE W/T

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	42	111.	113.119	151.	20.	598.351	24.461	85.5	101.75	136.	142.7
00406	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	42	7.515	7.458	7.93	6.8	0.091	0.302	6.995	7.215	7.685	7.79
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	42	7.515	7.347	7.93	6.8	0.104	0.322	6.995	7.215	7.685	7.79
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	42	0.031	0.045	0.158	0.012	0.001	0.036	0.016	0.021	0.061	0.101
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	42	33.5	33.952	62.	16.	69.851	8.358	24.3	29.	39.25	42.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	36	0.001	0.011	0.105	0.	0.001	0.024	0.	0.001	0.005	0.053
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	42	0.105	0.125	0.46	0.04	0.006	0.08	0.06	0.07	0.143	0.231
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	37	0.063	0.085	0.54	0.003	0.008	0.091	0.023	0.037	0.104	0.177
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	38	0.01	0.019	0.23	0.	0.002	0.039	0.	0.001	0.023	0.039
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	41	0.001	0.044	1.62	0.	0.064	0.253	0.	0.001	0.001	0.012
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	43	15.7	15.721	21.1	9.3	8.303	2.881	11.8	13.9	18.3	19.32
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	43	1.9	1.995	2.8	1.2	0.143	0.379	1.5	1.7	2.3	2.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	43	4.32	4.265	5.94	2.83	0.432	0.657	3.434	3.81	4.65	5.054
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	43	0.31	0.933	6.09	0.	2.31	1.52	0.21	0.26	0.39	3.394
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	43	3.	2.953	8.	2.	1.141	1.068	2.	2.	3.	4.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	43	6.1	6.177	10.1	3.2	2.485	1.576	4.34	4.8	7.6	8.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	73	101.	98.521	128.	9.	270.17	16.437	82.4	93.	107.	115.6
00406	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	75	7.59	7.48	8.78	5.93	0.184	0.429	6.952	7.39	7.71	7.764
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	75	7.59	7.133	8.78	5.93	0.306	0.553	6.952	7.39	7.71	7.764
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	75	0.026	0.074	1.175	0.002	0.033	0.181	0.017	0.019	0.041	0.112
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	75	31.	29.853	50.	10.	38.073	6.17	21.	27.	34.	35.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	73	0.001	0.004	0.051	0.	0.	0.01	0.	0.	0.001	0.008
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	74	0.06	0.072	0.33	0.005	0.002	0.048	0.03	0.05	0.08	0.125
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	67	0.075	0.108	0.807	0.005	0.012	0.111	0.029	0.047	0.15	0.206
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	67	0.011	0.169	9.93	0.	1.467	1.211	0.	0.001	0.025	0.061
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	69	0.001	0.005	0.18	0.	0.001	0.023	0.	0.	0.001	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	75	13.4	12.995	17.5	5.9	4.462	2.112	10.28	11.7	14.5	15.16
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	75	1.7	1.659	2.3	0.8	0.062	0.25	1.36	1.5	1.8	1.94
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	75	3.88	4.04	9.69	1.57	1.206	1.098	3.238	3.49	4.21	4.946
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	74	0.26	1.129	6.39	0.09	2.843	1.686	0.2	0.22	1.413	4.155
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	74	3.	2.851	6.	1.	0.676	0.822	2.	2.	3.	3.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	74	4.3	4.354	6.6	2.2	0.882	0.939	2.95	3.775	5.025	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

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	94	111.	111.085	137.	55.	170.939	13.074	96.	105.	121.	127.5
00406	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	98	7.615	7.421	8.46	4.53	0.328	0.573	6.599	7.405	7.713	7.821
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	98	7.615	6.385	8.46	4.53	1.412	1.188	6.599	7.405	7.713	7.821
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	98	0.024	0.412	29.512	0.003	8.944	2.991	0.015	0.019	0.039	0.252
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	96	36.	33.646	61.	6.	69.726	8.35	23.	30.	38.75	40.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	93	0.001	0.005	0.092	0.	0.	0.013	0.	0.001	0.001	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	95	0.05	0.063	0.47	0.001	0.004	0.06	0.02	0.04	0.06	0.104
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	86	0.082	0.12	0.619	0.	0.013	0.115	0.01	0.057	0.142	0.298
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	82	0.012	0.018	0.13	0.	0.	0.022	0.	0.007	0.021	0.044
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	89	0.001	0.004	0.06	0.	0.	0.01	0.	0.	0.001	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	98	15.1	14.883	19.9	8.3	3.601	1.898	12.47	13.7	16.15	17.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	98	1.9	1.89	2.4	0.5	0.079	0.28	1.7	1.8	2.025	2.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	97	4.17	4.134	7.33	1.28	0.506	0.711	3.456	3.715	4.37	4.784
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	94	0.29	0.642	5.95	0.	0.827	0.909	0.21	0.25	0.373	1.875
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	95	3.	2.853	7.	1.	0.595	0.771	2.	3.	3.	3.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	97	5.4	5.33	12.3	1.3	2.043	1.429	3.88	4.65	6.1	6.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/08/85-12/17/97	48	130.5	127.313	151.	4.	453.326	21.291	114.4	119.5	138.	144.1
00406	PH, FIELD, STANDARD UNITS SU	06/08/85-12/17/97	48	7.59	7.452	7.95	5.86	0.191	0.437	6.844	7.41	7.708	7.854
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/85-12/17/97	48	7.59	7.08	7.95	5.86	0.332	0.576	6.844	7.41	7.708	7.854
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/85-12/17/97	48	0.026	0.083	1.38	0.011	0.045	0.212	0.014	0.02	0.039	0.144
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/08/85-12/17/97	48	39.	38.167	46.	21.	24.908	4.991	31.7	38.	41.	42.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/08/85-12/17/97	44	0.001	0.006	0.05	0.	0.	0.012	0.	0.001	0.004	0.029
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	45	0.08	0.085	0.25	0.	0.003	0.053	0.04	0.055	0.09	0.174
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/85-12/17/97	39	0.089	0.143	0.72	0.001	0.025	0.16	0.03	0.062	0.119	0.411
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/08/85-12/17/97	40	0.011	0.015	0.21	0.	0.001	0.033	0.	0.001	0.017	0.024
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/08/85-11/20/97	45	0.001	0.002	0.04	0.	0.	0.006	0.	0.	0.001	0.001
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/85-12/17/97	48	17.95	17.731	20.4	14.2	1.759	1.326	15.86	17.1	18.5	19.41
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/85-12/17/97	48	2.3	2.258	2.6	1.7	0.027	0.164	2.09	2.2	2.3	2.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/85-12/17/97	48	4.46	4.508	5.55	3.73	0.119	0.345	4.116	4.25	4.765	5.013
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/85-12/17/97	48	0.32	0.912	5.98	0.26	1.781	1.335	0.27	0.28	0.495	3.273
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/85-12/17/97	45	3.	2.889	8.	1.	0.919	0.959	2.	2.5	3.	3.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/85-12/17/97	45	6.9	6.713	9.8	3.2	1.173	1.083	5.38	6.35	7.2	7.72

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: OLYM0220

NPS Station ID: OLYM0220 | LAT/LON: 48.200004/-124.000005 | Agency: UNIVWASH | Date Created: / /
Location: PILLAR POINT, E OF | FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): JDF175
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17110021 | Depth of Water: 196 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: PUGET SOUND - STRAIT OF JUAN DE FUCA | ECO Region:
RF1 Index: 17110021 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/10/68-06/10/68	10	73.	83.1	196.	0.	4128.989	64.257	1.6	28.	139.	192.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/68-06/10/68	10	8.9	8.83	9.7	7.5	0.485	0.696	7.55	8.375	9.45	9.69
00300	OXYGEN, DISSOLVED MG/L	06/10/68-06/10/68	10	7.	7.13	9.	4.9	1.769	1.33	4.98	6.225	8.425	8.98
00480	SALINITY - PARTS PER THOUSAND	06/10/68-06/10/68	10	31.75	31.77	33.1	30.8	0.578	0.76	30.81	31.05	32.325	33.06
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/10/68-06/10/68	10	0.27	0.26	0.34	0.17	0.003	0.058	0.172	0.213	0.32	0.338
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/10/68-06/10/68	10	0.008	0.008	0.009	0.006	0.	0.001	0.006	0.007	0.009	0.009
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/10/68-06/10/68	10	1.	1.03	1.3	0.8	0.042	0.206	0.8	0.8	1.225	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0220

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	10	0	0.00							10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0221

NPS Station ID: OLYM0221 LAT/LON: 47.815560/-124.030560 Agency: 112WRD Date Created: 12/11/78
Location: HOH RIVER AT MILE 30.0 NEAR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12040910
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 30.040 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/78-09/19/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/78-09/19/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/78-09/19/78	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/78-09/19/78	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/19/78-09/19/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/19/78-09/19/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/78-09/19/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/78-09/19/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/78-09/19/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/78-09/19/78	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/78-09/19/78	1	52.	52.	52.	52.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/78-09/19/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0222

NPS Station ID: OLYM0222 LAT/LON: 47.810281/-124.059170 Agency: 112WRD Date Created: 03/16/79
Location: HOH RIVER AT MILE 28.4 NEAR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12040930
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 28.220 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0222

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0223

NPS Station ID: OLYM0223 LAT/LON: 47.812226/-124.070004 Agency: 112WRD Date Created: 03/16/79
Location: CANYON CREEK AT MOUTH NEAR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12040940
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 27.770 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0224

NPS Station ID: OLYM0224 | LAT/LON: 47.804726/-124.077504 | Agency: 112WRD | Date Created: 03/16/79
Location: OWL CREEK AT MOUTH NR FORKS, WASH. | FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 12040960
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17100101002 | RF1 Mile Point: 27.140 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0224

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0225

NPS Station ID: OLYM0225 LAT/LON: 47.805281/-124.080003 Agency: 112WRD Date Created: 03/16/79
Location: SPRUCE CREEK AT MOUTH NR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12040965
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 27.040 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0225

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0226

NPS Station ID: OLYM0226 LAT/LON: 47.803892/-124.088059 Agency: 112WRD Date Created: 03/16/79
Location: MAPLE CREEK AT MOUTH NR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12040985
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 26.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0227

NPS Station ID: OLYM0227 LAT/LON: 47.805838/-124.090281 Agency: 112WRD Date Created: 03/16/79
Location: DISMAL CREEK AT MOUTH NR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12040990
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 26.490 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0227

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0228

NPS Station ID: OLYM0228 | LAT/LON: 48.066670/-124.097227 | Agency: 21540000 | Date Created: / /
Location: SOLEDUCK RIVER NEAR FAIRHOLM | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 20A130 /0920A130 /12042000 /541078
RMI-Indexes: 1312040 | Within Park Boundary: No
RMI-Miles: 0046.00
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: COASTAL (SOLEDUCK HOH-20) | ECO Region:
RF1 Index: 17100101028 | RF1 Mile Point: 8.720 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
LOCATED AT THE BRIDGE ON U S HIGHWAY 101, ONE MILE EAST OF SNIDER RANGER STATION (1.3 MILES UPSTREAM), 8.8 MILES WEST OF FAIRHOLM
SOUTHWEST REGION 15 QUAD- PYSHT
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 750

Parameter Inventory for Station: OLYM0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	04/04/61-04/04/61	1	12.7	12.7	12.7	12.7	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/14/64-06/02/65	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0229

NPS Station ID: OLYM0229
LAT/LON: 48.066670/-124.097227
Agency: 112WRD
Date Created: / /
Location: SOLEDUCK R NEAR BEAVER, WASH.
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12042000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101028
RF1 Mile Point: 8.720
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/60-06/09/70	30	8.	9.333	18.8	3.4	21.015	4.584	3.9	6.	12.4	16.68
00060	FLOW, STREAM, MEAN DAILY CFS	07/18/60-06/15/64	23	447.	830.826	5080.	83.	1277352.605	1130.2	140.	171.	855.	2488.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/01/61-06/02/65	10	0.	3.5	35.	0.	122.5	11.068	0.	0.	0.	31.5
00080	COLOR (PLATINUM-COBALT UNITS)	07/18/60-06/09/70	33	5.	4.394	15.	0.	10.559	3.249	0.	2.5	5.	8.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/60-06/09/70	33	73.	73.788	102.	38.	194.047	13.93	57.2	66.5	82.	92.8
00300	OXYGEN, DISSOLVED MG/L	07/18/60-08/02/66	25	11.4	11.268	13.7	9.2	1.338	1.157	9.58	10.4	12.	13.02
00400	PH (STANDARD UNITS)	07/18/60-06/09/70	33	7.5	7.452	7.9	7.	0.056	0.237	7.04	7.3	7.6	7.76
00400	CONVERTED PH (STANDARD UNITS)	07/18/60-06/09/70	33	7.5	7.385	7.9	7.	0.061	0.247	7.04	7.3	7.6	7.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/60-06/09/70	33	0.032	0.041	0.1	0.013	0.001	0.025	0.017	0.025	0.05	0.092
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/60-06/09/70	33	1.8	2.212	6.2	0.9	1.625	1.275	1.1	1.45	2.4	4.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	33	29.	28.788	39.	15.	26.922	5.189	21.8	26.	32.	35.6
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/60-06/09/70	33	35.	35.121	47.	18.	40.11	6.333	26.8	32.	39.	43.6
00445	CARBONATE ION (MG/L AS CO3)	07/18/60-06/09/70	33	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/60-06/09/70	33	0.05	0.045	0.14	0.02	0.001	0.028	0.02	0.02	0.05	0.07
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/18/60-06/15/64	23	0.	0.008	0.04	0.	0.	0.012	0.	0.	0.01	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/60-06/15/64	23 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	33	30.	31.212	43.	16.	39.422	6.279	23.4	28.	35.5	40.2
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/60-06/09/70	33	3.	2.545	6.	0.	2.631	1.622	0.	1.5	4.	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/60-06/09/70	33	10.	10.473	15.	5.	5.233	2.288	7.9	8.9	12.	14.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/60-06/09/70	33	1.2	1.221	2.1	0.1	0.13	0.36	0.8	1.	1.5	1.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/60-06/09/70	33	2.	2.155	3.6	1.4	0.221	0.47	1.6	1.85	2.35	2.8
00931	SODIUM ADSORPTION RATIO	07/18/60-06/09/70	33	0.2	0.173	0.3	0.1	0.003	0.057	0.1	0.1	0.2	0.2
00932	SODIUM, PERCENT	07/18/60-06/09/70	33	12.	13.182	20.	10.	7.528	2.744	10.4	11.	14.	18.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/60-06/09/70	33	0.3	0.27	0.7	0.	0.027	0.163	0.	0.2	0.3	0.5
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/60-06/09/70	33	1.	1.318	2.	0.7	0.243	0.493	1.	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/60-06/09/70	33	6.	5.788	10.	3.	2.547	1.596	4.	5.	6.5	8.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/60-06/09/70	33	0.1	0.094	0.2	0.	0.001	0.035	0.04	0.1	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/60-06/09/70	33	5.3	5.539	9.5	3.5	1.357	1.165	4.38	5.	5.8	7.54
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/60-10/18/67	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01020	BORON, DISSOLVED (UG/L AS B)	09/07/60-11/13/68	15	0.	9.333	40.	0.	163.81	12.799	0.	0.	20.	34.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/07/60-09/09/69	16	0.	3.75	40.	0.	105.	10.247	0.	0.	0.	19.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	11/01/61-09/09/69	14	0.	0.714	10.	0.	7.143	2.673	0.	0.	0.	5.
01040	COPPER, DISSOLVED (UG/L AS CU)	09/07/60-09/09/69	16	5.	18.125	90.	0.	909.583	30.159	0.	0.	20.	90.
01045	IRON, TOTAL (UG/L AS FE)	07/18/60-06/02/65	25	20.	67.6	630.	0.	21685.667	147.261	0.	10.	40.	264.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/01/61-09/09/69	14 ##	25.	17.5	25.	0.	133.654	11.561	0.	0.	25.	25.
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/18/60-08/02/66	27	11.5	30.426	360.	0.	4890.629	69.933	0.	0.	36.	76.6
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/18/60-08/02/66	27	1.061	0.83	2.556	0.	0.667	0.816	0.	0.	1.556	1.882
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			6.765								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/60-06/09/70	33	45.	45.97	58.	27.	56.343	7.506	37.8	41.	51.5	57.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/60-06/09/70	33	43.	44.182	60.	25.	57.528	7.585	34.2	40.5	48.	54.6
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/18/60-06/15/64	23	61.2	84.339	370.	13.	7163.644	84.638	20.72	25.4	102.	222.4
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/60-06/09/70	33	0.06	0.062	0.08	0.04	0.	0.01	0.05	0.06	0.07	0.08
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/14/64-06/02/65	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0229

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	25	0	0.00	3	0	0.00	8	0	0.00	8	0	0.00	6	0	0.00
00400	PH	Fresh Chronic	9.	33	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	33	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	33	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	33	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00
		Drinking Water	250.	33	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	33	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	33	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	7	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	14	0	0.00	2	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	50.	14	0	0.00	2	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	16	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	100.	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	16	5	0.31	3	1	0.33	5	2	0.40	5	1	0.20	3	1	0.33
		Drinking Water	1300.	16	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5000.	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	27	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00	6	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/60-06/09/70	4	8.55	8.8	12.	6.1	9.887	3.144	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/18/60-06/09/70	5	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/60-06/09/70	5	69.	75.	102.	62.	243.5	15.604	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/60-06/09/70	5	7.5	7.46	7.9	7.1	0.128	0.358	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/60-06/09/70	5	7.5	7.351	7.9	7.1	0.143	0.378	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/60-06/09/70	5	0.032	0.045	0.079	0.013	0.001	0.033	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/60-06/09/70	5	1.7	2.38	4.1	0.9	2.552	1.597	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	5	27.	29.2	39.	26.	30.7	5.541	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/60-06/09/70	5	33.	35.6	47.	32.	41.3	6.427	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/18/60-06/09/70	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/60-06/09/70	5	0.05	0.074	0.14	0.02	0.002	0.049	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	5	29.	31.4	43.	26.	45.3	6.731	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/60-06/09/70	5	3.	2.2	4.	0.	2.7	1.643	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/60-06/09/70	5	10.	10.34	15.	7.9	7.568	2.751	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/60-06/09/70	5	1.4	1.36	1.6	0.9	0.073	0.27	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/60-06/09/70	5	2.7	2.42	2.8	1.9	0.227	0.476	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/18/60-06/09/70	5	0.2	0.18	0.2	0.1	0.002	0.045	**	**	**	**
00932	SODIUM, PERCENT	07/18/60-06/09/70	5	12.	14.6	19.	12.	12.8	3.578	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/60-06/09/70	5	0.3	0.26	0.5	0.	0.033	0.182	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/60-06/09/70	5	2.	1.6	2.	1.	0.3	0.548	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/60-06/09/70	5	5.	6.	10.	4.	5.5	2.345	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/60-06/09/70	5	0.1	0.1	0.2	0.	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/60-06/09/70	5	5.6	6.06	7.3	5.4	0.728	0.853	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/60-06/09/70	5	46.	47.6	58.	43.	36.3	6.025	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/60-06/09/70	5	43.	45.4	60.	40.	68.3	8.264	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/60-06/09/70	5	0.06	0.064	0.08	0.06	0.	0.009	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/60-06/09/70	9	5.	4.956	6.7	3.4	1.353	1.163	3.4	3.75	6.05	6.7
00080	COLOR (PLATINUM-COBALT UNITS)	07/18/60-06/09/70	9	5.	7.222	15.	5.	13.194	3.632	5.	5.	10.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/60-06/09/70	9	69.	63.222	77.	38.	198.944	14.105	38.	51.5	76.5	77.
00400	PH (STANDARD UNITS)	07/18/60-06/09/70	9	7.4	7.333	7.5	7.	0.04	0.2	7.	7.15	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	07/18/60-06/09/70	9	7.4	7.287	7.5	7.	0.042	0.206	7.	7.15	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/60-06/09/70	9	0.04	0.052	0.1	0.032	0.001	0.028	0.032	0.032	0.075	0.1
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/60-06/09/70	9	1.9	2.322	5.1	1.3	1.274	1.129	1.3	1.8	2.6	5.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	9	26.	24.444	30.	15.	28.778	5.364	15.	20.	30.	30.
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/60-06/09/70	9	32.	29.778	37.	18.	42.694	6.534	18.	24.5	36.	37.
00445	CARBONATE ION (MG/L AS CO3)	07/18/60-06/09/70	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/60-06/09/70	9	0.05	0.041	0.07	0.02	0.	0.021	0.02	0.02	0.06	0.07
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	9	28.	26.333	34.	16.	38.75	6.225	16.	21.	32.	34.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/60-06/09/70	9	2.	2.	4.	0.	2.	1.414	0.	0.5	3.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/60-06/09/70	9	9.2	9.078	12.	5.	4.779	2.186	5.	7.75	11.	12.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/60-06/09/70	9	1.	0.9	1.2	0.1	0.123	0.35	0.1	0.75	1.2	1.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/60-06/09/70	9	1.9	1.933	2.3	1.4	0.095	0.308	1.4	1.7	2.25	2.3
00931	SODIUM ADSORPTION RATIO	07/18/60-06/09/70	9	0.2	0.167	0.2	0.1	0.003	0.05	0.1	0.1	0.2	0.2
00932	SODIUM, PERCENT	07/18/60-06/09/70	9	13.	14.	20.	11.	6.25	2.5	11.	13.	14.5	20.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/60-06/09/70	9	0.2	0.156	0.3	0.	0.018	0.133	0.	0.	0.3	0.3
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/60-06/09/70	9	1.	1.444	2.	1.	0.278	0.527	1.	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/60-06/09/70	9	5.	4.778	6.	3.	1.694	1.302	3.	3.5	6.	6.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/60-06/09/70	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/60-06/09/70	9	5.3	5.178	5.9	3.5	0.542	0.736	3.5	4.85	5.75	5.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/60-06/09/70	9	41.	41.	51.	27.	71.	8.426	27.	34.	49.	51.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/60-06/09/70	9	41.	38.333	46.	25.	63.	7.937	25.	31.	46.	46.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/60-06/09/70	9	0.06	0.056	0.07	0.04	0.	0.011	0.04	0.045	0.065	0.07

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/60-06/09/70	12	8.7	10.725	18.8	6.	19.202	4.382	6.21	7.4	15.475	18.17
00080	COLOR (PLATINUM-COBALT UNITS)	07/18/60-06/09/70	12	5.	2.917	5.	0.	6.629	2.575	0.	0.	5.	5.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/60-06/09/70	12	71.	71.583	82.	60.	50.992	7.141	61.2	66.25	78.75	82.
00400	PH (STANDARD UNITS)	07/18/60-06/09/70	12	7.5	7.517	7.8	7.2	0.027	0.164	7.23	7.425	7.6	7.77
00400	CONVERTED PH (STANDARD UNITS)	07/18/60-06/09/70	12	7.5	7.487	7.8	7.2	0.028	0.167	7.23	7.425	7.6	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/60-06/09/70	12	0.032	0.033	0.063	0.016	0.	0.013	0.017	0.025	0.038	0.059
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/60-06/09/70	12	1.65	1.783	3.5	1.	0.449	0.67	1.03	1.425	1.95	3.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	12	28.5	28.417	32.	25.	6.265	2.503	25.	26.25	30.75	32.
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/60-06/09/70	12	34.5	34.583	39.	30.	8.992	2.999	30.3	32.25	37.5	39.
00445	CARBONATE ION (MG/L AS CO3)	07/18/60-06/09/70	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/60-06/09/70	12	0.05	0.039	0.07	0.02	0.	0.018	0.02	0.02	0.05	0.064
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	12	30.	30.25	35.	26.	9.295	3.049	26.3	28.	33.75	34.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/60-06/09/70	12	2.	2.083	4.	0.	1.356	1.165	0.	2.	3.	3.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/60-06/09/70	12	10.	9.933	12.	7.9	1.368	1.17	8.17	9.	11.	11.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/60-06/09/70	12	1.25	1.3	1.7	1.	0.047	0.217	1.	1.2	1.475	1.67
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/60-06/09/70	12	1.95	1.983	3.	1.6	0.143	0.379	1.6	1.725	2.15	2.76
00931	SODIUM ADSORPTION RATIO	07/18/60-06/09/70	12	0.15	0.158	0.3	0.1	0.004	0.067	0.1	0.1	0.2	0.27
00932	SODIUM, PERCENT	07/18/60-06/09/70	12	12.	12.417	20.	10.	7.538	2.746	10.	10.25	13.5	18.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/60-06/09/70	12	0.3	0.3	0.7	0.1	0.024	0.154	0.13	0.2	0.375	0.61
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/60-06/09/70	12	1.	1.125	2.	0.7	0.177	0.42	0.73	1.	1.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/60-06/09/70	12	6.	5.583	7.	4.	0.992	0.996	4.	5.	6.	7.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/60-06/09/70	12	0.1	0.083	0.1	0.	0.002	0.039	0.	0.1	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/60-06/09/70	12	5.05	5.45	8.	4.2	1.49	1.221	4.23	4.6	5.775	7.91
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/60-06/09/70	12	42.5	44.417	53.	39.	22.629	4.757	39.3	41.	49.75	52.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/60-06/09/70	12	42.	42.833	48.	37.	10.697	3.271	37.9	40.5	45.5	48.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/60-06/09/70	12	0.06	0.061	0.07	0.05	0.	0.007	0.05	0.06	0.068	0.07

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/60-06/09/70	5	15.	14.3	18.6	10.5	9.38	3.063	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/18/60-06/09/70	7	5.	2.857	5.	0.	7.143	2.673	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/60-06/09/70	7	91.	90.286	95.	82.	17.905	4.231	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/60-06/09/70	7	7.6	7.486	7.8	7.	0.081	0.285	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/60-06/09/70	7	7.6	7.397	7.8	7.	0.091	0.301	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/60-06/09/70	7	0.025	0.04	0.1	0.016	0.001	0.031	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/60-06/09/70	7	1.7	2.686	6.2	1.1	3.771	1.942	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	7	34.	34.714	38.	32.	3.571	1.89	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/60-06/09/70	7	42.	42.571	46.	39.	4.619	2.149	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/18/60-06/09/70	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/18/60-06/09/70	7	0.05	0.04	0.07	0.02	0.	0.02	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/60-06/09/70	7	39.	39.	41.	36.	3.	1.732	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/60-06/09/70	7	5.	4.286	6.	1.	2.571	1.604	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/60-06/09/70	7	13.	13.286	15.	12.	1.238	1.113	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/60-06/09/70	7	1.5	1.4	2.1	0.8	0.173	0.416	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/60-06/09/70	7	2.4	2.543	3.6	2.	0.273	0.522	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931	SODIUM ADSORPTION RATIO	07/18/60-06/09/70	7	0.2	0.2	0.3	0.1	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	07/18/60-06/09/70	7	11.	12.429	17.	11.	4.952	2.225	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/60-06/09/70	7	0.3	0.371	0.6	0.2	0.019	0.138	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/60-06/09/70	7	1.	1.286	2.	1.	0.238	0.488	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/60-06/09/70	7	8.	7.286	8.	5.	1.571	1.254	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/60-06/09/70	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/60-06/09/70	7	5.1	5.786	9.5	4.7	2.788	1.67	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/60-06/09/70	7	55.	53.857	58.	44.	23.476	4.845	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/60-06/09/70	7	53.	53.143	57.	48.	7.81	2.795	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/60-06/09/70	7	0.07	0.073	0.08	0.06	0.	0.008	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: OLYM0230

NPS Station ID: OLYM0230
LAT/LON: 48.223337/-124.098337
Agency: UNIVWASH
Date Created: / /
Location: PILLAR POINT I
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDF112
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 478
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND - STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110021015
RF1 Mile Point: 9.350
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/19/53-09/12/64	53	81.	118.245	327.	0.	12413.727	111.417	0.	24.	202.5	327.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/53-09/12/64	53	8.2	8.572	12.3	6.8	1.699	1.304	7.14	7.6	9.45	10.2
00300	OXYGEN, DISSOLVED MG/L	07/19/53-09/12/64	45	5.2	5.36	8.6	2.5	3.101	1.761	3.3	3.75	6.9	7.84
00480	SALINITY - PARTS PER THOUSAND	07/19/53-09/12/64	53	32.5	32.357	33.8	29.9	0.993	0.996	30.94	31.75	33.3	33.66
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/19/53-07/08/54	20	0.008	0.007	0.008	0.006	0.	0.001	0.006	0.006	0.008	0.008

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0230

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	45	15	0.33				5	0	0.00	24	10	0.42	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 #2: 12/01 to 3/31 - Station OLYM0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/19/53-09/12/64	5	81.	120.6	327.	0.	17090.3	130.73	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/53-09/12/64	5	8.1	8.06	8.3	7.9	0.028	0.167	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/19/53-09/12/64	5	7.4	7.12	7.9	5.8	0.767	0.876	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	07/19/53-09/12/64	5	31.2	31.52	32.8	30.9	0.607	0.779	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/19/53-09/12/64	24	81.5	118.25	327.	0.	12621.848	112.347	0.	20.	224.5	327.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/53-09/12/64	24	7.9	8.342	10.3	6.8	1.552	1.246	7.	7.225	9.85	10.2
00300	OXYGEN, DISSOLVED MG/L	07/19/53-09/12/64	24	4.75	5.15	8.5	2.5	3.399	1.844	3.	3.625	6.85	8.05
00480	SALINITY - PARTS PER THOUSAND	07/19/53-09/12/64	24	32.45	32.429	33.8	30.6	0.955	0.977	31.15	31.8	33.45	33.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/19/53-09/12/64	24	81.5	117.75	327.	0.	12470.283	111.67	0.	20.	222.25	324.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/53-09/12/64	24	8.95	8.908	12.3	7.	2.055	1.433	7.2	7.825	9.525	11.7
00300	OXYGEN, DISSOLVED MG/L	07/19/53-09/12/64	16	4.7	5.125	8.6	3.3	2.518	1.587	3.3	3.825	5.975	7.69
00480	SALINITY - PARTS PER THOUSAND	07/19/53-09/12/64	24	32.55	32.458	33.7	29.9	1.015	1.007	30.6	32.025	33.275	33.65

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: OLYM0231

NPS Station ID: OLYM0231 LAT/LON: 47.812226/-124.124448 Agency: 112WRD Date Created: 03/16/79
Location: HOH RIVER AT RIVER MILE 24.0 NR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12041040
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 23.940 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0231

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0232

NPS Station ID: OLYM0232
LAT/LON: 47.569642/-124.156060
Agency: 11NPSWRD
Date Created: 04/25/98
Location: MUD CREEK
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-MC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100102
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SALMON RIVER WEST WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON MUD CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/95-03/18/97	4	31.5	28.25	34.	16.	72.25	8.5	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/95-03/18/97	4	5.95	5.9	6.8	4.9	1.087	1.042	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/95-03/18/97	4	5.392	5.283	6.8	4.9	1.594	1.263	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/95-03/18/97	4	4.051	5.212	12.589	0.158	37.653	6.136	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/95-03/18/97	4	1.15	1.15	2.	0.3	0.963	0.981	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/27/95-03/18/97	3	17.	70.667	183.	12.	9470.333	97.316	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	10/24/96-03/18/97	2	0.135	0.135	0.19	0.08	0.006	0.078	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/27/95-03/18/97	4	0.006	0.006	0.008	0.003	0.	0.002	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/27/95-07/27/95	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/27/95-03/18/97	3	0.01	0.011	0.02	0.004	0.	0.008	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/27/95-03/18/97	3	0.013	0.015	0.02	0.011	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/27/95-03/18/97	3	0.006	0.009	0.015	0.005	0.	0.006	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/95-03/18/97	4	1.8	1.675	2.6	0.5	1.183	1.087	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/95-03/18/97	4	0.6	0.525	0.7	0.2	0.056	0.236	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/95-03/18/97	4	2.785	2.583	3.51	1.25	1.237	1.112	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/95-03/18/97	4	0.25	0.253	0.29	0.22	0.001	0.029	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/27/95-03/18/97	3	4.	3.333	4.	2.	1.333	1.155	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/27/95-03/18/97	3	1.	0.9	1.1	0.6	0.07	0.265	**	**	**	**
50938	ANION - CATION RATIO	07/27/95-03/18/97	3	0.85	0.83	0.91	0.73	0.008	0.092	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/27/95-03/18/97	3	33.	33.	35.	31.	4.	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: OLYM0232

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	4	2	0.50	1	1	1.00	1	1	1.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0233

NPS Station ID: OLYM0233
LAT/LON: 48.189727/-124.156393
Agency: 21540000
Date Created: / /
Location: PYSHT RIVER NEAR PYSHT
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 19A070 /0919A070 /12043400
RMI-Indexes: 1312005
Within Park Boundary: No
RMI-Miles: 0009.50
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COASTAL (LYRE HOKO-19)
ECO Region:
RF1 Index: 17110021018
RF1 Mile Point: 3.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED ON THE PYSHT RIVER 3.4 MILES DOWN HIGHWAY 112 FROM HIGHWAY 101 AT SAPPHO
SOUTHWEST REGION 15 QUAD- PYSHT
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 50

Parameter Inventory for Station: OLYM0233

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: OLYM0234

NPS Station ID: OLYM0234
LAT/LON: 48.189727/-124.156393
Agency: 112WRD
Date Created: / /
Location: PYSHT R NR PYSHT
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021018
RF1 Mile Point: 3.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/14/71-09/17/74	17	6.7	8.953	18.6	4.4	18.506	4.302	4.64	5.5	12.65	15.88
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/14/71-08/08/72	5	315.	306.8	620.	8.	85984.7	293.231	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/14/71-09/17/74	17	3.	9.824	70.	1.	292.904	17.114	1.	2.	9.	38.
00080	COLOR (PLATINUM-COBALT UNITS)	12/14/71-09/17/74	17	29.	31.235	69.	2.	296.816	17.228	12.4	18.	41.	59.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/14/71-09/17/74	17	83.	79.118	120.	18.	768.86	27.728	38.	59.5	105.	112.
00300	OXYGEN, DISSOLVED MG/L	12/14/71-09/17/74	17	11.6	11.076	12.8	7.	2.687	1.639	8.44	9.85	12.35	12.64
00400	PH (STANDARD UNITS)	12/14/71-09/17/74	17	7.2	7.265	7.7	6.8	0.05	0.223	6.88	7.2	7.4	7.62
00400	CONVERTED PH (STANDARD UNITS)	12/14/71-09/17/74	17	7.2	7.21	7.7	6.8	0.053	0.231	6.88	7.2	7.4	7.62
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/14/71-09/17/74	17	0.063	0.062	0.158	0.02	0.001	0.035	0.024	0.04	0.063	0.132
00405	CARBON DIOXIDE (MG/L AS CO2)	04/11/72-09/25/73	9	2.7	2.733	4.6	1.2	1.442	1.201	1.2	1.7	3.95	4.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/14/71-09/25/73	11	21.	22.455	36.	13.	79.873	8.937	13.	14.	31.	35.6
00440	BICARBONATE ION (MG/L AS HCO3)	12/14/71-09/25/73	11	25.	27.364	44.	16.	119.455	10.93	16.	17.	38.	43.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/71-09/17/74	17	0.07	0.089	0.27	0.02	0.005	0.067	0.02	0.035	0.13	0.198
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/14/71-08/08/72	5 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	4	0.008	0.01	0.021	0.002	0.	0.008	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/14/71-08/08/72	5	0.11	0.29	0.8	0.05	0.104	0.322	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	6	0.305	0.45	1.1	0.08	0.16	0.4	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	5	0.14	0.154	0.25	0.05	0.005	0.074	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	6	0.36	0.45	1.3	0.1	0.199	0.447	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/73-09/17/74	11	0.01	0.011	0.03	0.	0.	0.012	0.	0.	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/71-09/17/74	17	0.02	0.031	0.15	0.002	0.001	0.034	0.006	0.012	0.035	0.079
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/14/71-09/17/74	17	0.005	0.005	0.01	0.001	0.	0.003	0.001	0.003	0.008	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/14/71-09/25/73	11	26.	23.909	36.	14.	60.891	7.803	14.4	16.	31.	35.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/14/71-09/25/73	11	2.	1.909	6.	0.	4.891	2.212	0.	0.	2.	6.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/14/71-09/25/73	11	7.9	7.1	11.	4.1	6.044	2.458	4.18	4.6	9.1	10.78
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/14/71-09/25/73	11	1.4	1.473	2.1	0.9	0.182	0.427	0.92	1.1	1.9	2.08
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/14/71-09/25/73	11	4.9	4.855	6.7	3.6	0.941	0.97	3.66	3.9	5.5	6.5
00931	SODIUM ADSORPTION RATIO	12/14/71-09/25/73	11	0.4	0.427	0.5	0.4	0.002	0.047	0.4	0.4	0.5	0.5
00932	SODIUM, PERCENT	12/14/71-09/25/73	11	29.	30.273	35.	27.	8.818	2.97	27.2	28.	34.	35.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/14/71-09/25/73	11	0.6	0.918	3.4	0.1	0.906	0.952	0.16	0.5	0.8	3.12
00940	CHLORIDE,TOTAL IN WATER MG/L	12/14/71-09/25/73	11	4.	3.818	5.	3.	0.364	0.603	3.	3.	4.	4.8
00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	6	10.	10.333	14.	6.	8.267	2.875	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/14/71-09/17/74	17	450.	644.412	2100.	100.	318887.132	564.701	140.	302.5	780.	1700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/14/71-09/17/74	17	2.653	2.673	3.322	2.	0.125	0.354	2.141	2.48	2.887	3.228
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			470.983								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0234

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	1	0.06	2	0	0.00	6	1	0.17	6	0	0.00	3	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
00400	PH	Fresh Chronic	9.	17	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	17	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00				2	0	0.00	2	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00				2	0	0.00	2	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	250.	11	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	17	3	0.18	2	0	0.00	6	0	0.00	6	1	0.17	3	2	0.67

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0235

NPS Station ID: OLYM0235
LAT/LON: 47.821948/-124.192782
Agency: 112WRD
Date Created: 12/11/78
Location: HOH RIVER AT MILE 20.0 NR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041100
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 20.280
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/78-09/19/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/78-09/19/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/78-09/19/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/78-09/19/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/19/78-09/19/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/19/78-09/19/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/78-09/19/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/78-09/19/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/78-09/19/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/78-09/19/78	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/78-09/19/78	1	49.	49.	49.	49.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/78-09/19/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	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: OLYM0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0236

NPS Station ID: OLYM0236 LAT/LON: 47.821948/-124.196116 Agency: 112WRD Date Created: 03/16/79
Location: WILLOUGHBY CREEK AT MOUTH NR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12041110
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 20.280 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0236

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/78-09/19/78	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0236

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0237

NPS Station ID: OLYM0237 | LAT/LON: 47.555698/-124.204087 | Agency: 11NPSWRD | Date Created: 04/25/98
Location: HIBBARD CREEK | FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): OLYM_NPS_RM-HC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100102 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: WASHINGTON COAST | ECO Region:
RF1 Index: 17100102 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SALMON RIVER WEST WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON HIBBARD CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/95-10/18/96	3	30.	36.333	49.	30.	120.333	10.97	**	**	**	**
00400	PH (STANDARD UNITS)	06/27/95-10/18/96	3	5.2	5.533	6.2	5.2	0.333	0.577	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/27/95-10/18/96	3	5.2	5.355	6.2	5.2	0.381	0.617	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/95-10/18/96	3	6.31	4.417	6.31	0.631	10.749	3.279	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/27/95-10/18/96	3	0.5	1.333	3.	0.5	2.083	1.443	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/27/95-10/18/96	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	10/18/96-10/18/96	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/95-10/18/96	2	0.008	0.008	0.009	0.006	0.	0.002	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/27/95-06/27/95	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/95-10/18/96	2	0.13	0.13	0.21	0.05	0.013	0.113	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/27/95-10/18/96	3	0.01	0.01	0.011	0.009	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/95-10/18/96	2	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/95-10/18/96	2	2.4	2.4	3.7	1.1	3.38	1.838	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/95-10/18/96	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/95-10/18/96	2	3.105	3.105	3.6	2.61	0.49	0.7	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/95-10/18/96	2	0.34	0.34	0.44	0.24	0.02	0.141	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/27/95-10/18/96	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/27/95-10/18/96	2	1.55	1.55	2.	1.1	0.405	0.636	**	**	**	**
50938	ANION - CATION RATIO	06/27/95-10/18/96	2	0.99	0.99	1.08	0.9	0.016	0.127	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/27/95-10/18/96	2	27.5	27.5	32.	23.	40.5	6.364	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	3	1.00	2	2	1.00				1	1	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0238

NPS Station ID: OLYM0238
LAT/LON: 48.170837/-124.211116
Agency: 112WRD
Date Created: / /
Location: PYSHT R NR SAPPHO, WASH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043365
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021019
RF1 Mile Point: 1.380
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0238

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/68-06/25/68	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	02/12/68-02/12/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	02/12/68-06/25/68	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/12/68-06/25/68	2	81.5	81.5	90.	73.	144.5	12.021	**	**	**	**
00400	PH (STANDARD UNITS)	02/12/68-06/25/68	2	7.45	7.45	7.7	7.2	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/12/68-06/25/68	2	7.382	7.382	7.7	7.2	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/12/68-06/25/68	2	0.042	0.042	0.063	0.02	0.001	0.031	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/12/68-06/25/68	2	27.5	27.5	32.	23.	40.5	6.364	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/12/68-06/25/68	2	33.5	33.5	39.	28.	60.5	7.778	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/12/68-06/25/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/12/68-06/25/68	2	27.5	27.5	30.	25.	12.5	3.536	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/12/68-06/25/68	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/12/68-06/25/68	2	7.9	7.9	8.8	7.	1.62	1.273	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/12/68-06/25/68	2	1.9	1.9	2.	1.8	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/12/68-06/25/68	2	4.75	4.75	5.2	4.3	0.405	0.636	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/12/68-06/25/68	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	02/12/68-06/25/68	2	27.	27.	27.	27.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/12/68-06/25/68	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/12/68-06/25/68	2	2.85	2.85	5.	0.7	9.245	3.041	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/68-06/25/68	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/12/68-06/25/68	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/12/68-06/25/68	2	9.05	9.05	9.3	8.8	0.125	0.354	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/12/68-06/25/68	2	10.	10.	20.	0.	200.	14.142	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/12/68-06/25/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/12/68-06/25/68	2	54.5	54.5	57.	52.	12.5	3.536	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/25/68-06/25/68	1	53.	53.	53.	53.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/12/68-06/25/68	2	0.075	0.075	0.08	0.07	0.	0.007	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/12/68-06/25/68	2	0.3	0.3	0.5	0.1	0.08	0.283	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0238

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0239

NPS Station ID: OLYM0239
LAT/LON: 47.815560/-124.215004
Agency: 112WRD
Date Created: 03/16/79
Location: ELK CREEK AT MOUTH NR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041120
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 18.320
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	19.	19.	19.	19.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.279	1.279	1.279	1.279	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			19.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0239

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0240

NPS Station ID: OLYM0240
LAT/LON: 47.811948/-124.224727
Agency: 112WRD
Date Created: 03/16/79
Location: HOH RIVER AT MILE 18.0 NR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041130
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 17.870
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			30.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0241

NPS Station ID: OLYM0241 LAT/LON: 47.811948/-124.228338 Agency: 112WRD Date Created: 03/16/79
Location: ALDER CREEK AT MOUTH NR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12041140
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 17.770 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	25.	25.	25.	25.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.398	1.398	1.398	1.398	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			25.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0241

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0242

NPS Station ID: OLYM0242 LAT/LON: 47.810004/-124.230560 Agency: 112WRD Date Created: 03/16/79
Location: WINFIELD CREEK AT MOUTH NR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12041170
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 17.480 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	38.	38.	38.	38.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.58	1.58	1.58	1.58	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			38.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0243

NPS Station ID: OLYM0243
LAT/LON: 47.562560/-124.231949
Agency: 11NPSWRD
Date Created: 04/25/98
Location: MCKINNON CREEK
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-MKC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100102
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE SALMON RIVER WEST WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON MCKINNON CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/27/95-06/27/95	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/27/95-06/27/95	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/27/95-06/27/95	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/95-06/27/95	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/27/95-06/27/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/27/95-06/27/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/27/95-06/27/95	2	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/27/95-06/27/95	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/27/95-06/27/95	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/27/95-06/27/95	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/27/95-06/27/95	2	0.013	0.013	0.013	0.012	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/27/95-06/27/95	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/27/95-06/27/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/27/95-06/27/95	1	4.31	4.31	4.31	4.31	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/27/95-06/27/95	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/27/95-06/27/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/27/95-06/27/95	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	06/27/95-06/27/95	1	1.08	1.08	1.08	1.08	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/27/95-06/27/95	1	31.	31.	31.	31.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0243

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0244

NPS Station ID: OLYM0244 LAT/LON: 47.806948/-124.249727 Agency: 112WRD Date Created: / /
Location: HOH RIVER AT U.S. HIGHWAY 101 NEAR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12041200
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 15.420 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/01/61-06/04/80	52	8.35	8.252	13.7	4.	6.858	2.619	5.12	5.8	10.625	11.84
00060	FLOW, STREAM, MEAN DAILY CFS	11/01/61-06/09/70	18	1960.	2898.278	16700.	929.	12356787.507	3515.222	1037.9	1632.5	2885.	4613.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/27/71-06/04/80	36	1775.	2389.194	11800.	752.	4034611.59	2008.634	935.2	1240.	2762.5	5043.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/27/71-09/29/78	24	4.	9.75	60.	1.	197.413	14.05	1.5	2.25	10.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/15/78-06/04/80	11	2.	4.191	15.	0.	28.521	5.34	0.	1.	8.	14.6
00080	COLOR (PLATINUM-COBALT UNITS)	11/01/61-06/04/80	52	8.5	12.231	64.	0.	179.357	13.392	0.	5.	15.	32.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/61-06/04/80	54	74.	72.222	94.	38.	113.233	10.641	57.5	67.	79.25	82.5
00300	OXYGEN, DISSOLVED MG/L	11/01/61-06/04/80	48	11.65	11.627	13.	10.1	0.649	0.806	10.57	11.025	12.375	12.71
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/61-06/04/80	53	7.3	7.285	7.8	6.6	0.064	0.252	7.	7.2	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	11/01/61-06/04/80	53	7.3	7.202	7.8	6.6	0.071	0.266	7.	7.2	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/61-06/04/80	53	0.05	0.063	0.251	0.016	0.002	0.049	0.025	0.032	0.063	0.1
00405	CARBON DIOXIDE (MG/L AS CO2)	04/11/72-06/04/80	19	1.7	1.826	3.7	0.	0.688	0.829	0.8	1.3	2.2	2.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	45	25.	24.378	29.	12.	11.24	3.353	19.6	23.	27.	28.
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/04/80-06/04/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/61-06/04/80	41	31.	28.805	35.	0.	42.561	6.524	23.	27.5	32.	33.8
00445	CARBONATE ION (MG/L AS CO3)	11/01/61-07/18/79	29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-06/04/80	2	0.43	0.43	0.69	0.17	0.135	0.368	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	06/04/80-06/04/80	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-06/04/80	2	0.27	0.27	0.49	0.05	0.097	0.311	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	06/04/80-06/04/80	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/04/80-06/04/80	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-06/04/80	36	0.04	0.058	0.27	0.005	0.003	0.056	0.009	0.02	0.07	0.139
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	6 ##	0.008	0.009	0.02	0.005	0.	0.006	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	4	0.007	0.009	0.019	0.003	0.	0.007	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	6	0.04	0.072	0.16	0.02	0.004	0.065	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	6	0.07	0.073	0.13	0.01	0.002	0.04	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/04/80-06/04/80	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/04/80-06/04/80	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-06/04/80	7	0.13	0.186	0.56	0.07	0.028	0.169	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-06/04/80	24	0.09	0.086	0.17	0.01	0.002	0.045	0.02	0.043	0.13	0.135
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/04/80-06/04/80	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/15/64-05/15/79	3	0.02	0.04	0.09	0.01	0.002	0.044	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/01/61-05/01/80	35	0.	0.012	0.12	0.	0.001	0.024	0.	0.	0.01	0.034
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-06/04/80	36	0.01	0.038	0.47	0.004	0.007	0.082	0.01	0.01	0.03	0.109
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/04/80-06/04/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-05/01/80	34 ##	0.005	0.007	0.04	0.001	0.	0.007	0.004	0.005	0.005	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/04/80-06/04/80	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	06/04/80-06/04/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	48	31.5	30.729	38.	10.	29.904	5.468	24.	28.	34.	37.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/01/61-06/04/80	48	7.	6.5	21.	0.	12.511	3.537	2.	4.	8.	11.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/61-06/04/80	48	11.	10.792	13.	3.5	4.014	2.003	8.1	10.	12.	13.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/61-06/04/80	48	0.9	1.029	7.	0.2	0.843	0.918	0.6	0.725	1.	1.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/61-06/04/80	48	2.	1.94	2.9	1.	0.162	0.403	1.3	1.725	2.2	2.4
00931	SODIUM ADSORPTION RATIO	11/01/61-06/04/80	43	0.2	0.151	0.2	0.1	0.003	0.051	0.1	0.1	0.2	0.2
00932	SODIUM, PERCENT	11/01/61-06/04/80	43	12.	11.698	17.	7.	6.454	2.54	8.	10.	13.	15.6
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/18/79-01/16/80	4	2.25	2.175	2.6	1.6	0.176	0.419	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/61-06/04/80	48	0.2	0.41	5.	0.1	0.535	0.731	0.1	0.2	0.4	0.52
00940	CHLORIDE,TOTAL IN WATER MG/L	11/01/61-06/04/80	48	2.	1.773	4.	0.5	0.53	0.728	0.8	1.	2.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/01/61-06/04/80	42	9.	8.929	16.	2.	4.361	2.088	7.	8.	10.	11.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/01/61-06/04/80	19	0.1	0.095	0.2	0.	0.002	0.04	0.	0.1	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/01/61-06/04/80	20	4.65	4.67	5.8	3.2	0.726	0.852	3.4	4.125	5.5	5.7
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/62-06/04/80	27	0.	0.426	2.	0.	0.34	0.583	0.	0.	0.5	1.2
01001	ARSENIC, SUSPENDED (UG/L AS AS)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/04/80-06/04/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/15/77-06/04/80	17	20.	35.118	200.	4.	2206.11	46.969	4.	7.	50.	80.
01006	BARIUM, SUSPENDED (UG/L AS BA)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/01/61-06/04/80	13	10.	10.692	40.	0.	124.564	11.161	0.	0.	15.	32.
01021	BORON, SUSPENDED (UG/L AS B)	06/04/80-06/04/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/04/80-06/04/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/15/77-06/04/80	17 ##	1.	1.118	5.	0.	1.548	1.244	0.	0.5	1.	3.4
01027	CADMIUM, TOTAL (UG/L AS CD)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/14/62-06/04/80	27	0.	2.222	10.	0.	17.949	4.237	0.	0.	0.	10.
01031	CHROMIUM, SUSPEND (UG/L AS CR)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/19/67-06/04/80	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	06/04/80-06/04/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	06/04/80-06/04/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/62-06/04/80	30	3.5	22.6	450.	0.	6668.386	81.66	0.	0.	10.	40.
01041	COPPER, SUSPENDED (UG/L AS CU)	06/04/80-06/04/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/04/80-06/04/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	06/04/80-06/04/80	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/01/61-06/04/80	10	275.	1011.9	7600.	9.	5402551.656	2324.339	16.1	95.	547.5	6903.
01046	IRON, DISSOLVED (UG/L AS FE)	06/04/80-06/04/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/15/77-06/04/80	17	1.	2.059	9.	0.	7.559	2.749	0.	0.	3.5	7.4
01050	LEAD, SUSPENDED (UG/L AS PB)	06/04/80-06/04/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/04/80-06/04/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	06/04/80-06/04/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/04/80-06/04/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/04/80-06/04/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/04/80-06/04/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/04/80-06/04/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	11/15/77-06/04/80	17 ##	0.	0.118	1.	0.	0.11	0.332	0.	0.	0.	1.
01076	SILVER, SUSPENDED (UG/L AS AG)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/62-06/04/80	30	1.5	10.4	100.	0.	399.731	19.993	0.	0.	10.	38.
01091	ZINC, SUSPENDED (UG/L ZN)	06/04/80-06/04/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/04/80-06/04/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/04/80-06/04/80	1	480.	480.	480.	480.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/04/80-06/04/80	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/04/80-06/04/80	1	390.	390.	390.	390.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01131	LITHIUM, SUSPENDED (UG/L AS LI)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/15/77-06/04/80	17 ##	0.5	0.441	2.	0.	0.215	0.464	0.	0.	0.5	0.8
01146	SELENIUM, SUSPENDED (UG/L AS SE)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/71-09/17/74	17	150.	190.765	700.	40.	26957.441	164.187	48.	85.	250.	460.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/27/71-09/17/74	17	2.176	2.159	2.845	1.602	0.108	0.329	1.68	1.929	2.389	2.651
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			144.36								

** - 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

Parameter Inventory for Station: OLYM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	11/01/61-08/02/66	12	33.	66.5	230.	0.	8865.545	94.157	0.	0.	159.	230.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	11/01/61-08/02/66	12	1.517	1.098	2.362	0.	1.04	1.02	0.	0.	2.115	2.362
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			12.518								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-05/01/80	17	8.	13.794	57.	0.5	251.471	15.858	1.7	2.	26.5	40.2
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-05/01/80	17	0.903	0.834	1.756	-0.301	0.328	0.572	0.181	0.301	1.423	1.596
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.828								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/01/61-06/04/80	19	46.	46.105	55.	28.	43.099	6.565	34.	44.	51.	53.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/19/67-06/04/80	6	45.	44.5	51.	33.	41.9	6.473	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	11/01/61-07/18/79	15	249.	333.867	1530.	105.	119805.552	346.129	118.8	178.	392.	887.4
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/01/61-06/04/80	16	0.065	0.063	0.07	0.04	0.	0.009	0.047	0.06	0.07	0.07
71825	ACIDITY, TOTAL (MG/L AS H)	06/04/80-06/04/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/15/79-06/04/80	8	0.02	0.03	0.08	0.	0.001	0.03	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/04/80-06/04/80	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/01/61-06/09/70	18	0.2	0.194	0.4	0.	0.015	0.121	0.	0.1	0.3	0.4
71885	IRON (UG/L AS FE)	12/15/64-12/15/64	1	280.	280.	280.	280.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/15/79-06/04/80	8	0.03	0.22	1.4	0.03	0.229	0.478	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-06/04/80	2	1.95	1.95	3.1	0.8	2.645	1.626	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/15/77-06/04/80	17 ##	0.05	0.056	0.2	0.	0.002	0.046	0.	0.05	0.05	0.12
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	06/04/80-06/04/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0244

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	24	1	0.04	4	0	0.00	8	1	0.13	7	0	0.00	5	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	48	0	0.00	7	0	0.00	17	0	0.00	16	0	0.00	8	0	0.00
00400	PH	Fresh Chronic	9.	53	0	0.00	9	0	0.00	17	0	0.00	18	0	0.00	9	0	0.00
		Other-Lo Lim.	6.5	53	0	0.00	9	0	0.00	17	0	0.00	18	0	0.00	9	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	24	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00	4	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	48	0	0.00	8	0	0.00	15	0	0.00	17	0	0.00	8	0	0.00
		Drinking Water	250.	48	0	0.00	8	0	0.00	15	0	0.00	17	0	0.00	8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	42	0	0.00	7	0	0.00	13	0	0.00	15	0	0.00	7	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	19	0	0.00	3	0	0.00	5	0	0.00	8	0	0.00	3	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	27	0	0.00	4	0	0.00	10	0	0.00	11	0	0.00	2	0	0.00
		Drinking Water	50.	27	0	0.00	4	0	0.00	10	0	0.00	11	0	0.00	2	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	17	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	17	1	0.06	3	0	0.00	6	0	0.00	6	1	0.17	2	0	0.00
		Drinking Water	5.	17	1	0.06	3	0	0.00	6	0	0.00	6	1	0.17	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	27	0	0.00	3	0	0.00	10	0	0.00	11	0	0.00	3	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00				1	0	0.00	1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	30	5	0.17	5	0	0.00	10	3	0.30	11	1	0.09	4	1	0.25
		Drinking Water	1300.	30	0	0.00	5	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0244

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	17	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00
		Drinking Water	15.	17	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	17	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00
		Drinking Water	100.	17	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00
01076	SILVER, SUSPENDED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	30	0	0.00	5	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00
		Drinking Water	5000.	30	0	0.00	5	0	0.00	10	0	0.00	11	0	0.00	4	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	17	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00
		Drinking Water	50.	17	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	17	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	17	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	18	0	0.00	3	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	17	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00
		Drinking Water	2.	17	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/01/61-06/04/80	8	6.05	6.238	10.	4.2	3.268	1.808	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/27/71-06/04/80	6	1885.	2685.5	5440.	783.	4349945.5	2085.652	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/01/61-06/04/80	9	5.	10.222	36.	2.	118.194	10.872	2.	5.	14.5	36.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/61-06/04/80	9	73.	70.778	86.	56.	90.944	9.536	56.	61.5	77.	86.
00300	OXYGEN, DISSOLVED MG/L	11/01/61-06/04/80	7	12.1	12.171	12.9	11.7	0.146	0.382	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/61-06/04/80	9	7.3	7.333	7.6	7.	0.037	0.194	7.	7.2	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	11/01/61-06/04/80	9	7.3	7.295	7.6	7.	0.039	0.198	7.	7.2	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/61-06/04/80	9	0.05	0.051	0.1	0.025	0.001	0.023	0.025	0.032	0.063	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	8	26.	26.125	29.	22.	4.411	2.1	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/61-06/04/80	7	32.	31.714	35.	27.	5.905	2.43	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/01/61-07/18/79	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-06/04/80	6	0.075	0.082	0.16	0.01	0.003	0.055	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/01/61-05/01/80	5	0.	0.002	0.01	0.	0.	0.004	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-06/04/80	6	0.015	0.047	0.13	0.01	0.003	0.054	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-05/01/80	6 ##	0.005	0.006	0.01	0.004	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	8	32.	32.625	37.	28.	10.554	3.249	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/01/61-06/04/80	8	6.	6.375	10.	2.	6.839	2.615	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/61-06/04/80	8	11.5	11.3	13.	9.4	1.977	1.406	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/61-06/04/80	8	1.05	1.038	1.7	0.7	0.1	0.316	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/61-06/04/80	8	1.95	2.05	2.4	1.8	0.054	0.233	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/01/61-06/04/80	8	0.15	0.15	0.2	0.1	0.003	0.053	**	**	**	**
00932	SODIUM, PERCENT	11/01/61-06/04/80	8	12.	12.125	14.	10.	1.554	1.246	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/61-06/04/80	8	0.2	0.263	0.4	0.2	0.008	0.092	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/01/61-06/04/80	8	2.	1.875	3.	1.	0.411	0.641	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/01/61-06/04/80	7	9.	9.	11.	7.	1.667	1.291	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/62-06/04/80	4	0.25	0.375	1.	0.	0.229	0.479	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/14/62-06/04/80	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/62-06/04/80	5	0.	0.8	2.	0.	1.2	1.095	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/62-06/04/80	5	0.	10.	40.	0.	300.	17.321	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/01/61-06/04/80	17	5.8	6.194	9.5	4.	1.871	1.368	4.64	5.4	6.95	8.46
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/27/71-06/04/80	12	2485.	3236.	11800.	752.	8845104.727	2974.072	889.4	1425.	3835.	9775.
00080	COLOR (PLATINUM-COBALT UNITS)	11/01/61-06/04/80	17	10.	20.118	64.	5.	338.235	18.391	5.	5.	31.5	57.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/61-06/04/80	17	70.	66.647	83.	38.	183.743	13.555	40.4	59.	77.	82.2
00300	OXYGEN, DISSOLVED MG/L	11/01/61-06/04/80	17	12.3	12.153	12.9	11.2	0.308	0.555	11.2	11.7	12.65	12.82
00400	PH (STANDARD UNITS)	11/01/61-06/04/80	17	7.2	7.212	7.6	6.6	0.105	0.324	6.6	7.05	7.5	7.52
00400	CONVERTED PH (STANDARD UNITS)	11/01/61-06/04/80	17	7.2	7.082	7.6	6.6	0.123	0.35	6.6	7.05	7.5	7.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/61-06/04/80	17	0.063	0.083	0.251	0.025	0.006	0.076	0.03	0.032	0.09	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	13	24.	23.	28.	12.	18.833	4.34	14.8	20.5	26.5	27.6
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/61-06/04/80	13	29.	26.846	34.	13.	42.974	6.555	13.8	23.5	31.5	33.6
00445	CARBONATE ION (MG/L AS CO3)	11/01/61-07/18/79	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-06/04/80	12	0.025	0.054	0.27	0.005	0.006	0.075	0.005	0.006	0.07	0.219
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/01/61-05/01/80	13	0.	0.01	0.06	0.	0.	0.017	0.	0.	0.015	0.044
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-06/04/80	12	0.01	0.028	0.18	0.01	0.002	0.048	0.01	0.01	0.021	0.135
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-05/01/80	12 ##	0.005	0.007	0.02	0.004	0.	0.004	0.004	0.005	0.006	0.017
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	15	28.	27.2	35.	10.	56.029	7.485	13.6	24.	34.	35.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/01/61-06/04/80	15	4.	4.867	11.	0.	10.552	3.248	0.	2.	7.	9.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/61-06/04/80	15	10.	9.393	12.	3.5	7.089	2.663	4.7	8.1	12.	12.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/61-06/04/80	15	0.9	1.313	7.	0.3	2.551	1.597	0.54	0.8	1.1	3.76
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/61-06/04/80	15	2.1	2.187	2.9	1.5	0.13	0.36	1.68	2.	2.3	2.84
00931	SODIUM ADSORPTION RATIO	11/01/61-06/04/80	13	0.2	0.185	0.2	0.1	0.001	0.038	0.1	0.2	0.2	0.2
00932	SODIUM, PERCENT	11/01/61-06/04/80	13	14.	13.308	17.	8.	8.397	2.898	8.4	11.5	16.	17.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/61-06/04/80	15	0.2	0.713	5.	0.1	1.623	1.274	0.1	0.2	0.7	3.14
00940	CHLORIDE,TOTAL IN WATER MG/L	11/01/61-06/04/80	15	2.	2.187	4.	0.8	0.494	0.703	1.52	2.	2.	3.4
00945	SULFATE, TOTAL (MG/L AS SO4)	11/01/61-06/04/80	13	8.	7.692	11.	2.	4.564	2.136	3.6	7.	9.	10.2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/62-06/04/80	10	0.	0.55	2.	0.	0.692	0.832	0.	0.	1.25	2.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/14/62-06/04/80	10	0.	2.	10.	0.	17.778	4.216	0.	0.	2.5	10.
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/62-06/04/80	10	4.	55.8	450.	0.	19450.178	139.464	0.	1.5	41.	409.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/62-06/04/80	10	9.	18.95	100.	0.	963.914	31.047	0.	0.	25.	94.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/01/61-06/04/80	19	9.	9.553	12.8	5.4	3.555	1.885	7.	8.6	11.2	12.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/27/71-06/04/80	12	1795.	1872.5	2800.	910.	297656.818	545.579	1036.	1497.5	2265.	2755.
00080	COLOR (PLATINUM-COBALT UNITS)	11/01/61-06/04/80	18	5.	7.778	27.	0.	54.654	7.393	0.	3.75	11.25	20.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/61-06/04/80	19	77.	76.053	85.	67.	34.608	5.883	67.	70.	82.	83.
00300	OXYGEN, DISSOLVED MG/L	11/01/61-06/04/80	16	11.2	11.275	13.	10.3	0.525	0.724	10.51	10.7	11.675	12.58
00400	PH (STANDARD UNITS)	11/01/61-06/04/80	18	7.35	7.322	7.6	7.	0.036	0.19	7.	7.175	7.5	7.6
00400	CONVERTED PH (STANDARD UNITS)	11/01/61-06/04/80	18	7.347	7.282	7.6	7.	0.038	0.194	7.	7.175	7.5	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/61-06/04/80	18	0.045	0.052	0.1	0.025	0.001	0.024	0.025	0.032	0.067	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	16	25.	24.438	28.	16.	10.663	3.265	18.1	23.5	26.75	28.
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/61-06/04/80	15	31.	28.533	34.	0.	71.41	8.45	13.8	28.	33.	34.
00445	CARBONATE ION (MG/L AS CO3)	11/01/61-07/18/79	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-06/04/80	12	0.055	0.055	0.13	0.02	0.001	0.033	0.02	0.023	0.07	0.118
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/01/61-05/01/80	12	0.	0.01	0.04	0.	0.	0.015	0.	0.	0.025	0.037
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-06/04/80	12	0.019	0.057	0.47	0.01	0.017	0.131	0.01	0.01	0.03	0.341
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-05/01/80	11 ##	0.005	0.006	0.01	0.001	0.	0.003	0.002	0.005	0.005	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	17	33.	32.235	37.	27.	11.941	3.456	27.8	28.5	35.	37.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/01/61-06/04/80	17	7.	7.706	21.	3.	18.471	4.298	3.	5.	8.5	13.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/61-06/04/80	17	12.	11.488	13.	9.6	1.537	1.24	9.68	10.	12.5	13.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/61-06/04/80	17	0.9	0.841	1.3	0.2	0.061	0.248	0.52	0.7	1.	1.14
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/61-06/04/80	17	1.8	1.782	2.4	1.	0.165	0.407	1.16	1.4	2.1	2.32
00931	SODIUM ADSORPTION RATIO	11/01/61-06/04/80	15	0.1	0.133	0.2	0.1	0.002	0.049	0.1	0.1	0.2	0.2
00932	SODIUM, PERCENT	11/01/61-06/04/80	15	11.	10.733	16.	7.	5.924	2.434	7.6	9.	12.	15.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/61-06/04/80	17	0.3	0.288	0.5	0.1	0.017	0.132	0.1	0.2	0.4	0.5
00940	CHLORIDE,TOTAL IN WATER MG/L	11/01/61-06/04/80	17	1.	1.494	3.	0.8	0.434	0.659	0.8	0.95	2.	2.2
00945	SULFATE, TOTAL (MG/L AS SO4)	11/01/61-06/04/80	15	9.	9.467	16.	6.	5.124	2.264	7.2	8.	10.	13.6
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/62-06/04/80	11	0.	0.318	1.	0.	0.164	0.405	0.	0.	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/14/62-06/04/80	11	0.	2.727	10.	0.	21.818	4.671	0.	0.	10.	10.
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/62-06/04/80	11	4.	7.182	40.	0.	133.764	11.566	0.	0.	10.	34.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/62-06/04/80	11	1.5	4.045	10.	0.	22.673	4.762	0.	0.	10.	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/01/61-06/04/80	8	11.5	11.55	13.7	9.6	1.337	1.156	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/27/71-06/04/80	6	1365.	1432.667	2160.	946.	213242.667	461.782	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	11/01/61-06/04/80	8	9.5	7.75	18.	0.	35.643	5.97	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/01/61-06/04/80	9	77.	76.111	94.	59.	93.611	9.675	59.	70.5	81.	94.
00300	OXYGEN, DISSOLVED MG/L	11/01/61-06/04/80	8	10.8	10.738	11.4	10.1	0.251	0.501	**	**	**	**
00400	PH (STANDARD UNITS)	11/01/61-06/04/80	9	7.3	7.3	7.8	6.9	0.072	0.269	6.9	7.1	7.45	7.8
00400	CONVERTED PH (STANDARD UNITS)	11/01/61-06/04/80	9	7.3	7.231	7.8	6.9	0.078	0.279	6.9	7.1	7.45	7.8

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Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/01/61-06/04/80	9	0.05	0.059	0.126	0.016	0.001	0.035	0.016	0.036	0.082	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	8	25.	24.75	27.	21.	3.929	1.982	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/01/61-06/04/80	6	31.	30.333	33.	26.	5.467	2.338	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/01/61-07/18/79	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-06/04/80	6	0.025	0.047	0.16	0.01	0.003	0.056	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/01/61-05/01/80	5	0.	0.03	0.12	0.	0.003	0.052	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-06/04/80	6	0.01	0.015	0.03	0.004	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-05/01/80	5	0.005	0.012	0.04	0.001	0.	0.016	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/01/61-06/04/80	8	32.	32.25	38.	26.	11.929	3.454	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/01/61-06/04/80	8	7.	7.125	11.	5.	4.125	2.031	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/01/61-06/04/80	8	11.5	11.425	13.	9.4	1.159	1.077	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/01/61-06/04/80	8	0.9	0.888	1.3	0.6	0.038	0.196	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/01/61-06/04/80	8	1.65	1.7	2.3	1.2	0.126	0.355	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/01/61-06/04/80	7	0.1	0.129	0.2	0.1	0.002	0.049	**	**	**	**
00932	SODIUM, PERCENT	11/01/61-06/04/80	7	10.	10.286	12.	8.	2.238	1.496	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/01/61-06/04/80	8	0.2	0.25	0.5	0.2	0.011	0.107	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/01/61-06/04/80	8	2.	1.488	2.	0.5	0.507	0.712	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/01/61-06/04/80	7	10.	10.	12.	8.	1.667	1.291	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/62-06/04/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/14/62-06/04/80	3 ##	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/62-06/04/80	4	8.5	9.25	20.	0.	87.583	9.359	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/62-06/04/80	4	4.	7.	20.	0.	89.333	9.452	**	**	**	**

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Station Inventory for Station: OLYM0245

NPS Station ID: OLYM0245 LAT/LON: 47.806948/-124.249727 Agency: 21540000 Date Created: / /
Location: HOH RIVER AT DNR CAMPGROUND FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 20B070 /3120B070 /12041200 /541079
RMI-Indexes: 1312046 Within Park Boundary: No
RMI-Miles: 0016.50
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COASTAL (SOLEDUCK HOH-20) ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED AT THE BANK IN THE DEPARTMENT OF NATURAL RESOURCES CAMPGROUND, 21 MILES SOUTH OF FORKS, JUST BEFORE THE HOH RIVER BRIDGE ON HIGHWAY 10
SOUTHWEST REGION 15 QUAD- SPRUCE MTN
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 350

Parameter Inventory for Station: OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	62	7.95	8.86	17.	3.4	10.62	3.259	4.76	6.15	11.825	13.41
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	48	761.5	761.	773.	750.	29.957	5.473	753.	757.25	763.75	768.1
00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	63	1700.	2308.54	18600.	620.	6241327.22	2498.265	869.8	1235.	2530.	3534.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/01/61-06/03/65	10	5.	39.	300.	0.	8487.778	92.129	0.5	5.	25.	272.5
00080	COLOR (PLATINUM-COBALT UNITS)	07/19/60-09/05/61	15	5.	7.667	20.	5.	31.667	5.627	5.	5.	5.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	63	72.	72.016	91.	40.	73.5	8.573	61.4	66.	78.	82.
00300	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	62	11.65	11.519	13.2	10.2	0.567	0.753	10.43	10.875	12.2	12.47
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	59	98.6	98.575	107.5	92.	11.422	3.38	93.6	96.	101.	102.8
00400	PH (STANDARD UNITS)	07/19/60-09/29/97	63	7.4	7.41	7.9	6.9	0.046	0.214	7.2	7.2	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	63	7.4	7.361	7.9	6.9	0.048	0.219	7.2	7.2	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	63	0.04	0.044	0.126	0.013	0.	0.02	0.02	0.032	0.063	0.063
00440	BICARBONATE ION (MG/L AS HCO3)	07/19/60-09/05/61	15	30.	29.667	34.	24.	11.81	3.436	24.	27.	33.	34.
00445	CARBONATE ION (MG/L AS CO3)	07/19/60-09/05/61	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	47	6.	21.553	428.	0.5	4061.242	63.728	1.8	3.	12.	51.2
00600	NITROGEN, TOTAL (MG/L AS N)	10/26/93-09/29/97	45	0.1	0.095	0.24	0.005	0.004	0.066	0.005	0.04	0.14	0.19
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-09/29/97	47 ##	0.005	0.007	0.03	0.005	0.	0.006	0.005	0.005	0.005	0.014
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/09/70	32	0.2	0.216	0.6	0.	0.024	0.155	0.	0.1	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/29/97	46	0.055	0.067	0.21	0.005	0.003	0.057	0.005	0.005	0.11	0.143
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/19/60-09/05/61	15	0.01	0.015	0.05	0.	0.	0.012	0.	0.01	0.02	0.038
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/93-09/29/97	44 ##	0.008	0.021	0.244	0.005	0.001	0.037	0.005	0.005	0.023	0.047
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	47 ##	0.003	0.003	0.007	0.003	0.	0.001	0.003	0.003	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/60-09/05/61	15	30.	29.6	35.	22.	15.257	3.906	23.2	26.	33.	34.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/19/60-09/05/61	15	6.	5.333	7.	3.	1.952	1.397	3.	4.	6.	7.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/60-09/05/61	15	11.	10.633	12.	8.	2.017	1.42	8.6	9.	12.	12.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/60-09/05/61	15	0.7	0.8	1.5	0.2	0.107	0.327	0.38	0.6	1.	1.32
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/60-09/05/61	15	1.7	1.687	2.	1.2	0.061	0.247	1.32	1.4	1.9	2.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/60-09/05/61	15	0.3	0.267	0.6	0.	0.048	0.219	0.	0.1	0.4	0.6
00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/60-09/05/61	15	1.	1.34	2.	0.5	0.328	0.573	0.68	1.	2.	2.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/60-09/05/61	15	8.	7.867	11.	4.	3.838	1.959	4.6	7.	10.	10.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/60-09/05/61	15	0.1	0.073	0.2	0.	0.004	0.059	0.	0.	0.1	0.14
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/60-09/05/61	15	4.6	4.807	6.9	3.7	0.636	0.798	4.	4.2	5.2	6.24

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	09/07/60-06/03/65	3	0.	0.007	0.02	0.	0.	0.012	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/19/60-12/15/64	16	150.	189.375	610.	70.	19339.583	139.067	84.	90.	215.	449.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/19/60-09/05/61	15	36.	103.933	930.	0.	55917.352	236.469	0.	0.	91.	510.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/19/60-09/05/61	15	1.556	1.156	2.968	0.	1.085	1.042	0.	0.	1.959	2.604
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			14.315								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	48	3.5	11.25	95.	0.5	447.723	21.159	0.5	1.	11.	32.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	48	0.54	0.571	1.978	-0.301	0.414	0.643	-0.301	0.	1.041	1.508
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.723								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/19/60-09/05/61	15	46.	45.333	53.	38.	22.952	4.791	38.	42.	49.	51.2
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	48	5.6	13.585	200.	0.9	894.113	29.902	1.79	2.925	11.	30.6

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EPA Water Quality Criteria Analysis for Station: OLYM0245

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	1	0.10	1	0	0.00	4	1	0.25	4	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	62	0	0.00	10	0	0.00	19	0	0.00	21	0	0.00	12	0	0.00
00400	PH	Fresh Chronic	9.	63	0	0.00	10	0	0.00	20	0	0.00	21	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	63	0	0.00	10	0	0.00	20	0	0.00	21	0	0.00	12	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	32	0	0.00	5	0	0.00	9	0	0.00	11	0	0.00	7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	46	0	0.00	8	0	0.00	16	0	0.00	15	0	0.00	7	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	250.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	15	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	48	0	0.00	8	0	0.00	16	0	0.00	16	0	0.00	8	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	48	2	0.04	8	0	0.00	16	1	0.06	16	0	0.00	8	1	0.13

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1960 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	5	11.6	9.56	12.	5.2	9.928	3.151	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	6	1265.	1327.5	1850.	845.	149177.5	386.235	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	6	81.	78.5	88.	67.	57.9	7.609	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	6	11.	11.283	13.2	10.2	1.242	1.114	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/60-09/29/97	6	7.5	7.467	7.6	7.2	0.027	0.163	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	6	7.489	7.44	7.6	7.2	0.028	0.166	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	6	0.032	0.036	0.063	0.025	0.	0.015	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	9	7.	9.478	17.	4.2	20.497	4.527	4.2	5.85	13.3	17.
00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	9	2040.	2621.111	6180.	1140.	2607386.111	1614.74	1140.	1330.	3525.	6180.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	9	70.	67.556	77.	57.	44.028	6.635	57.	61.5	72.5	77.
00300	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	8	11.3	11.25	12.4	10.2	0.814	0.902	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/60-09/29/97	9	7.3	7.289	7.5	7.1	0.016	0.127	7.1	7.2	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	9	7.3	7.273	7.5	7.1	0.016	0.128	7.1	7.2	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	9	0.05	0.053	0.079	0.032	0.	0.015	0.032	0.04	0.063	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	1	98.2	98.2	98.2	98.2	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 1978 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	3	97.9	97.833	99.4	96.2	2.563	1.601	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	6	98.6	98.517	102.8	93.5	9.43	3.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	1	92.8	92.8	92.8	92.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	3	5.4	5.9	7.9	4.4	3.25	1.803	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	3	769.	766.333	773.	757.	69.333	8.327	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	3	1870.	1703.333	1990.	1250.	157733.333	397.157	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	3	72.	73.333	80.	68.	37.333	6.11	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	3	12.5	12.433	12.5	12.3	0.013	0.115	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	3	97.6	98.6	101.6	96.6	7.	2.646	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/60-09/29/97	3	7.5	7.6	7.9	7.4	0.07	0.265	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	3	7.5	7.553	7.9	7.4	0.073	0.271	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	3	0.032	0.028	0.04	0.013	0.	0.014	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	3	6.	6.	8.	4.	4.	2.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-09/29/97	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	3	17.	17.333	32.	3.	210.333	14.503	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	3	1.23	1.071	1.505	0.477	0.283	0.532	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.774								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	3	5.3	6.033	11.	1.8	21.563	4.644	**	**	**	**

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Annual Analysis for 1994 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	12	8.2	8.717	12.2	4.7	7.785	2.79	5.03	6.25	11.825	12.14
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	12	762.	760.583	763.	750.	13.538	3.679	752.4	760.	763.	763.
00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	12	1495.	3008.	18600.	673.	24623453.636	4962.202	673.	1087.5	2420.	13956.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	12	75.5	72.417	83.	40.	144.629	12.026	46.6	69.5	81.5	82.7
00300	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	12	11.75	11.7	12.5	11.	0.325	0.57	11.	11.1	12.2	12.44
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	12	99.95	99.883	102.8	96.6	4.534	2.129	96.75	97.925	101.95	102.68
00400	PH (STANDARD UNITS)	07/19/60-09/29/97	12	7.4	7.442	7.9	7.1	0.068	0.261	7.13	7.2	7.575	7.9
00400	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	12	7.4	7.379	7.9	7.1	0.072	0.269	7.13	7.2	7.575	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	12	0.04	0.042	0.079	0.013	0.	0.021	0.013	0.027	0.063	0.075
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	11	4.	43.364	428.	2.	16284.455	127.611	2.	2.	9.	344.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-09/29/97	11 ##	0.005	0.009	0.03	0.005	0.	0.008	0.005	0.005	0.012	0.026
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	11 ##	0.005	0.005	0.005	0.003	0.	0.001	0.003	0.005	0.005	0.005
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12	3.5	13.833	92.	1.	693.242	26.329	1.	1.25	12.25	74.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12	0.54	0.662	1.964	0.	0.385	0.621	0.	0.075	1.071	1.834
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.594								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	12	3.25	20.383	200.	1.7	3208.962	56.648	1.76	2.075	5.475	143.9

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Annual Analysis for 1995 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	12	9.55	10.025	14.5	6.	10.135	3.184	6.24	6.975	13.425	14.23
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	12	763.5	762.167	771.	753.	32.879	5.734	753.3	756.25	766.	770.1
00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	12	1767.5	2512.917	9100.	620.	5623338.447	2371.358	647.	1260.	2510.	7879.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	12	73.	73.833	85.	65.	49.061	7.004	65.3	66.5	79.5	84.7
00300	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	12	11.7	11.533	12.4	10.7	0.366	0.605	10.73	10.8	12.025	12.34
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	12	101.55	101.283	107.5	95.9	12.856	3.586	95.93	98.525	104.2	106.75
00400	PH (STANDARD UNITS)	07/19/60-09/29/97	12	7.55	7.492	7.8	7.2	0.044	0.211	7.2	7.25	7.675	7.77
00400	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	12	7.547	7.444	7.8	7.2	0.047	0.217	7.2	7.25	7.675	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	12	0.028	0.036	0.063	0.016	0.	0.018	0.017	0.021	0.057	0.063
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	12	4.	18.667	88.	0.5	1018.015	31.906	0.5	1.25	17.	86.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-09/29/97	12 ##	0.005	0.007	0.025	0.005	0.	0.006	0.005	0.005	0.005	0.021

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Annual Analysis for 1995 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	12 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12	3.	5.208	17.	0.5	34.157	5.844	0.5	0.5	10.5	15.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12	0.349	0.348	1.23	-0.301	0.42	0.648	-0.301	-0.301	1.004	1.195
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.227								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	12	4.2	10.942	45.	0.9	261.377	16.167	0.93	1.725	9.625	45.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	12	7.75	8.358	15.	3.7	12.303	3.508	4.	5.125	10.55	14.46
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	12	759.	759.583	772.	752.	40.629	6.374	752.3	753.25	764.25	770.8
00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	12	1595.	1880.583	4340.	695.	1116338.629	1056.569	758.6	1168.75	2427.5	4010.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	12	73.	73.5	91.	59.	67.909	8.241	60.8	68.25	77.75	88.
00300	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	12	11.6	11.608	12.7	10.3	0.666	0.816	10.33	11.025	12.375	12.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	12	99.2	98.2	101.8	93.6	8.964	2.994	93.72	95.4	100.875	101.74
00400	PH (STANDARD UNITS)	07/19/60-09/29/97	12	7.35	7.35	7.9	6.9	0.054	0.232	6.99	7.225	7.4	7.78
00400	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	12	7.347	7.297	7.9	6.9	0.057	0.238	6.99	7.225	7.4	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	12	0.045	0.05	0.126	0.013	0.001	0.027	0.018	0.04	0.06	0.107
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	12	6.	11.667	68.	1.	332.606	18.237	1.9	5.25	6.75	53.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-09/29/97	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	12 ##	0.003	0.003	0.007	0.003	0.	0.002	0.003	0.003	0.003	0.007
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12	3.5	9.958	72.	0.5	394.294	19.857	0.65	1.25	9.	53.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	12	0.54	0.574	1.857	-0.301	0.341	0.584	-0.211	0.075	0.954	1.613
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.749								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	12	6.65	8.892	26.	2.2	43.984	6.632	2.62	4.25	12.5	22.7

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Annual Analysis for 1997 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	9	8.6	8.144	11.8	3.4	6.105	2.471	3.4	6.6	9.8	11.8
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/29/97	9	761.	760.111	767.	752.	22.111	4.702	752.	756.	763.	767.
00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	9	2000.	2217.222	3480.	1510.	456206.944	675.431	1510.	1630.	2822.5	3480.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	9	65.	66.778	76.	60.	26.444	5.142	60.	62.5	70.5	76.
00300	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	9	11.1	11.233	12.3	10.5	0.388	0.622	10.5	10.65	11.75	12.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	9	94.5	94.678	97.5	92.	3.024	1.739	92.	93.35	96.05	97.5
00400	PH (STANDARD UNITS)	07/19/60-09/29/97	9	7.4	7.356	7.5	7.1	0.023	0.151	7.1	7.2	7.5	7.5
00400	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	9	7.4	7.331	7.5	7.1	0.023	0.153	7.1	7.2	7.5	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	9	0.04	0.047	0.079	0.032	0.	0.017	0.032	0.032	0.063	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/29/97	9	12.	17.111	47.	4.	212.361	14.573	4.	4.5	28.	47.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-09/29/97	9 ##	0.005	0.009	0.02	0.005	0.	0.006	0.005	0.005	0.015	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/29/97	9 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	9	2.	15.556	95.	0.5	933.465	30.553	0.5	0.75	16.	95.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/29/97	9	0.301	0.576	1.978	-0.301	0.604	0.777	-0.301	-0.151	1.182	1.978
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.769								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/29/97	9	11.	16.822	55.	3.	269.307	16.411	3.	6.	24.5	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

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	10	7.7	7.66	11.8	4.4	4.103	2.026	4.54	6.1	8.8	11.53
00060p	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	10	1775.	2602.	9100.	1000.	6125506.667	2474.976	1006.	1202.5	2810.	8624.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	10	78.5	77.2	91.	59.	83.511	9.138	60.2	71.75	82.75	90.7
00300p	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	10	11.75	11.7	12.5	10.6	0.336	0.579	10.64	11.375	12.225	12.48
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	11	96.6	97.109	101.6	93.5	7.947	2.819	93.52	94.	99.1	101.46
00400p	PH (STANDARD UNITS)	07/19/60-09/29/97	10	7.35	7.41	7.9	7.2	0.061	0.247	7.2	7.2	7.625	7.88
00400p	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	10	7.347	7.357	7.9	7.2	0.064	0.253	7.2	7.2	7.625	7.88
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	10	0.045	0.044	0.063	0.013	0.	0.02	0.013	0.024	0.063	0.063
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/09/70	5	0.3	0.32	0.6	0.1	0.037	0.192	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	20	5.9	5.765	7.6	3.4	1.476	1.215	3.75	4.75	6.8	7.29
00060p	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	20	2360.	3402.75	18600.	1150.	14210864.408	3769.73	1424.	1948.75	3056.25	6065.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	20	68.5	68.	81.	40.	74.105	8.608	57.6	65.	72.75	77.9
00300p	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	19	12.3	12.274	13.2	11.7	0.133	0.365	11.8	12.	12.5	12.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	20	97.65	97.565	102.8	92.	8.251	2.872	92.85	96.	99.275	102.22
00400p	PH (STANDARD UNITS)	07/19/60-09/29/97	20	7.2	7.27	7.6	6.9	0.025	0.159	7.1	7.2	7.4	7.49
00400p	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	20	7.2	7.242	7.6	6.9	0.026	0.162	7.1	7.2	7.4	7.49
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	20	0.063	0.057	0.126	0.025	0.	0.022	0.032	0.04	0.063	0.079
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/09/70	9	0.3	0.278	0.5	0.1	0.014	0.12	0.1	0.2	0.35	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	21	10.7	10.51	15.	5.7	6.271	2.504	7.	8.05	12.25	13.52
00060p	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	21	1650.	1889.524	3480.	1200.	536427.262	732.412	1227.	1405.	2080.	3432.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	21	71.	71.762	84.	60.	48.39	6.956	62.4	65.5	77.5	82.
00300p	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	21	11.1	11.162	12.4	10.2	0.368	0.607	10.3	10.7	11.7	12.02
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	19	100.5	99.837	107.5	93.4	13.642	3.694	94.5	96.8	102.4	105.
00400p	PH (STANDARD UNITS)	07/19/60-09/29/97	21	7.5	7.486	7.9	7.1	0.052	0.229	7.2	7.35	7.55	7.9
00400p	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	21	7.5	7.434	7.9	7.1	0.055	0.235	7.2	7.35	7.55	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	21	0.032	0.037	0.079	0.013	0.	0.017	0.013	0.028	0.045	0.063
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/09/70	11	0.1	0.155	0.4	0.	0.023	0.151	0.	0.	0.3	0.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0245

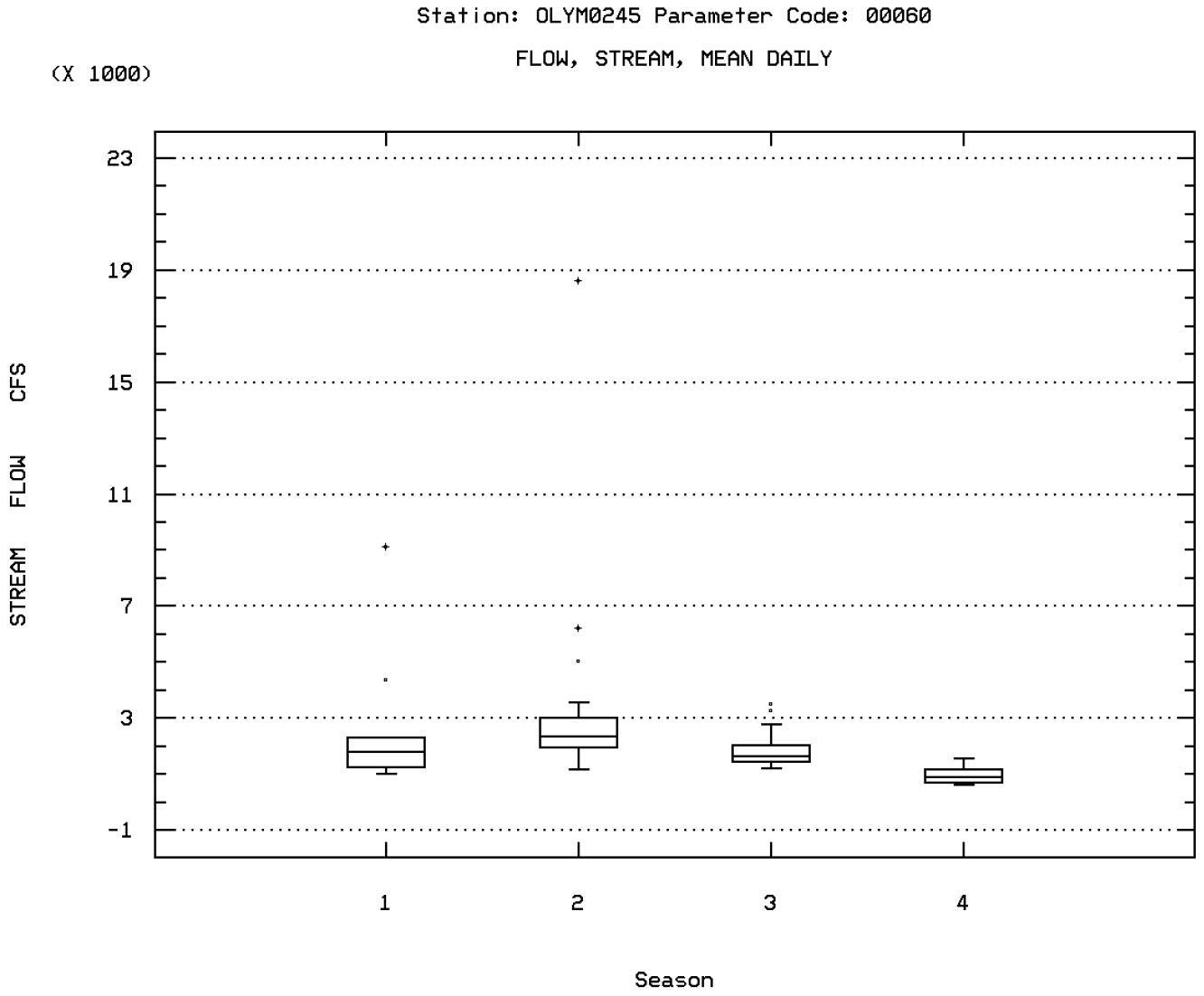
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-09/29/97	11	12.	12.427	17.	9.1	5.432	2.331	9.26	9.9	14.	16.5
00060p	FLOW, STREAM, MEAN DAILY CFS	07/19/60-09/29/97	12	876.	973.583	1560.	620.	110752.992	332.796	635.9	678.5	1200.	1545.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/29/97	12	75.5	74.833	85.	60.	67.424	8.211	60.3	71.25	81.75	84.4
00300p	OXYGEN, DISSOLVED MG/L	07/19/60-09/29/97	12	10.8	10.8	11.5	10.2	0.164	0.405	10.26	10.425	11.075	11.47
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/15/77-09/29/97	9	100.7	99.944	104.5	94.1	11.188	3.345	94.1	97.35	102.2	104.5
00400p	PH (STANDARD UNITS)	07/19/60-09/29/97	12	7.5	7.508	7.7	7.4	0.012	0.108	7.4	7.4	7.6	7.67
00400p	CONVERTED PH (STANDARD UNITS)	07/19/60-09/29/97	12	7.5	7.496	7.7	7.4	0.012	0.109	7.4	7.4	7.6	7.67
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-09/29/97	12	0.032	0.032	0.04	0.02	0.	0.008	0.022	0.025	0.04	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/09/70	7	0.1	0.157	0.4	0.	0.016	0.127	**	**	**	**

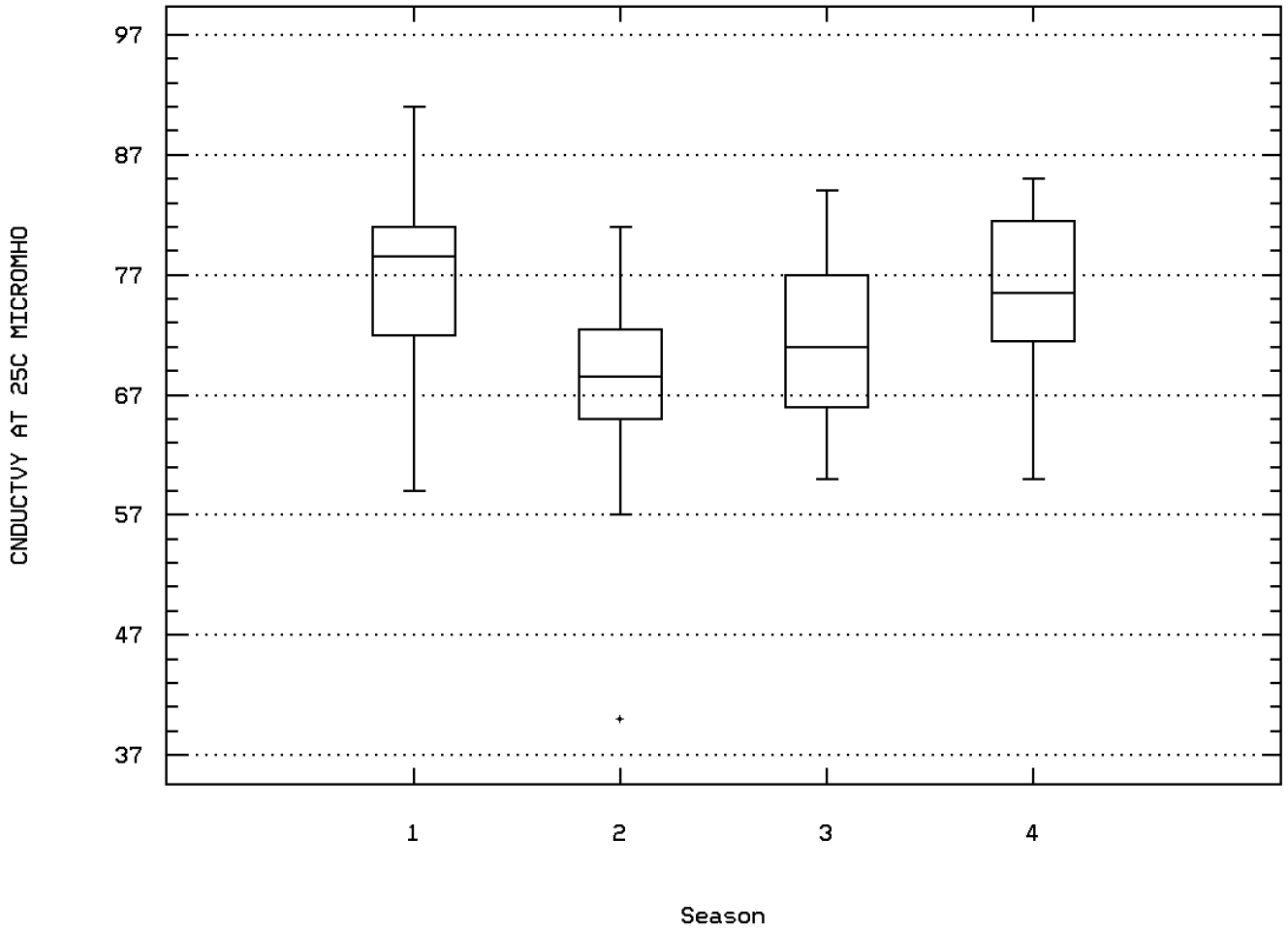
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



HOH RIVER AT DNR CAMPGROUND

Station: OLYM0245 Parameter Code: 00095

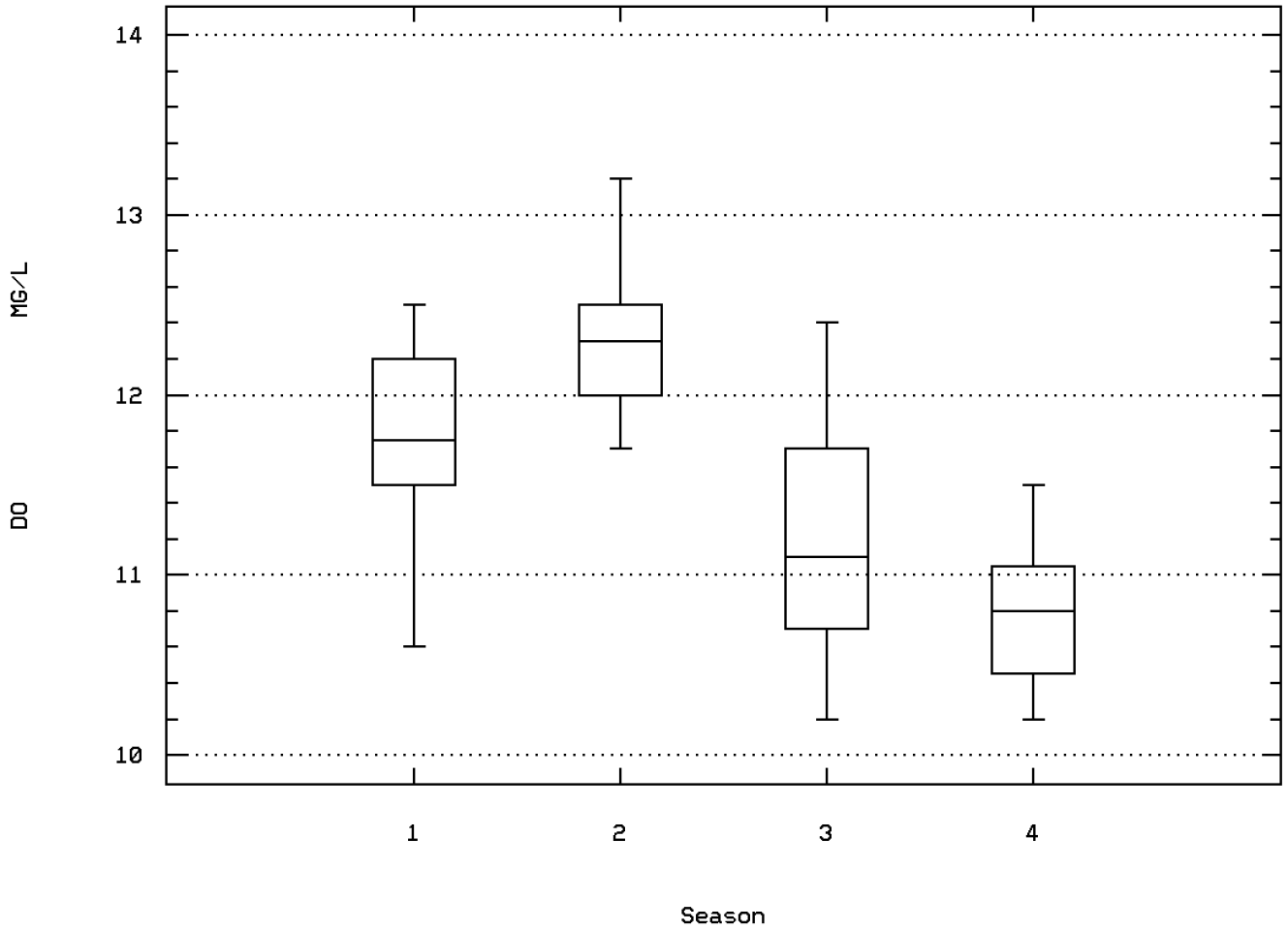
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



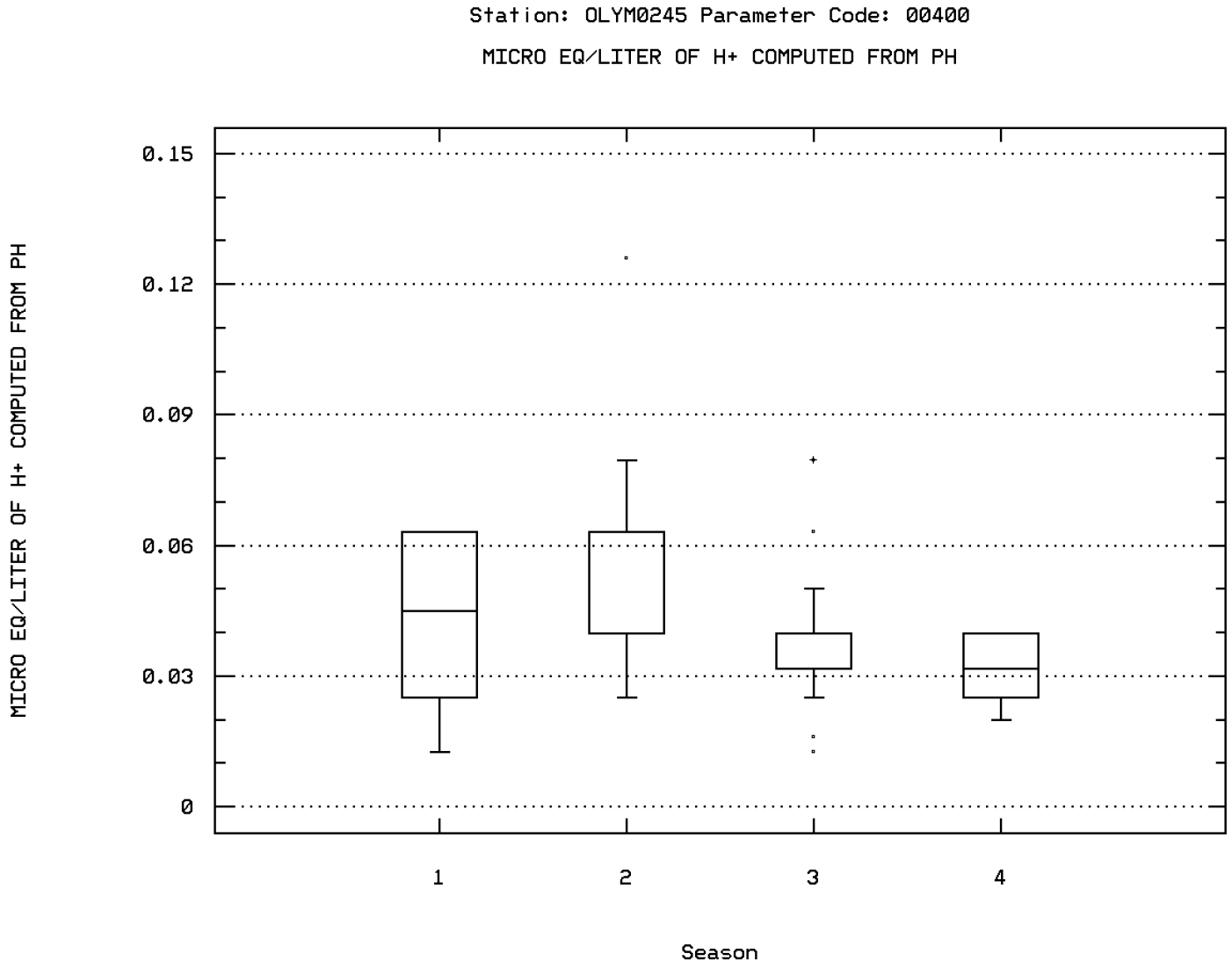
HOH RIVER AT DNR CAMPGROUND

Station: OLYM0245 Parameter Code: 00300

OXYGEN, DISSOLVED



HOH RIVER AT DNR CAMPGROUND



HOH RIVER AT DNR CAMPGROUND

Station Inventory for Station: OLYM0246

NPS Station ID: OLYM0246
LAT/LON: 47.806948/-124.250005
Agency: 112WRD
Date Created: / /
Location: HOH RIVER NEAR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 15.420
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/78-09/19/78	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/19/60-07/19/60	1	1680.	1680.	1680.	1680.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/19/78-09/19/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-09/19/78	2	72.	72.	77.	67.	50.	7.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/19/78-09/19/78	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/19/78-09/19/78	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/19/78-09/19/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/60-07/19/60	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/19/60-07/19/60	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-07/19/60	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/78-09/19/78	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/19/60-07/19/60	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/19/78-09/19/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/19/78-09/19/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/78-09/19/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/19/60-07/19/60	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/60-09/19/78	2	32.	32.	36.	28.	32.	5.657	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/19/60-09/19/78	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/60-09/19/78	2	11.25	11.25	13.	9.5	6.125	2.475	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/60-09/19/78	2	1.05	1.05	1.2	0.9	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/60-09/19/78	2	1.7	1.7	2.	1.4	0.18	0.424	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/19/78-09/19/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/19/78-09/19/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/60-09/19/78	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/60-09/19/78	2	1.4	1.4	2.	0.8	0.72	0.849	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/60-09/19/78	2	9.	9.	11.	7.	8.	2.828	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/60-07/19/60	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/60-09/19/78	2	4.45	4.45	5.2	3.7	1.125	1.061	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/19/60-07/19/60	1	42.	42.	42.	42.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/78-09/19/78	1	51.	51.	51.	51.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/19/78-09/19/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/60-07/19/60	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/19/78-09/19/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0246

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0247

NPS Station ID: OLYM0247 LAT/LON: 48.223615/-124.252782 Agency: 112WRD Date Created: / /
Location: CLALLAM RIVER NEAR CLALLAM BAY, WASH. FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12043350
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110021013 RF1 Mile Point: 1.130 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0247

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/68-06/25/68	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	02/12/68-02/12/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	02/12/68-06/25/68	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/12/68-06/25/68	2	70.	70.	79.	61.	162.	12.728	**	**	**	**
00400	PH (STANDARD UNITS)	02/12/68-06/25/68	2	7.2	7.2	7.4	7.	0.08	0.283	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/12/68-06/25/68	2	7.155	7.155	7.4	7.	0.084	0.29	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/12/68-06/25/68	2	0.07	0.07	0.1	0.04	0.002	0.043	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/12/68-06/25/68	2	24.5	24.5	30.	19.	60.5	7.778	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/12/68-06/25/68	2	29.5	29.5	36.	23.	84.5	9.192	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/12/68-06/25/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/12/68-06/25/68	2	24.	24.	28.	20.	32.	5.657	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/12/68-06/25/68	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/12/68-06/25/68	2	6.9	6.9	8.2	5.6	3.38	1.838	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/12/68-06/25/68	2	1.7	1.7	1.9	1.5	0.08	0.283	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/12/68-06/25/68	2	4.1	4.1	4.6	3.6	0.5	0.707	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/12/68-06/25/68	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	02/12/68-06/25/68	2	27.	27.	28.	26.	2.	1.414	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/12/68-06/25/68	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/12/68-06/25/68	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/68-06/25/68	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/12/68-06/25/68	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/12/68-06/25/68	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/12/68-06/25/68	2	15.	15.	30.	0.	450.	21.213	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/12/68-06/25/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/12/68-06/25/68	2	45.5	45.5	48.	43.	12.5	3.536	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/25/68-06/25/68	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/12/68-06/25/68	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/12/68-06/25/68	2	0.45	0.45	0.8	0.1	0.245	0.495	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0247

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0248

NPS Station ID: OLYM0248
LAT/LON: 47.549448/-124.276392
Agency: 21540000
Date Created: / /
Location: QUEETS R ABV CLEARWTR NR QUEETS
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 21A090 /3121A090 /12039900
RMI-Indexes: 1312055
Within Park Boundary: No
RMI-Miles: 0006.90
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COASTAL (QUEETS QUINAULT-21)
ECO Region:
RF1 Index: 17100102036
RF1 Mile Point: 6.604
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
STATION LOCATED ON THE QUEETS RIVER ON THE CLEARWATER RD BRIDGE CROSSING JUST UPSTREAM FROM THE CLEARWATER RIVER CONFLUENCE
SOUTHWEST REGION 15 QUAD- DESTRUCTION ISLAND
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 50

Parameter Inventory for Station: OLYM0248

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: OLYM0249

NPS Station ID: OLYM0249 LAT/LON: 47.549448/-124.276392 Agency: 112WRD Date Created: / /
Location: QUEETS RIVER ABV CLEARWATER RIV NR QUEETS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12039900
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100102 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100102036 RF1 Mile Point: 6.604 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/29/72-09/17/74	12	7.	9.383	16.5	5.3	15.745	3.968	5.54	6.4	13.825	15.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/29/72-09/17/74	12	7.	12.25	55.	2.	212.205	14.567	2.3	4.25	15.	44.5
00080	COLOR (PLATINUM-COBALT UNITS)	11/29/72-09/17/74	12	30.	32.5	72.	0.	445.727	21.112	2.7	18.25	49.25	66.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/72-09/17/74	12	61.	57.333	71.	34.	146.242	12.093	36.7	46.25	67.25	70.7
00300	OXYGEN, DISSOLVED MG/L	11/29/72-09/17/74	12	11.95	11.892	12.9	10.	0.788	0.888	10.3	11.3	12.675	12.87
00400	PH (STANDARD UNITS)	11/29/72-09/17/74	12	7.35	7.292	7.7	6.9	0.057	0.239	6.93	7.05	7.475	7.64
00400	CONVERTED PH (STANDARD UNITS)	11/29/72-09/17/74	12	7.347	7.231	7.7	6.9	0.061	0.247	6.93	7.05	7.475	7.64
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/29/72-09/17/74	12	0.045	0.059	0.126	0.02	0.001	0.033	0.023	0.034	0.091	0.118
00405	CARBON DIOXIDE (MG/L AS CO2)	11/29/72-09/25/73	6	2.2	2.367	4.3	1.	1.755	1.325	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	6	21.5	20.	26.	13.	22.	4.69	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/29/72-09/25/73	6	26.5	24.5	32.	16.	34.7	5.891	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/29/72-09/17/74	12	0.085	0.097	0.24	0.01	0.006	0.079	0.013	0.033	0.153	0.24
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	4	0.007	0.009	0.02	0.003	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	6	0.05	0.058	0.1	0.02	0.001	0.031	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	6	0.05	0.048	0.08	0.01	0.001	0.029	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/29/72-09/17/74	12	0.	0.008	0.03	0.	0.	0.012	0.	0.	0.018	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/72-09/17/74	12	0.02	0.032	0.15	0.005	0.002	0.039	0.007	0.011	0.038	0.119
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/72-09/17/74	12 ##	0.005	0.005	0.01	0.001	0.	0.002	0.001	0.004	0.005	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	6	23.	21.167	26.	13.	22.967	4.792	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/29/72-09/25/73	6	1.5	1.167	2.	0.	0.967	0.983	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/29/72-09/25/73	6	8.2	7.367	9.1	4.2	3.435	1.853	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/72-09/25/73	6	0.65	0.683	0.8	0.6	0.01	0.098	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/29/72-09/25/73	6	2.2	2.217	2.7	1.8	0.114	0.337	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/29/72-09/25/73	6	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/29/72-09/25/73	6	19.	18.667	24.	14.	17.067	4.131	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/29/72-09/25/73	6	0.35	0.533	1.	0.3	0.107	0.327	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/29/72-09/25/73	6	2.	2.333	3.	2.	0.267	0.516	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	6	6.5	6.333	8.	4.	1.867	1.366	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/29/72-09/17/74	12	200.	210.833	480.	80.	17281.061	131.457	80.	105.	242.5	471.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/29/72-09/17/74	12	2.301	2.253	2.681	1.903	0.066	0.257	1.903	2.02	2.384	2.673
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			179.176								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0249

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	1	0.08	2	0	0.00	4	1	0.25	4	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00400	PH	Fresh Chronic	9.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0250

NPS Station ID: OLYM0250
LAT/LON: 47.786670/-124.279727
Agency: 112WRD
Date Created: 12/11/78
Location: HOH RIVER AT MILE 12.0 NR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041206
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 12.270
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/78-09/20/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/78-09/20/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/78-09/20/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/78-09/20/78	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/20/78-09/20/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/78-09/20/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/78-09/20/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/78-09/20/78	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	34.	34.	34.	34.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.531	1.531	1.531	1.531	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			34.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/78-09/20/78	1	51.	51.	51.	51.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/78-09/20/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0250

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0251

NPS Station ID: OLYM0251
LAT/LON: 47.783615/-124.283892
Agency: 112WRD
Date Created: 03/16/79
Location: LOST CREEK AT MOUTH NR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041209
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 11.780
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/20/78-09/20/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	87.	87.	87.	87.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.94	1.94	1.94	1.94	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			87.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0251

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0252

NPS Station ID: OLYM0252 LAT/LON: 48.176670/-124.291671 Agency: 21540000 Date Created: / /
Location: STRAIT OF JUAN DE FUCA AT SEKIU FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): JDF003
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COASTAL (LYRE HOKO-19) ECO Region:
RF1 Index: 17110021013 RF1 Mile Point: 8.790 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED 100 YARDS ON THE STRAIT SIDE OF THE BREAK WATER AT SEKIU SOUTHWEST REGION
15 QUAD- CLALLAM BAY

Parameter Inventory for Station: OLYM0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/67-09/16/70	48	10.5	10.5	20.	1.	92.17	9.601	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-09/16/70	48	9.7	9.662	12.7	3.	2.772	1.665	7.67	9.025	10.85	11.54
00025	BAROMETRIC PRESSURE (MM OF HG)	09/26/67-09/16/70	22	766.	765.409	776.	753.	32.063	5.662	758.3	760.75	769.5	773.8
00035	WIND VELOCITY (MILES PER HOUR)	09/26/67-09/16/70	24	5.5	7.625	20.	2.	25.723	5.072	2.	5.	10.	17.5
00065	STAGE, STREAM (FEET)	09/26/67-09/16/70	24	4.8	5.754	11.7	2.1	9.611	3.1	2.25	3.225	7.875	10.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/27/68-09/16/70	46	2.	2.217	8.	1.	2.618	1.618	1.	1.	3.	4.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/67-05/18/70	15	37.	36.4	39.	34.	3.829	1.957	34.	34.	38.	39.
00300	OXYGEN, DISSOLVED MG/L	09/26/67-09/16/70	46	8.15	7.883	12.6	3.3	3.619	1.902	5.31	6.8	8.8	10.53
00400	PH (STANDARD UNITS)	09/26/67-09/16/70	48	7.9	7.885	8.3	7.7	0.017	0.132	7.7	7.8	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/26/67-09/16/70	48	7.9	7.867	8.3	7.7	0.018	0.133	7.7	7.8	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/67-09/16/70	48	0.013	0.014	0.02	0.005	0.	0.004	0.008	0.013	0.016	0.02
00480	SALINITY - PARTS PER THOUSAND	09/26/67-09/16/70	48	29.25	29.61	36.2	24.2	6.629	2.575	26.38	28.3	30.8	34.52
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	46	4.5	10.	82.	0.	287.6	16.959	0.	2.	12.75	19.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/26/67-09/16/70	24	1.	6.583	32.	0.	95.036	9.749	0.	0.	11.5	26.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/26/67-09/16/70	24	0.	0.47	1.505	0.	0.336	0.579	0.	0.	1.059	1.423
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.951								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0252

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	46	0	0.00	2	0	0.00	16	0	0.00	20	0	0.00	8	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	46	1	0.02	2	0	0.00	16	0	0.00	18	0	0.00	10	1	0.10
00400	PH	Marine Chronic	8.5	48	0	0.00	2	0	0.00	16	0	0.00	20	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	48	0	0.00	2	0	0.00	16	0	0.00	20	0	0.00	10	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	24	0	0.00	1	0	0.00	7	0	0.00	10	0	0.00	6	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0253

NPS Station ID: OLYM0253
LAT/LON: 47.875005/-124.293616
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R AT RM 19.5
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475230124173701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	10.8	10.8	11.8	9.8	2.	1.414	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	79.5	79.5	80.	79.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.2	11.2	11.8	10.6	0.72	0.849	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.07	0.07	0.11	0.03	0.003	0.057	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	26.	26.	36.	16.	200.	14.142	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.38	1.38	1.556	1.204	0.062	0.249	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			24.								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0253

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0254

NPS Station ID: OLYM0254 LAT/LON: 47.583338/-124.294449 Agency: 112WRD Date Created: / /
Location: CLEARWATER RIVER NR CLEARWATER, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12040000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100102 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100102050 RF1 Mile Point: 3.360 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/29/72-09/17/74	11	7.1	9.873	19.4	5.9	22.97	4.793	5.96	6.3	13.6	18.76
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/29/72-09/17/74	11	3.	12.182	80.	1.	532.564	23.077	1.	2.	15.	67.
00080	COLOR (PLATINUM-COBALT UNITS)	11/29/72-09/17/74	11	29.	29.273	73.	2.	362.018	19.027	4.2	15.	39.	67.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/72-09/17/74	11	60.	59.909	94.	13.	518.491	22.77	19.	45.	83.	92.2
00300	OXYGEN, DISSOLVED MG/L	11/29/72-09/17/74	11	12.	11.655	12.8	8.5	1.893	1.376	8.9	10.6	12.8	12.8
00400	PH (STANDARD UNITS)	11/29/72-09/17/74	11	7.2	7.227	7.6	6.9	0.04	0.2	6.92	7.1	7.3	7.58
00400	CONVERTED PH (STANDARD UNITS)	11/29/72-09/17/74	11	7.2	7.187	7.6	6.9	0.042	0.205	6.92	7.1	7.3	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/29/72-09/17/74	11	0.063	0.065	0.126	0.025	0.001	0.029	0.026	0.05	0.079	0.121
00405	CARBON DIOXIDE (MG/L AS CO2)	11/29/72-09/25/73	6	2.4	2.25	3.2	1.4	0.523	0.723	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	6	20.	19.667	29.	13.	34.267	5.854	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/29/72-09/25/73	6	24.	23.833	35.	16.	48.967	6.998	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/29/72-09/17/74	11	0.07	0.1	0.43	0.02	0.013	0.115	0.02	0.04	0.11	0.368
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	4	0.005	0.01	0.03	0.002	0.	0.013	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	6	0.065	0.072	0.15	0.02	0.002	0.046	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	5	0.11	0.082	0.12	0.02	0.002	0.044	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/73-09/17/74	10	0.01	0.01	0.03	0.	0.	0.011	0.	0.	0.02	0.029
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/72-09/17/74	11	0.017	0.031	0.14	0.005	0.002	0.04	0.005	0.006	0.03	0.125
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/72-09/17/74	11	0.005	0.005	0.01	0.002	0.	0.003	0.002	0.004	0.006	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	6	22.	21.333	29.	12.	41.467	6.439	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/29/72-09/25/73	6	1.5	1.833	5.	0.	3.767	1.941	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/29/72-09/25/73	6	6.95	6.8	9.3	3.6	4.924	2.219	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/72-09/25/73	6	1.05	1.017	1.3	0.7	0.054	0.232	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/29/72-09/25/73	6	3.3	3.367	4.1	2.6	0.347	0.589	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/29/72-09/25/73	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/29/72-09/25/73	6	25.	25.333	30.	22.	8.667	2.944	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/29/72-09/25/73	6	0.55	0.733	1.4	0.4	0.151	0.388	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/29/72-09/25/73	6	3.	3.167	4.	3.	0.167	0.408	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	6	8.	8.333	11.	5.	4.267	2.066	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/29/72-09/17/74	11	200.	199.636	400.	40.	14325.455	119.689	45.2	100.	310.	392.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/29/72-09/17/74	11	2.301	2.211	2.602	1.602	0.099	0.315	1.646	2.	2.491	2.593
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			162.531								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0254

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	11	1	0.09	2	0	0.00	4	1	0.25	3	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
00400	PH	Fresh Chronic	9.	11	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0255

NPS Station ID: OLYM0255
LAT/LON: 47.579170/-124.300004
Agency: 112WRD
Date Created: / /
Location: CLEARWATER RIVER NR QUEETS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12040002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100102050
RF1 Mile Point: 3.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/29/72-09/17/74	12	7.2	10.225	19.4	5.9	22.371	4.73	5.99	6.425	13.975	18.44
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/29/72-09/17/74	12	2.5	11.333	80.	1.	492.788	22.199	1.	2.	13.	60.5
00080	COLOR (PLATINUM-COBALT UNITS)	11/29/72-09/17/74	12	25.	28.5	73.	2.	336.273	18.338	5.3	16.25	37.75	64.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/72-09/17/74	12	62.	60.833	94.	13.	481.606	21.946	22.	46.75	80.	91.3
00300	OXYGEN, DISSOLVED MG/L	11/29/72-09/17/74	12	11.95	11.583	12.8	8.5	1.782	1.335	9.1	10.65	12.775	12.8
00400	PH (STANDARD UNITS)	11/29/72-09/17/74	12	7.2	7.233	7.6	6.9	0.037	0.192	6.93	7.125	7.3	7.57
00400	CONVERTED PH (STANDARD UNITS)	11/29/72-09/17/74	12	7.2	7.196	7.6	6.9	0.039	0.196	6.93	7.125	7.3	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/29/72-09/17/74	12	0.063	0.064	0.126	0.025	0.001	0.028	0.027	0.05	0.075	0.118
00405	CARBON DIOXIDE (MG/L AS CO2)	11/29/72-09/25/73	6	2.4	2.25	3.2	1.4	0.523	0.723	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	6	20.	19.667	29.	13.	34.267	5.854	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/29/72-09/25/73	6	24.	23.833	35.	16.	48.967	6.998	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/29/72-09/17/74	12	0.065	0.097	0.43	0.02	0.012	0.11	0.02	0.043	0.11	0.337
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	4	0.005	0.01	0.03	0.002	0.	0.013	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	6	0.065	0.072	0.15	0.02	0.002	0.046	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	6	0.08	0.07	0.12	0.01	0.002	0.049	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/29/72-09/17/74	12	0.01	0.011	0.03	0.	0.	0.012	0.	0.	0.02	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/72-09/17/74	12	0.017	0.029	0.14	0.005	0.001	0.039	0.005	0.007	0.03	0.117
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/72-09/17/74	12	0.005	0.005	0.01	0.002	0.	0.002	0.002	0.004	0.006	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	6	22.	21.333	29.	12.	41.467	6.439	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/29/72-09/25/73	6	1.5	1.833	5.	0.	3.767	1.941	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/29/72-09/25/73	6	6.95	6.8	9.3	3.6	4.924	2.219	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/72-09/25/73	6	1.05	1.017	1.3	0.7	0.054	0.232	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/29/72-09/25/73	6	3.3	3.367	4.1	2.6	0.347	0.589	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/29/72-09/25/73	6	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/29/72-09/25/73	6	25.	25.333	30.	22.	8.667	2.944	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/29/72-09/25/73	6	0.55	0.733	1.4	0.4	0.151	0.388	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/29/72-09/25/73	6	3.	3.167	4.	3.	0.167	0.408	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	6	8.	8.333	11.	5.	4.267	2.066	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/29/72-09/17/74	12	210.	231.333	580.	40.	25079.515	158.365	47.8	105.	347.5	526.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/29/72-09/17/74	12	2.322	2.257	2.763	1.602	0.116	0.34	1.667	2.02	2.54	2.715
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			180.708								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0255

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	1	0.08	2	0	0.00	4	1	0.25	4	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00400	PH	Fresh Chronic	9.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0256

NPS Station ID: OLYM0256 | LAT/LON: 47.579170/-124.300004 | Agency: 21540000 | Date Created: / /
Location: CLEARWATER RIVER NEAR QUEETS | FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 21C070 /3121C070 /12040000
RMI-Indexes: 1312055 000050 | Within Park Boundary: No
RMI-Miles: 0006.20 0003.60
HUC: 17100102 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: COASTAL (QUEETS QUINAULT-21) | ECO Region:
RF1 Index: 17100102050 | RF1 Mile Point: 3.010 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
STATION LOCATED ON THE CLEARWATER RIVER APPROX. 3 MILES UPSTREAM FROM THE CONFLUENCE WITH THE QUEETS RIVER ON A RAYONIER CO. BRIDGE AT THE TOWN OF CLEARWATER SOUTHWEST REGION
15 QUAD- DESTRUCTION ISLAND ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 80

Parameter Inventory for Station: OLYM0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/74-07/23/74	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/23/74-07/23/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/74-07/23/74	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/74-07/23/74	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/23/74-07/23/74	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/23/74-07/23/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/23/74-07/23/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/23/74-07/23/74	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	07/23/74-07/23/74	1	580.	580.	580.	580.	0.	0.	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	07/23/74-07/23/74	1	2.763	2.763	2.763	2.763	0.	0.	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			580.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0256

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0257

NPS Station ID: OLYM0257
LAT/LON: 47.538892/-124.313893
Agency: 21540000
Date Created: 12/06/77
Location: QUEETS RIVER NEAR CLEARWATER
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 21A080 /3121A080 /12040500
RMI-Indexes: 1312055
Within Park Boundary: No
RMI-Miles: 0004.60
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COASTAL (QUEETS QUINAULT-21)
ECO Region:
RF1 Index: 17100102036
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED AT THE GAGING STATION ON THE RIGHT BANK 2.4 MILES DOWNSTREAM FROM THE MOUTH OF THE CLEARWATER RIVER, .8 MILE EAST OF QUEETS
SOUTHWEST REGION 15 QUAD- DESTRUCTION ISLAND
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 40

Parameter Inventory for Station: OLYM0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/20/78-12/11/80	7	13.3	11.5	17.7	3.8	31.027	5.57	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/15/78-08/08/79	5	1710.	1563.6	2470.	698.	436244.8	660.488	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/20/78-08/08/79	6	1720.	1619.667	2470.	698.	367856.667	606.512	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/20/78-12/11/80	2	1.05	1.05	1.1	1.	0.005	0.071	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/20/78-08/08/79	6	1.65	1.983	4.4	0.6	1.814	1.347	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/20/78-12/11/80	7	71.	69.286	80.	57.	79.905	8.939	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/20/78-08/08/79	6	10.55	10.867	13.	9.8	1.247	1.117	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/24/78-01/14/81	23	98.2	97.57	107.5	87.7	27.91	5.283	88.94	93.8	100.6	105.36
00400	PH (STANDARD UNITS)	06/20/78-12/11/80	7	7.4	7.371	7.8	6.9	0.079	0.281	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/20/78-12/11/80	7	7.4	7.291	7.8	6.9	0.087	0.294	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/20/78-12/11/80	7	0.04	0.051	0.126	0.016	0.001	0.036	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/20/78-10/09/80	7	19.	19.	22.	17.	2.667	1.633	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/20/78-06/20/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	11/15/78-07/18/79	2	0.628	0.628	1.02	0.236	0.307	0.554	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	11/15/78-07/18/79	2	1.185	1.185	2.13	0.24	1.786	1.336	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/20/78-08/08/79	6	0.09	0.157	0.46	0.04	0.025	0.157	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/20/78-12/11/80	7	0.07	0.111	0.3	0.03	0.009	0.095	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/20/78-12/11/80	7	0.01	0.007	0.02	0.	0.	0.008	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/20/78-08/08/79	6	0.125	0.127	0.22	0.02	0.005	0.073	**	**	**	**
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	06/20/78-08/08/79	6	0.015	0.027	0.09	0.	0.001	0.036	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/20/78-12/11/80	7	0.07	0.119	0.31	0.03	0.01	0.098	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/20/78-12/11/80	7	0.01	0.033	0.15	0.	0.003	0.053	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/20/78-12/11/80	7	0.01	0.017	0.05	0.	0.	0.016	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/20/78-08/08/79	6	0.01	0.012	0.02	0.	0.	0.008	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/20/78-12/11/80	6	1.	3.317	13.	0.5	23.662	4.864	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/18/79-07/18/79	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	07/18/79-07/18/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/20/78-12/11/80	7	28.	29.143	35.	26.	10.476	3.237	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/20/78-01/14/81	9	9.	8.778	11.	7.	2.694	1.641	7.	7.	10.5	11.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/20/78-12/11/80	7	10.	10.114	12.	9.	1.105	1.051	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/78-12/11/80	7	0.9	0.943	1.2	0.6	0.043	0.207	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/20/78-12/11/80	7	2.7	2.643	3.3	1.6	0.313	0.559	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/20/78-08/08/79	6	0.2	0.233	0.3	0.2	0.003	0.052	**	**	**	**
00932	SODIUM, PERCENT	06/20/78-08/08/79	6	16.5	17.5	21.	16.	4.3	2.074	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/20/78-12/11/80	7	0.3	0.257	0.4	0.	0.016	0.127	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/20/78-12/11/80	7	2.	2.329	5.	0.3	2.022	1.422	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/20/78-12/11/80	7	9.	10.	16.	7.	9.667	3.109	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/20/78-08/08/79	6	0.05	0.05	0.1	0.	0.003	0.055	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/20/78-08/08/79	6	5.2	5.15	6.	4.	0.467	0.683	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/18/79-07/18/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/18/79-07/18/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/18/79-07/18/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/18/79-07/18/79	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01036	COBALT, SUSPENDED (UG/L AS CO)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	07/18/79-07/18/79	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/18/79-07/18/79	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	07/18/79-07/18/79	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/18/79-07/18/79	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/18/79-07/18/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	07/18/79-07/18/79	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/18/79-07/18/79	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/18/79-07/18/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01076	SILVER, SUSPENDED (UG/L AS AG)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/18/79-07/18/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	07/18/79-07/18/79	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/18/79-07/18/79	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01146	SELENIUM, SUSPENDED (UG/L AS SE)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/20/78-08/08/79	6	5.5	9.833	31.	2.	122.167	11.053	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	06/20/78-08/08/79	6	0.69	0.788	1.491	0.301	0.205	0.452	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.14								
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	06/20/78-06/20/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31672	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	06/20/78-06/20/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31672	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			1.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/20/78-08/08/79	6	1.	14.75	74.	0.5	858.975	29.308	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/20/78-08/08/79	6	0.	0.435	1.869	-0.301	0.707	0.841	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2.722								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/20/78-12/11/80	7	43.	43.857	55.	37.	34.143	5.843	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/20/78-08/08/79	6	42.	43.167	52.	39.	23.367	4.834	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	06/20/78-06/20/78	1	215.	215.	215.	215.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/20/78-08/08/79	6	0.06	0.057	0.06	0.05	0.	0.005	**	**	**	**
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	06/20/78-08/08/79	6	86.5	84.167	91.	72.	55.767	7.468	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	11/15/78-07/18/79	2	0.5	0.5	0.8	0.2	0.18	0.424	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	11/15/78-07/18/79	2	0.2	0.2	0.4	0.	0.08	0.283	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/20/78-08/08/79	6	0.4	0.683	2.	0.2	0.458	0.677	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/18/79-07/18/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	07/18/79-07/18/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/18/79-07/18/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	06/20/78-08/08/79	6	3.	3.	4.	2.	0.4	0.632	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	06/20/78-06/20/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0257

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00				1	0	0.00	1	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	1	0	0.00				4	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00				4	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	7	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	250.	7	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	1	0	0.00				4	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01076	SILVER, SUSPENDED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0257

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	6	0	0.00	1	0	0.00				4	0	0.00	1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0258

NPS Station ID: OLYM0258
LAT/LON: 47.538892/-124.313893
Agency: 112WRD
Date Created: 01/14/78
Location: QUEETS RIVER NEAR CLEARWATER, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12040500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100102036
RF1 Mile Point: 4.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	176	9.75	10.198	18.6	3.4	16.711	4.088	4.9	6.025	13.6	15.7
00025	BAROMETRIC PRESSURE (MM OF HG)	11/18/82-07/20/93	43	765.	764.326	777.	741.	41.511	6.443	756.2	760.	768.	771.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/15/77-07/20/93	94	1972.5	3326.894	45000.	106.	27586298.161	5252.266	419.5	1100.	3412.5	6560.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/15/77-05/19/78	6	2.5	8.333	35.	2.	173.067	13.155	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/78-07/20/93	73	3.	9.647	320.	0.4	1427.197	37.778	0.94	1.75	6.2	12.
00080	COLOR (PLATINUM-COBALT UNITS)	11/15/77-11/15/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	170	65.	64.776	88.	7.	101.926	10.096	50.2	61.	71.	75.
00300p	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	177	11.2	11.287	13.8	0.	1.822	1.35	9.9	10.75	12.1	12.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/13/85-11/13/85	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	10/23/79-10/23/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	11/15/77-07/20/93	159	7.34	7.338	8.3	6.3	0.07	0.264	7.1	7.2	7.51	7.58
00400p	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	159	7.34	7.245	8.3	6.3	0.078	0.28	7.1	7.2	7.51	7.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	159	0.046	0.057	0.501	0.005	0.003	0.055	0.026	0.031	0.063	0.079
00403	PH, LAB, STANDARD UNITS SU	10/09/80-07/20/93	54	7.65	7.615	8.3	6.8	0.127	0.356	7.15	7.375	7.9	8.05
00403	CONVERTED PH, LAB, STANDARD UNITS	10/09/80-07/20/93	54	7.647	7.463	8.3	6.8	0.15	0.387	7.15	7.375	7.9	8.05
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/80-07/20/93	54	0.023	0.034	0.158	0.005	0.001	0.034	0.009	0.013	0.042	0.071
00405	CARBON DIOXIDE (MG/L AS CO2)	11/15/77-05/19/78	6	1.7	3.1	8.	0.9	7.644	2.765	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/15/77-03/23/93	39	20.	19.385	39.	0.	44.664	6.683	11.	16.	21.	26.
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	03/23/93-03/23/93	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/04/80-06/04/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/15/77-05/19/78	6	24.5	23.5	26.	17.	11.5	3.391	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/15/77-05/19/78	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	03/23/93-03/23/93	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	03/23/93-03/23/93	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/17/87-07/20/93	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/17/87-07/20/93	21	25.	23.857	33.	0.	54.629	7.391	15.6	21.	29.5	31.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/31/78-09/27/78	8	9.	9.625	17.	3.	32.839	5.731	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	05/19/78-10/23/79	6	4.885	20.957	107.	0.55	1781.324	42.206	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	05/19/78-10/23/79	6	5.235	21.688	108.	0.87	1794.745	42.364	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	01/31/78-09/11/81	30	0.36	0.438	1.1	0.07	0.063	0.25	0.161	0.23	0.613	0.779
00602	NITROGEN, DISSOLVED (MG/L AS N)	09/12/79-09/11/81	16	0.52	0.534	0.9	0.27	0.025	0.159	0.319	0.448	0.598	0.802
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/31/78-09/11/81	30	0.275	0.32	0.99	0.03	0.057	0.238	0.052	0.133	0.5	0.686
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/23/79-09/11/81	15	0.35	0.406	0.77	0.22	0.022	0.149	0.244	0.28	0.51	0.674
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/23/79-07/20/93	63	0.02	0.028	0.1	0.005	0.001	0.026	0.005	0.005	0.04	0.07
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/77-11/18/92	57	0.01	0.023	0.12	0.005	0.001	0.023	0.005	0.005	0.03	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/13/85-07/20/93	29 ##	0.005	0.006	0.02	0.005	0.	0.003	0.005	0.005	0.005	0.005
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/06/90-11/18/92	9 ##	0.005	0.009	0.02	0.005	0.	0.007	0.005	0.005	0.015	0.02
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/31/78-07/17/91	31	0.26	0.289	0.77	0.04	0.038	0.196	0.05	0.13	0.47	0.588

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	01/31/78-09/11/81	30	0.015	0.062	0.64	0.	0.016	0.127	0.	0.	0.058	0.199
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/31/78-07/20/93	78	0.275	0.308	0.99	0.03	0.046	0.213	0.1	0.1	0.4	0.651
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/15/77-11/18/92	40	0.09	0.113	0.62	0.01	0.013	0.112	0.025	0.04	0.14	0.198
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-07/20/93	64	0.07	0.103	0.6	0.	0.009	0.093	0.025	0.05	0.175	0.2
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/17/79-04/17/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/15/77-02/15/83	6	0.06	0.045	0.06	0.	0.001	0.025	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/15/77-07/20/93	79	0.01	0.03	0.5	0.005	0.004	0.063	0.005	0.01	0.03	0.05
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/31/78-07/20/93	78	0.01	0.013	0.1	0.	0.	0.014	0.005	0.005	0.02	0.021
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/15/77-07/20/93	49 ##	0.005	0.008	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.02
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/02/78-09/11/81	18	1.65	1.994	5.6	0.8	1.371	1.171	0.98	1.1	2.75	3.35
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/31/78-07/09/81	12	1.95	2.225	6.	0.9	2.078	1.442	0.9	1.15	2.625	5.31
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/31/78-07/09/81	11	0.2	0.236	0.5	0.	0.027	0.163	0.02	0.1	0.3	0.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/15/77-11/13/85	40	24.	25.	42.	16.	29.59	5.44	18.2	21.	28.	32.9
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/15/77-11/13/85	26	7.	7.192	18.	0.	11.922	3.453	3.7	5.	8.25	12.
00904	HARDNESS,NONCARBONATE,WTR,DISS,AS CACO3,FIELD,MG/L	12/06/90-12/06/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/15/77-07/20/93	79	8.2	8.365	15.	3.6	3.637	1.907	5.9	7.	9.6	11.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/15/77-07/20/93	79	1.	0.954	1.3	0.6	0.021	0.147	0.8	0.9	1.	1.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/15/77-07/20/93	79	2.7	2.703	5.5	2.	0.228	0.478	2.2	2.4	2.9	3.1
00931	SODIUM ADSORPTION RATIO	11/15/77-11/13/85	40	0.2	0.245	0.5	0.1	0.006	0.075	0.2	0.2	0.3	0.3
00932	SODIUM, PERCENT	11/15/77-11/13/85	40	19.5	19.55	30.	9.	14.203	3.769	16.	17.	22.	23.9
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/12/79-02/11/80	6	3.2	3.167	3.4	2.8	0.055	0.234	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/15/77-07/20/93	79	0.3	0.329	0.8	0.1	0.01	0.1	0.2	0.3	0.4	0.4
00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/77-07/20/93	79	3.	2.709	8.	1.	0.927	0.963	2.	2.	3.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/15/77-07/20/93	79	7.	7.12	14.	2.	4.931	2.221	4.	6.	9.	9.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/31/78-07/20/93	78 ##	0.05	0.069	0.2	0.	0.002	0.045	0.045	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/31/78-07/20/93	77	5.5	5.475	6.3	4.	0.264	0.514	4.78	5.1	5.95	6.1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/15/77-07/17/91	51 ##	0.5	0.647	2.	0.	0.163	0.404	0.5	0.5	0.5	1.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	01/31/78-11/03/81	11	0.	0.682	3.	0.	1.014	1.007	0.	0.	1.	2.8
01002	ARSENIC, TOTAL (UG/L AS AS)	01/31/78-07/15/82	17	1.	1.206	5.	0.5	1.252	1.119	0.5	0.5	1.5	2.6
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/15/77-07/20/93	59	12.	27.644	300.	1.	3414.819	58.436	9.	10.	15.	50.
01006	BARIUM, SUSPENDED (UG/L AS BA)	01/31/78-07/09/81	11	0.	17.273	100.	0.	1481.818	38.494	0.	0.	0.	98.
01007	BARIUM, TOTAL (UG/L AS BA)	01/31/78-07/15/82	16 ##	50.	68.75	200.	0.	4958.333	70.415	0.	12.5	87.5	200.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/18/82-07/17/91	33 ##	0.25	0.397	2.	0.25	0.152	0.391	0.25	0.25	0.25	1.
01020	BORON, DISSOLVED (UG/L AS B)	06/04/80-06/04/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/04/80-06/04/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/15/77-07/17/91	51 ##	0.5	0.676	3.	0.	0.278	0.527	0.5	0.5	0.5	1.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	01/31/78-06/04/80	9	0.	2.222	9.	0.	13.194	3.632	0.	0.	5.	9.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/31/78-07/15/82	17	0.5	1.765	10.	0.	8.254	2.873	0.	0.	2.	8.4
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/15/77-07/17/91	51 ##	0.5	0.892	6.	0.	2.203	1.484	0.	0.	0.5	4.4
01031	CHROMIUM, SUSPEND (UG/L AS CR)	01/31/78-07/09/81	12	0.	5.	20.	0.	45.455	6.742	0.	0.	10.	17.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/31/78-07/15/82	16 ##	5.	5.313	20.	0.	34.896	5.907	0.	0.	10.	13.
01035	COBALT, DISSOLVED (UG/L AS CO)	01/31/78-07/20/93	58 ##	1.5	1.44	3.	0.	0.159	0.398	1.45	1.5	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	01/31/78-01/15/80	8	0.	0.375	3.	0.	1.125	1.061	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	01/31/78-07/15/82	17	0.5	0.971	3.	0.	0.983	0.992	0.	0.	2.	2.2
01040	COPPER, DISSOLVED (UG/L AS CU)	11/15/77-07/17/91	50	2.	2.88	15.	0.	7.016	2.649	0.5	1.	3.25	6.
01041	COPPER, SUSPENDED (UG/L AS CU)	01/31/78-07/15/82	17	5.	6.882	26.	0.	39.86	6.314	0.	3.5	8.	18.8
01042	COPPER, TOTAL (UG/L AS CU)	01/31/78-07/15/82	17	8.	10.	28.	3.	41.625	6.452	3.8	6.	12.5	20.8
01044	IRON, SUSPENDED (UG/L AS FE)	07/25/78-07/15/82	14	400.	573.571	2000.	0.	290101.648	538.611	75.	167.5	952.5	1600.
01045	IRON, TOTAL (UG/L AS FE)	01/31/78-07/15/82	17	370.	595.	2100.	5.	267268.75	516.98	153.	265.	900.	1460.
01046	IRON, DISSOLVED (UG/L AS FE)	01/31/78-07/20/93	58	38.5	42.793	170.	5.	843.149	29.037	19.8	26.	47.25	77.7
01049	LEAD, DISSOLVED (UG/L AS PB)	11/15/77-07/17/91	51	2.5	2.471	9.	0.	4.404	2.099	0.5	1.	3.	6.
01050	LEAD, SUSPENDED (UG/L AS PB)	01/31/78-07/15/82	17	9.	21.529	120.	0.	1001.765	31.651	1.6	3.5	32.5	71.2
01051	LEAD, TOTAL (UG/L AS PB)	01/31/78-07/15/82	17	11.	25.176	130.	3.	1123.279	33.515	3.	6.	37.5	74.8
01054	MANGANESE, SUSPENDED (UG/L AS MN)	01/31/78-07/15/82	16	3.	9.813	30.	0.	132.029	11.49	0.	0.	20.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/31/78-07/15/82	17	20.	21.471	70.	5.	343.015	18.521	5.	5.	30.	54.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/31/78-07/20/93	58	5.5	7.612	41.	0.5	51.939	7.207	3.	4.	7.25	15.2
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/18/82-07/20/93	41 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/23/79-07/20/93	52 ##	0.5	1.192	6.	0.	1.6	1.265	0.5	0.5	2.	3.
01066	NICKEL, SUSPENDED (UG/L AS NI)	10/23/79-07/15/82	9	2.	3.444	11.	0.	14.778	3.844	0.	0.	6.	11.
01067	NICKEL, TOTAL (UG/L AS NI)	10/23/79-07/15/82	11	3.	4.	11.	1.	12.2	3.493	1.	1.	5.	10.8
01075	SILVER, DISSOLVED (UG/L AS AG)	11/15/77-07/20/93	59 ##	0.5	0.398	1.	0.	0.058	0.242	0.	0.5	0.5	0.5
01076	SILVER, SUSPENDED (UG/L AS AG)	01/31/78-07/09/81	13	0.	0.462	3.	0.	0.769	0.877	0.	0.	1.	2.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	01/31/78-07/15/82	21	0.	0.381	3.	0.	0.498	0.705	0.	0.	0.5	1.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/18/82-07/20/93	41	66.	65.39	85.	31.	140.644	11.859	49.2	60.	73.	81.8
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/18/82-07/20/93	41 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/15/77-07/17/91	51	10.	14.	60.	0.	126.43	11.244	4.	7.	20.	32.6
01091	ZINC, SUSPENDED (UG/L ZN)	01/31/78-07/15/82	16	10.	22.25	140.	0.	1147.667	33.877	0.	1.5	30.	70.
01092	ZINC, TOTAL (UG/L AS ZN)	01/31/78-07/15/82	17	30.	36.471	170.	0.	1536.765	39.202	8.	10.	50.	90.
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/04/80-06/04/80	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/04/80-07/20/93	42	20.	29.952	190.	0.	1043.266	32.3	5.	10.	32.5	70.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	06/04/80-06/04/80	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/04/80-07/20/93	42 ##	2.	3.214	12.	2.	5.636	2.374	2.	2.	4.25	6.7
01131	LITHIUM, SUSPENDED (UG/L AS LI)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	06/04/80-06/04/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/15/77-07/20/93	59 ##	0.5	0.449	1.	0.	0.032	0.178	0.	0.5	0.5	0.5
01146	SELENIUM, SUSPENDED (UG/L AS SE)	01/31/78-07/09/81	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01147	SELENIUM, TOTAL (UG/L AS SE)	01/31/78-07/15/82	17 ##	0.5	0.294	0.5	0.	0.064	0.254	0.	0.	0.5	0.5
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	75	7.	26.507	280.	0.	2833.294	53.229	1.	3.	23.	62.2
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	75	0.845	0.913	2.447	-0.301	0.437	0.661	0.	0.477	1.362	1.793
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			8.189								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	74	3.	41.547	1400.	0.	34876.152	186.752	0.5	0.875	16.25	33.5
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	74	0.477	0.609	3.146	-0.301	0.645	0.803	-0.301	-0.075	1.211	1.525
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			4.069								
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	11/17/87-07/20/93	21	20.	19.476	28.	0.	37.762	6.145	12.4	17.	24.5	25.8
60050	ALGAE, TOTAL (CELLS/ML)	03/23/78-09/11/81	14	85.	113.786	350.	20.	9510.951	97.524	23.	41.25	162.5	310.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/31/78-07/20/93	78	40.	40.359	60.	19.	56.597	7.523	31.	35.75	45.	50.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/31/78-11/13/85	34	40.5	40.5	54.	29.	30.864	5.556	33.5	37.75	44.5	48.
70302	SOLIDS, DISSOLVED-TONS PER DAY	01/31/78-09/11/81	30	263.5	332.653	1120.	62.6	55278.226	235.113	140.7	181.	378.5	736.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/31/78-02/15/83	38	0.06	0.057	0.08	0.04	0.	0.01	0.04	0.05	0.06	0.07
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/31/78-11/16/83	20	89.5	88.5	100.	72.	70.579	8.401	75.2	81.5	96.	98.8
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	12/06/90-11/18/92	9 ##	0.005	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	04/17/79-10/23/79	2	814.	814.	1370.	258.	618272.	786.303	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	05/19/78-10/23/79	6	0.55	0.717	1.5	0.2	0.278	0.527	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	05/19/78-10/23/79	6	0.125	0.358	1.5	0.	0.336	0.58	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	06/04/80-06/04/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/17/79-01/14/81	13	0.01	0.029	0.1	0.	0.001	0.032	0.	0.005	0.055	0.088
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/23/79-02/15/83	23	0.08	0.056	0.13	0.	0.002	0.043	0.	0.01	0.09	0.112
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/17/79-11/13/85	32	0.06	0.12	1.5	0.03	0.067	0.258	0.03	0.03	0.12	0.15
71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/31/78-09/11/81	30	1.6	1.937	4.8	0.3	1.209	1.1	0.71	1.	2.7	3.49
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/31/78-07/17/91	50 ##	0.05	0.221	3.5	0.	0.396	0.629	0.	0.05	0.125	0.29
71895	MERCURY, SUSPENDED (UG/L AS HG)	01/31/78-11/03/81	14	0.1	0.2	2.	0.	0.272	0.522	0.	0.	0.1	1.1
71900	MERCURY, TOTAL (UG/L AS HG)	11/15/77-07/15/82	17	0.1	0.218	2.	0.	0.217	0.466	0.04	0.05	0.2	0.64
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/31/78-07/20/93	77	6.	26.532	1000.	0.	13327.331	115.444	2.	4.	13.	30.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/31/78-09/11/81	29	28.	186.034	1970.	1.4	166839.839	408.46	8.1	14.5	94.	720.
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	02/29/84-02/29/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	10/09/80-07/09/81	5	0.2	0.24	0.3	0.2	0.003	0.055	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0258

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	73	2	0.03	14	1	0.07	23	1	0.04	23	0	0.00	13	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	177	1	0.01	40	0	0.00	45	1	0.02	58	0	0.00	34	0	0.00
00400	PH	Fresh Chronic	9.	159	0	0.00	34	0	0.00	40	0	0.00	51	0	0.00	34	0	0.00
		Other-Lo Lim.	6.5	159	3	0.02	34	0	0.00	40	3	0.08	51	0	0.00	34	0	0.00
00403	PH, LAB	Fresh Chronic	9.	54	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	9	0	0.00
		Other-Lo Lim.	6.5	54	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	9	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	29	0	0.00	6	0	0.00	7	0	0.00	12	0	0.00	4	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00	1	0	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: OLYM0258

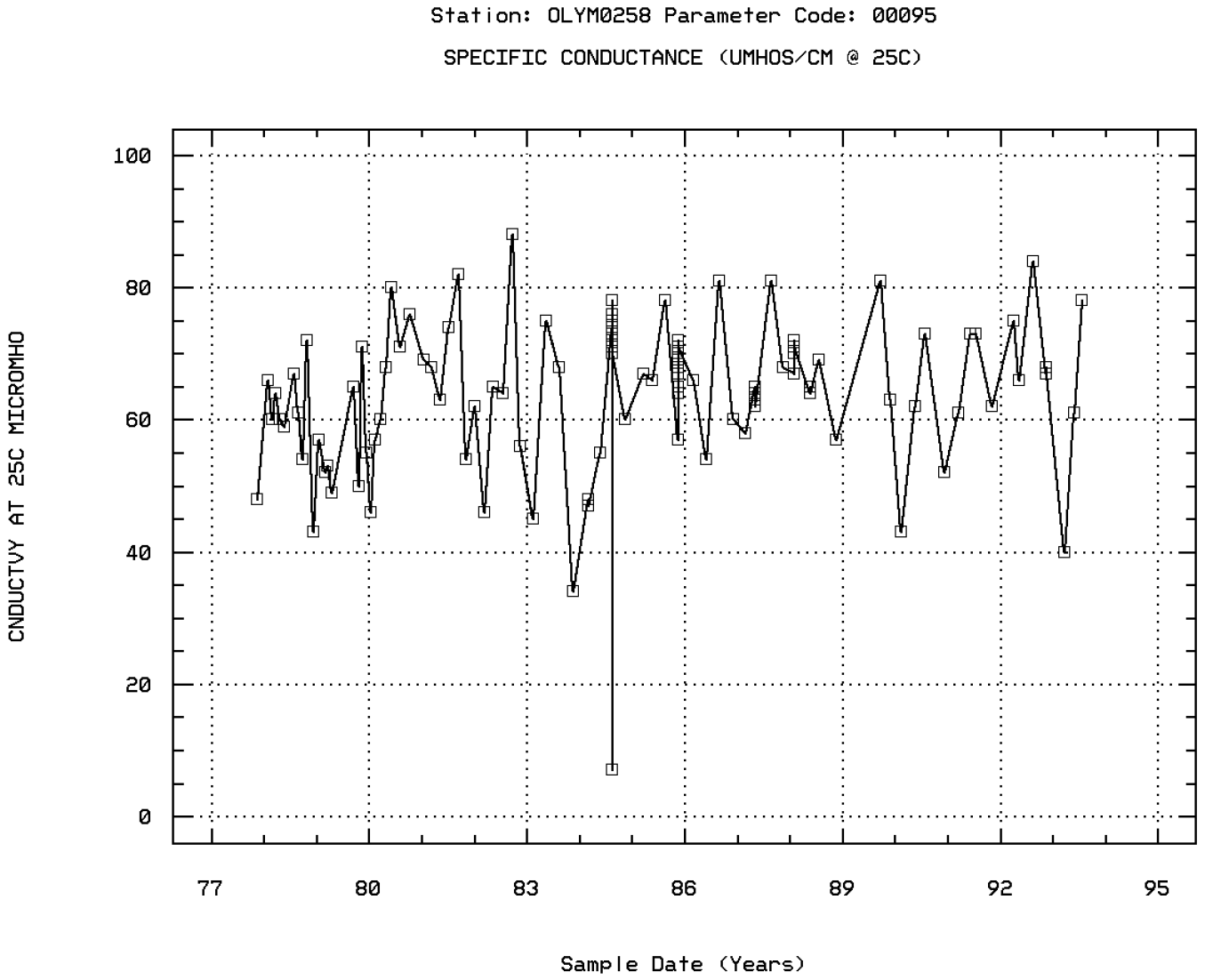
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	40	0	0.00	7	0	0.00	15	0	0.00	12	0	0.00	6	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	64	0	0.00	13	0	0.00	18	0	0.00	21	0	0.00	12	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	79	0	0.00	15	0	0.00	26	0	0.00	25	0	0.00	13	0	0.00
		Drinking Water	250.	79	0	0.00	15	0	0.00	26	0	0.00	25	0	0.00	13	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	79	0	0.00	15	0	0.00	26	0	0.00	25	0	0.00	13	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	78	0	0.00	14	0	0.00	26	0	0.00	25	0	0.00	13	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	51	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	6	0	0.00
		Drinking Water	50.	51	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	6	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	11	0	0.00	2	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	50.	11	0	0.00	2	0	0.00	3	0	0.00	6	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	17	0	0.00	3	0	0.00	5	0	0.00	9	0	0.00			
		Drinking Water	50.	17	0	0.00	3	0	0.00	5	0	0.00	9	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	59	0	0.00	13	0	0.00	16	0	0.00	23	0	0.00	7	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	11	0	0.00	1	0	0.00	4	0	0.00	6	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	16	0	0.00	2	0	0.00	5	0	0.00	9	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	33	0	0.00	7	0	0.00	10	0	0.00	10	0	0.00	6	0	0.00
		Drinking Water	4.	33	0	0.00	7	0	0.00	10	0	0.00	10	0	0.00	6	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	51	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	6	0	0.00
		Drinking Water	5.	51	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	6	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	9	2	0.22	2	0	0.00	3	1	0.33	4	1	0.25			
		Drinking Water	5.	9	2	0.22	2	0	0.00	3	1	0.33	4	1	0.25			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	16 &	1	0.06	3	0	0.00	4	0	0.00	9	1	0.11			
		Drinking Water	5.	16 &	1	0.06	3	0	0.00	4	0	0.00	9	1	0.11			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	51	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	6	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	12	0	0.00	1	0	0.00	4	0	0.00	7	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	16	0	0.00	2	0	0.00	5	0	0.00	9	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	50	0	0.00	11	0	0.00	14	0	0.00	19	0	0.00	6	0	0.00
		Drinking Water	1300.	50	0	0.00	11	0	0.00	14	0	0.00	19	0	0.00	6	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	17	1	0.06	3	0	0.00	5	1	0.20	9	0	0.00			
		Drinking Water	1300.	17	0	0.00	3	0	0.00	5	0	0.00	9	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	17	3	0.18	3	1	0.33	5	1	0.20	9	1	0.11			
		Drinking Water	1300.	17	0	0.00	3	0	0.00	5	0	0.00	9	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	51	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	6	0	0.00
		Drinking Water	15.	51	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	6	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	17	1	0.06	3	0	0.00	5	1	0.20	9	0	0.00			
		Drinking Water	15.	17	5	0.29	3	0	0.00	5	2	0.40	9	3	0.33			
01051	LEAD, TOTAL	Fresh Acute	82.	17	1	0.06	3	0	0.00	5	1	0.20	9	0	0.00			
		Drinking Water	15.	17	7	0.41	3	0	0.00	5	2	0.40	9	5	0.56			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	52	0	0.00	11	0	0.00	14	0	0.00	20	0	0.00	7	0	0.00
		Drinking Water	100.	52	0	0.00	11	0	0.00	14	0	0.00	20	0	0.00	7	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	9	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00			
		Drinking Water	100.	9	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	11	0	0.00	2	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	100.	11	0	0.00	2	0	0.00	3	0	0.00	6	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	59	0	0.00	13	0	0.00	16	0	0.00	23	0	0.00	7	0	0.00
		Drinking Water	100.	59	0	0.00	13	0	0.00	16	0	0.00	23	0	0.00	7	0	0.00
01076	SILVER, SUSPENDED	Fresh Acute	4.1	13	0	0.00	2	0	0.00	4	0	0.00	7	0	0.00			
		Drinking Water	100.	13	0	0.00	2	0	0.00	4	0	0.00	7	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	21	0	0.00	4	0	0.00	7	0	0.00	9	0	0.00	1	0	0.00
		Drinking Water	100.	21	0	0.00	4	0	0.00	7	0	0.00	9	0	0.00	1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	51	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	6	0	0.00
		Drinking Water	5000.	51	0	0.00	11	0	0.00	15	0	0.00	19	0	0.00	6	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	16	1	0.06	3	0	0.00	5	1	0.20	8	0	0.00			
		Drinking Water	5000.	16	0	0.00	3	0	0.00	5	0	0.00	8	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	17	1	0.06	3	0	0.00	5	1	0.20	9	0	0.00			
		Drinking Water	5000.	17	0	0.00	3	0	0.00	5	0	0.00	9	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	59	0	0.00	13	0	0.00	16	0	0.00	23	0	0.00	7	0	0.00
		Drinking Water	50.	59	0	0.00	13	0	0.00	16	0	0.00	23	0	0.00	7	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

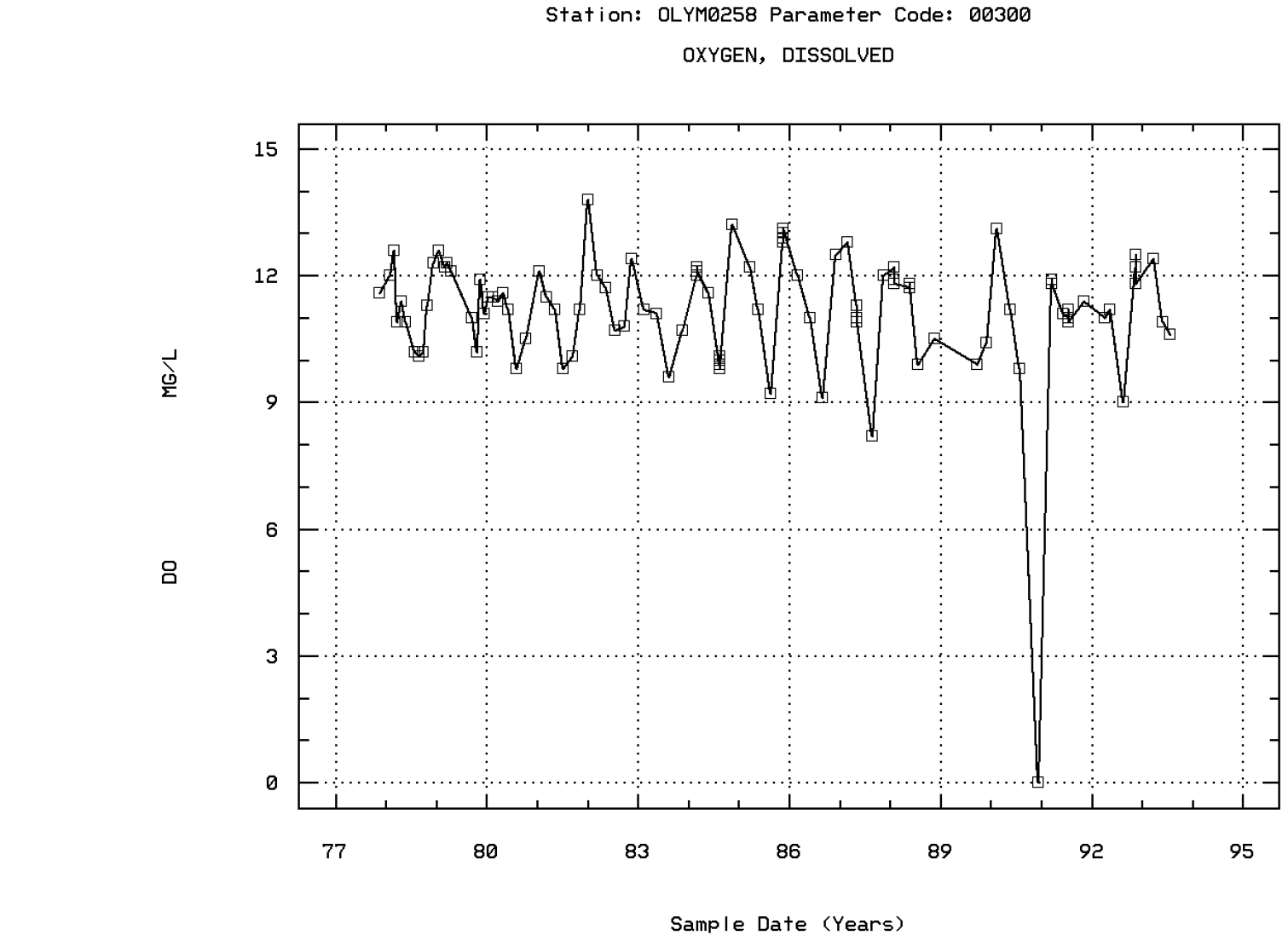
EPA Water Quality Criteria Analysis for Station: OLYM0258

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	13	0	0.00	2	0	0.00	4	0	0.00	7	0	0.00			
		Drinking Water	50.	13	0	0.00	2	0	0.00	4	0	0.00	7	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	17	0	0.00	3	0	0.00	5	0	0.00	9	0	0.00			
		Drinking Water	50.	17	0	0.00	3	0	0.00	5	0	0.00	9	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	75	3	0.04	14	2	0.14	25	1	0.04	24	0	0.00	12	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	50	2	0.04	10	1	0.10	15	1	0.07	19	0	0.00	6	0	0.00
		Drinking Water	2.	50	2	0.04	10	1	0.10	15	1	0.07	19	0	0.00	6	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	14	0	0.00	3	0	0.00	4	0	0.00	7	0	0.00			
		Drinking Water	2.	14	1	0.07	3	0	0.00	4	0	0.00	7	1	0.14			
71900	MERCURY, TOTAL	Fresh Acute	2.4	17	0	0.00	4	0	0.00	4	0	0.00	9	0	0.00			
		Drinking Water	2.	17	1	0.06	4	0	0.00	4	0	0.00	9	1	0.11			

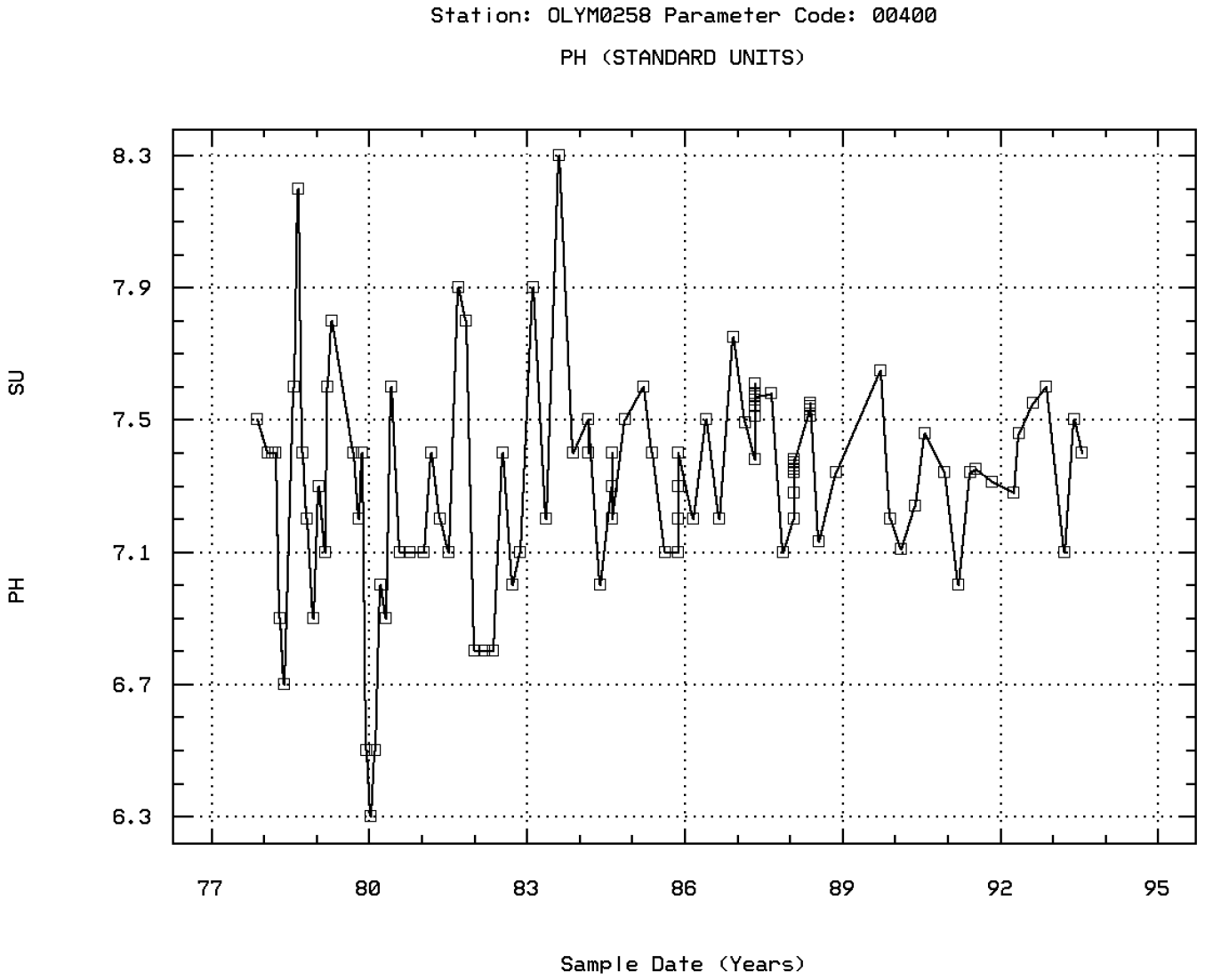
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



QUEETS RIVER NEAR CLEARWATER, WASH.



QUEETS RIVER NEAR CLEARWATER, WASH.



QUEETS RIVER NEAR CLEARWATER, WASH.

Annual Analysis for 1977 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	10	9.55	10.	17.8	5.5	15.984	3.998	5.53	6.1	12.55	17.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	10	60.5	60.6	72.	43.	63.156	7.947	44.1	57.75	66.25	71.5
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	10	11.1	11.19	12.6	10.1	0.805	0.897	10.11	10.2	12.075	12.57
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	10	7.4	7.31	8.2	6.7	0.181	0.425	6.72	6.9	7.45	8.14
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	10	7.4	7.152	8.2	6.7	0.209	0.457	6.72	6.9	7.45	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	10	0.04	0.071	0.2	0.006	0.004	0.06	0.008	0.036	0.126	0.192

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	8	6.3	7.2	13.8	3.8	10.9	3.302	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	8	54.	56.5	71.	49.	59.429	7.709	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	8	12.	11.675	12.6	10.2	0.674	0.821	**	**	**	**
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	8	7.35	7.288	7.8	6.5	0.15	0.387	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	8	7.347	7.104	7.8	6.5	0.188	0.434	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	8	0.045	0.079	0.316	0.016	0.01	0.098	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or 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 OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	7	10.4	9.343	16.	4.	16.73	4.09	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	7	68.	65.429	80.	46.	139.952	11.83	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	7	11.4	11.071	11.6	9.8	0.452	0.673	**	**	**	**
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	7	7.	6.929	7.6	6.3	0.182	0.427	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	7	7.	6.756	7.6	6.3	0.217	0.466	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	7	0.1	0.175	0.501	0.025	0.029	0.171	**	**	**	**

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Annual Analysis for 1981 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	6	9.5	10.067	15.2	6.	10.347	3.217	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	6	68.5	68.333	82.	54.	90.667	9.522	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	6	11.2	10.983	12.1	9.8	0.758	0.87	**	**	**	**

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Annual Analysis for 1981 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	6	7.3	7.417	7.9	7.1	0.126	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	6	7.289	7.315	7.9	7.1	0.138	0.371	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	6	0.051	0.048	0.079	0.013	0.001	0.03	**	**	**	**

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Annual Analysis for 1982 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	5	7.1	8.14	14.9	4.3	17.823	4.222	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	6	63.	63.5	88.	46.	193.5	13.91	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	6	11.85	11.9	13.8	10.7	1.312	1.145	**	**	**	**
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	6	6.9	6.983	7.4	6.8	0.058	0.24	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	6	6.889	6.936	7.4	6.8	0.06	0.246	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	6	0.129	0.116	0.158	0.04	0.003	0.051	**	**	**	**

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Annual Analysis for 1983 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	4	9.9	11.15	17.5	7.3	19.963	4.468	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	4	56.5	55.5	75.	34.	369.667	19.227	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	4	10.9	10.65	11.2	9.6	0.537	0.733	**	**	**	**
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	4	7.65	7.7	8.3	7.2	0.247	0.497	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	4	7.582	7.521	8.3	7.2	0.289	0.538	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	4	0.026	0.03	0.063	0.005	0.001	0.027	**	**	**	**

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Annual Analysis for 1984 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	30	15.6	13.697	17.4	6.6	11.791	3.434	8.05	9.175	15.7	16.18
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	30	73.	65.367	78.	7.	242.792	15.582	47.1	53.25	75.	76.
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	30	10.	10.55	13.2	9.8	1.048	1.024	9.81	9.975	11.7	12.19
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	30	7.3	7.307	7.5	7.	0.014	0.12	7.2	7.2	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	30	7.3	7.291	7.5	7.	0.015	0.121	7.2	7.2	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	30	0.05	0.051	0.1	0.032	0.	0.015	0.032	0.04	0.063	0.063

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Annual Analysis for 1985 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	24	4.9	5.775	16.9	4.9	7.589	2.755	4.9	4.9	4.975	9.25
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	24	69.	68.292	78.	57.	15.52	3.94	64.	66.25	71.	72.
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	24	12.9	12.667	13.1	9.2	0.689	0.83	11.7	12.9	12.9	13.
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	23	7.3	7.274	7.6	7.1	0.013	0.114	7.1	7.2	7.3	7.4
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	23	7.3	7.26	7.6	7.1	0.013	0.115	7.1	7.2	7.3	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	23	0.05	0.055	0.079	0.025	0.	0.014	0.04	0.05	0.063	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	4	9.85	10.75	18.6	4.7	35.097	5.924	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	4	63.	65.25	81.	54.	134.25	11.587	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	4	11.5	11.15	12.5	9.1	2.257	1.502	**	**	**	**
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	4	7.35	7.413	7.75	7.2	0.071	0.266	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	4	7.325	7.358	7.75	7.2	0.075	0.273	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	4	0.047	0.044	0.063	0.018	0.001	0.023	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	27	13.1	12.626	17.1	4.	4.823	2.196	10.44	13.	13.1	13.38
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	25	63.	64.08	81.	58.	14.993	3.872	62.	63.	64.	66.2
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	27	11.	10.989	12.8	8.2	0.47	0.686	10.9	10.9	11.	11.44
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	25	7.56	7.525	7.61	7.1	0.011	0.104	7.38	7.525	7.57	7.58
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	25	7.56	7.51	7.61	7.1	0.011	0.106	7.38	7.525	7.57	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	25	0.028	0.031	0.079	0.025	0.	0.011	0.026	0.027	0.03	0.042

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	18	6.05	8.428	16.7	5.9	9.648	3.106	5.99	6.	10.7	11.39
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	18	69.5	67.556	72.	57.	16.967	4.119	63.3	64.	71.	72.
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	18	11.8	11.639	12.2	9.9	0.297	0.545	10.44	11.7	11.8	11.93
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	18	7.37	7.389	7.55	7.13	0.014	0.119	7.193	7.34	7.515	7.541
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	18	7.37	7.374	7.55	7.13	0.015	0.121	7.193	7.34	7.515	7.541
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	18	0.043	0.042	0.074	0.028	0.	0.012	0.029	0.031	0.046	0.064

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	2	10.1	10.1	13.7	6.5	25.92	5.091	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	2	72.	72.	81.	63.	162.	12.728	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	2	10.15	10.15	10.4	9.9	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	2	7.425	7.425	7.65	7.2	0.101	0.318	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	2	7.369	7.369	7.65	7.2	0.107	0.328	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	2	0.043	0.043	0.063	0.022	0.001	0.029	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	4	8.3	8.925	15.7	3.4	27.042	5.2	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	4	57.	57.5	73.	43.	167.	12.923	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	4	10.5	8.525	13.1	0.	34.129	5.842	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	4	7.29	7.288	7.46	7.11	0.022	0.149	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	4	7.287	7.269	7.46	7.11	0.023	0.15	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	4	0.052	0.054	0.078	0.035	0.	0.018	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	14	10.25	10.9	14.3	7.8	9.76	3.124	7.8	7.8	14.125	14.25
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	9	61.	63.778	73.	61.	27.444	5.239	61.	61.	67.5	73.
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	14	11.3	11.386	11.9	10.9	0.166	0.407	10.9	11.	11.8	11.85
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	4	7.325	7.25	7.35	7.	0.028	0.168	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	4	7.325	7.223	7.35	7.	0.029	0.17	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	4	0.047	0.06	0.1	0.045	0.001	0.027	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	9	8.8	10.011	17.6	8.	8.966	2.994	8.	8.8	10.25	17.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	9	67.	69.889	84.	66.	35.111	5.925	66.	67.	71.5	84.
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	9	11.8	11.611	12.5	9.	1.269	1.126	9.	11.1	12.5	12.5
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	4	7.505	7.473	7.6	7.28	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	4	7.503	7.455	7.6	7.28	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	4	0.031	0.035	0.052	0.025	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	3	12.	11.5	14.7	7.8	12.09	3.477	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	3	61.	59.667	78.	40.	362.333	19.035	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	3	10.9	11.3	12.4	10.6	0.93	0.964	**	**	**	**
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	3	7.4	7.333	7.5	7.1	0.043	0.208	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	3	7.4	7.299	7.5	7.1	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	3	0.04	0.05	0.079	0.032	0.001	0.026	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	40	5.	6.64	11.2	4.3	4.495	2.12	4.9	4.9	8.8	9.78
00025	BAROMETRIC PRESSURE (MM OF HG)	11/18/82-07/20/93	9	765.	762.333	774.	741.	104.75	10.235	741.	756.	770.	774.
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/15/77-07/20/93	15	3320.	6941.333	45000.	1360.	119018869.524	10909.577	1504.	2020.	6090.	25500.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/78-07/20/93	14	4.95	28.45	320.	0.4	7071.73	84.094	0.65	2.275	9.7	170.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	40	67.	65.075	76.	34.	63.353	7.959	54.2	63.25	70.	71.9
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	40	12.9	12.3	13.2	10.2	0.783	0.885	10.52	11.8	12.9	13.
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	34	7.3	7.293	7.8	7.1	0.023	0.151	7.1	7.2	7.318	7.5
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	34	7.3	7.27	7.8	7.1	0.023	0.152	7.1	7.2	7.317	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	34	0.05	0.054	0.079	0.016	0.	0.016	0.032	0.048	0.063	0.079
00403	PH, LAB, STANDARD UNITS SU	10/09/80-07/20/93	11	7.6	7.636	8.2	6.8	0.161	0.401	6.9	7.4	7.9	8.18
00403	CONVERTED PH, LAB, STANDARD UNITS	10/09/80-07/20/93	11	7.6	7.448	8.2	6.8	0.2	0.447	6.9	7.4	7.9	8.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/80-07/20/93	11	0.025	0.036	0.158	0.006	0.002	0.043	0.007	0.013	0.04	0.137
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/15/77-03/23/93	6	19.	19.333	35.	8.	82.667	9.092	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/23/79-07/20/93	13	0.02	0.028	0.1	0.005	0.001	0.026	0.007	0.01	0.03	0.084
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/77-11/18/92	11	0.02	0.032	0.12	0.005	0.001	0.031	0.006	0.02	0.04	0.104
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/13/85-07/20/93	6 ##	0.005	0.008	0.02	0.005	0.	0.006	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/31/78-07/17/91	4	0.32	0.35	0.53	0.23	0.016	0.127	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/31/78-07/20/93	14	0.315	0.303	0.55	0.1	0.034	0.184	0.1	0.1	0.505	0.545
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-07/20/93	13	0.2	0.158	0.2	0.	0.005	0.07	0.02	0.1	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/15/77-07/20/93	15	0.01	0.051	0.5	0.005	0.016	0.126	0.005	0.01	0.02	0.248
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/31/78-07/20/93	14 ##	0.005	0.008	0.02	0.	0.	0.005	0.003	0.005	0.01	0.015
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/15/77-07/20/93	11 ##	0.005	0.01	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/15/77-07/20/93	15	7.6	7.827	15.	3.6	5.778	2.404	5.28	6.6	8.1	11.64
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/15/77-07/20/93	15	1.	0.973	1.3	0.6	0.025	0.158	0.72	0.9	1.1	1.18
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/15/77-07/20/93	15	2.6	2.627	3.1	2.	0.116	0.341	2.06	2.3	2.9	3.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/15/77-07/20/93	15	0.4	0.367	0.8	0.1	0.024	0.154	0.16	0.3	0.4	0.62
00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/77-07/20/93	15	3.	3.067	8.	1.	2.352	1.534	1.6	2.	3.	5.6
00945	SULFATE, TOTAL (MG/L AS SO4)	11/15/77-07/20/93	15	7.	7.367	13.	2.5	6.16	2.482	4.	6.	8.	11.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/31/78-07/20/93	14 ##	0.05	0.057	0.1	0.	0.001	0.027	0.025	0.05	0.063	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/31/78-07/20/93	14	5.65	5.479	6.3	4.	0.502	0.708	4.1	5.05	6.1	6.2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/15/77-07/17/91	11 ##	0.5	0.727	2.	0.5	0.218	0.467	0.5	0.5	1.	1.8
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/15/77-07/20/93	13	13.	37.154	300.	9.	6349.974	79.687	9.4	11.	15.	200.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/18/82-07/17/91	7 ##	0.25	0.357	1.	0.25	0.08	0.283	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/15/77-07/17/91	11 ##	0.5	0.545	2.	0.	0.273	0.522	0.	0.5	0.5	1.7
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/15/77-07/17/91	11 ##	0.5	0.909	5.	0.	2.141	1.463	0.	0.	0.5	4.4
01035	COBALT, DISSOLVED (UG/L AS CO)	01/31/78-07/20/93	12 ##	1.5	1.5	3.	0.	0.409	0.64	0.45	1.5	1.5	2.55
01040	COPPER, DISSOLVED (UG/L AS CU)	11/15/77-07/17/91	11	3.	4.273	15.	1.	14.818	3.849	1.2	2.	5.	13.2
01046	IRON, DISSOLVED (UG/L AS FE)	01/31/78-07/20/93	12	55.	72.25	170.	5.	2223.659	47.156	14.9	41.5	103.5	161.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/15/77-07/17/91	11	2.5	3.091	8.	0.	6.041	2.458	0.2	1.	5.	7.6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/31/78-07/20/93	12	6.	8.417	28.	3.	48.265	6.947	3.3	4.25	8.75	24.1
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/18/82-07/20/93	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/23/79-07/20/93	11 ##	0.5	0.818	3.	0.	0.614	0.783	0.1	0.5	1.	2.6
01075	SILVER, DISSOLVED (UG/L AS AG)	11/15/77-07/20/93	13 ##	0.5	0.423	1.	0.	0.077	0.277	0.	0.25	0.5	0.8
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/18/82-07/20/93	9	65.	59.556	69.	31.	139.278	11.802	31.	55.	66.	69.
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/18/82-07/20/93	9 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/15/77-07/17/91	11	10.	13.818	35.	0.	122.564	11.071	0.8	7.	20.	34.2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/04/80-07/20/93	9	40.	62.222	190.	20.	2919.444	54.032	20.	25.	80.	190.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/04/80-07/20/93	9 ##	2.	3.333	7.	2.	4.25	2.062	2.	2.	5.5	7.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/15/77-07/20/93	13 ##	0.5	0.462	0.5	0.	0.019	0.139	0.2	0.5	0.5	0.5
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	14	25.	62.643	280.	2.	7139.016	84.493	4.	13.	85.25	240.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	14	1.389	1.446	2.447	0.301	0.357	0.597	0.54	1.11	1.906	2.374
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			27.905								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	14	13.5	15.714	56.	1.	208.066	14.424	1.5	3.75	25.25	41.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	14	1.13	0.997	1.748	0.	0.237	0.487	0.151	0.571	1.402	1.582
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			9.938								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/31/78-07/20/93	14	40.	40.5	57.	21.	80.577	8.976	25.5	36.25	44.75	55.
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/31/78-07/17/91	10 ##	0.05	0.42	3.5	0.	1.176	1.084	0.005	0.05	0.2	3.17
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/31/78-07/20/93	14	9.	95.214	1000.	2.	69408.335	263.455	3.	4.	45.	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

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	44	6.05	6.548	9.2	3.4	2.257	1.502	4.	5.8	7.8	8.55
00025	BAROMETRIC PRESSURE (MM OF HG)	11/18/82-07/20/93	11	764.	763.455	771.	755.	33.073	5.751	755.	759.	770.	770.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/15/77-07/20/93	40	1925.	3415.525	17500.	106.	14531497.076	3812.02	218.8	1527.5	4732.5	9659.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/78-07/20/93	23	5.4	9.183	66.	1.	178.449	13.358	1.76	3.5	10.	19.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	45	61.	58.8	72.	40.	92.755	9.631	45.6	48.	67.5	71.
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	45	11.9	11.736	13.8	0.	3.449	1.857	11.32	11.8	12.2	12.6
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	40	7.355	7.254	7.9	6.3	0.109	0.33	6.8	7.1	7.4	7.59
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	40	7.355	7.098	7.9	6.3	0.134	0.366	6.8	7.1	7.4	7.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	40	0.044	0.08	0.501	0.013	0.009	0.095	0.026	0.04	0.079	0.158
00403	PH, LAB, STANDARD UNITS SU	10/09/80-07/20/93	15	7.4	7.413	8.	6.8	0.111	0.334	6.86	7.2	7.7	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	10/09/80-07/20/93	15	7.4	7.293	8.	6.8	0.127	0.356	6.86	7.2	7.7	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/80-07/20/93	15	0.04	0.051	0.158	0.01	0.002	0.042	0.014	0.02	0.063	0.139
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/15/77-03/23/93	17	19.	17.882	39.	0.	63.735	7.983	8.	14.	21.	27.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/23/79-07/20/93	18	0.01	0.024	0.09	0.005	0.001	0.026	0.005	0.005	0.035	0.072
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/77-11/18/92	19	0.01	0.016	0.06	0.005	0.	0.016	0.005	0.005	0.02	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/13/85-07/20/93	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/31/78-07/17/91	13	0.26	0.266	0.77	0.04	0.052	0.228	0.04	0.05	0.355	0.718
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/31/78-07/20/93	25	0.24	0.29	0.99	0.03	0.056	0.236	0.062	0.1	0.37	0.678
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-07/20/93	18	0.1	0.131	0.3	0.05	0.005	0.068	0.05	0.098	0.2	0.21
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/15/77-07/20/93	25	0.02	0.024	0.09	0.005	0.	0.021	0.008	0.01	0.03	0.06
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/31/78-07/20/93	25	0.01	0.014	0.03	0.	0.	0.009	0.005	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/15/77-07/20/93	12 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.009	0.017
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/15/77-07/20/93	26	7.45	7.3	10.	4.4	2.32	1.523	5.21	5.875	8.45	9.44
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/15/77-07/20/93	26	0.9	0.888	1.2	0.6	0.019	0.14	0.7	0.8	1.	1.03
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/15/77-07/20/93	26	2.7	2.7	4.1	2.1	0.15	0.387	2.2	2.475	2.825	3.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/15/77-07/20/93	26	0.3	0.312	0.4	0.1	0.005	0.071	0.2	0.3	0.4	0.4
00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/77-07/20/93	26	3.	3.077	5.	2.	0.634	0.796	2.	3.	3.	4.3
00945	SULFATE, TOTAL (MG/L AS SO4)	11/15/77-07/20/93	26	6.	6.327	10.	2.5	3.499	1.871	3.7	5.	7.25	9.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/31/78-07/20/93	26 ##	0.05	0.058	0.1	0.	0.001	0.034	0.	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/31/78-07/20/93	26	5.9	5.692	6.1	4.5	0.24	0.49	4.67	5.45	6.025	6.1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/15/77-07/17/91	15 ##	0.5	0.7	2.	0.5	0.171	0.414	0.5	0.5	1.	1.4
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/15/77-07/20/93	16	12.	15.	50.	9.	99.867	9.993	9.	10.	15.75	29.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/18/82-07/17/91	10 ##	0.25	0.355	1.3	0.25	0.11	0.332	0.25	0.25	0.25	1.195
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/15/77-07/17/91	15 ##	0.5	0.767	3.	0.5	0.424	0.651	0.5	0.5	1.	1.8
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/15/77-07/17/91	15 ##	0.5	0.7	5.	0.	1.493	1.222	0.	0.	0.5	2.6
01035	COBALT, DISSOLVED (UG/L AS CO)	01/31/78-07/20/93	16 ##	1.5	1.469	1.5	1.	0.016	0.125	1.35	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	11/15/77-07/17/91	14	2.5	2.393	7.	0.	3.276	1.81	0.25	0.5	3.	5.5
01046	IRON, DISSOLVED (UG/L AS FE)	01/31/78-07/20/93	16	40.	45.188	91.	20.	300.163	17.325	22.8	35.25	58.75	69.3
01049	LEAD, DISSOLVED (UG/L AS PB)	11/15/77-07/17/91	15	2.	2.2	6.	0.	3.35	1.83	0.3	0.5	3.	6.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/31/78-07/20/93	16	7.	7.25	17.	4.	11.133	3.337	4.	5.	8.	13.5
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/18/82-07/20/93	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/23/79-07/20/93	14	0.75	1.714	6.	0.	3.335	1.826	0.25	0.5	2.25	5.5
01075	SILVER, DISSOLVED (UG/L AS AG)	11/15/77-07/20/93	16 ##	0.5	0.375	0.5	0.	0.05	0.224	0.	0.125	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/18/82-07/20/93	11	59.	56.273	69.	40.	93.618	9.676	41.2	49.	66.	68.6
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/18/82-07/20/93	11 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/15/77-07/17/91	15	15.	16.9	60.	1.5	245.721	15.676	3.	5.	20.	44.4
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/04/80-07/20/93	11	30.	28.	50.	0.	248.	15.748	2.	20.	40.	49.6
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/04/80-07/20/93	11 ##	2.	2.545	6.	2.	1.673	1.293	2.	2.	2.	5.6
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/15/77-07/20/93	16 ##	0.5	0.438	0.5	0.	0.029	0.171	0.	0.5	0.5	0.5
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	25	3.	17.54	270.	0.5	2905.603	53.904	0.5	2.	8.	38.2
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	25	0.477	0.603	2.431	-0.301	0.398	0.631	-0.301	0.301	0.903	1.544
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.006								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	25	1.	4.26	32.	0.	64.107	8.007	0.5	0.5	3.	20.2
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	25	0.	0.183	1.505	-0.301	0.318	0.564	-0.301	-0.301	0.477	1.304
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.524								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/31/78-07/20/93	26	38.5	38.154	60.	19.	66.375	8.147	28.8	33.	43.	47.4
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/31/78-07/17/91	15 ##	0.05	0.247	2.9	0.	0.541	0.735	0.	0.05	0.05	1.28
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/31/78-07/20/93	25	8.	19.8	164.	0.	1081.083	32.88	2.6	4.5	23.5	46.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	58	13.	12.207	17.8	6.8	4.445	2.108	9.19	10.8	13.1	14.21
00025	BAROMETRIC PRESSURE (MM OF HG)	11/18/82-07/20/93	15	765.	766.333	777.	759.	30.095	5.486	759.6	762.	770.	776.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/15/77-07/20/93	25	2250.	2280.24	4950.	909.	1245632.023	1116.079	969.2	1245.	3015.	3976.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/78-07/20/93	23	2.6	3.043	12.	0.9	5.205	2.282	1.1	1.6	3.3	5.16
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	51	64.	64.882	80.	49.	30.746	5.545	60.2	63.	66.	73.8
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	58	11.	11.062	12.1	9.8	0.196	0.443	10.69	10.9	11.2	11.7
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	51	7.51	7.419	7.8	6.7	0.053	0.231	7.02	7.35	7.57	7.58
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	51	7.51	7.342	7.8	6.7	0.06	0.244	7.02	7.35	7.57	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	51	0.031	0.046	0.2	0.016	0.001	0.036	0.026	0.027	0.045	0.096
00403	PH, LAB, STANDARD UNITS SU	10/09/80-07/20/93	19	7.7	7.689	8.3	7.	0.104	0.323	7.3	7.4	8.	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	10/09/80-07/20/93	19	7.7	7.571	8.3	7.	0.119	0.345	7.3	7.4	8.	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/80-07/20/93	19	0.02	0.027	0.1	0.005	0.001	0.023	0.01	0.01	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/15/77-03/23/93	9	20.	20.333	25.	15.	7.75	2.784	15.	19.	22.	25.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/23/79-07/20/93	21	0.03	0.033	0.1	0.005	0.001	0.027	0.005	0.008	0.04	0.078
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/77-11/18/92	18	0.015	0.026	0.09	0.005	0.001	0.027	0.005	0.005	0.04	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/13/85-07/20/93	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/31/78-07/17/91	9	0.22	0.274	0.6	0.08	0.04	0.201	0.08	0.1	0.49	0.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/31/78-07/20/93	25	0.23	0.281	0.8	0.1	0.037	0.193	0.1	0.11	0.38	0.634
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-07/20/93	21 ##	0.05	0.074	0.6	0.01	0.015	0.122	0.025	0.028	0.05	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/15/77-07/20/93	25	0.01	0.031	0.27	0.005	0.003	0.054	0.005	0.005	0.035	0.07
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/31/78-07/20/93	25 ##	0.005	0.014	0.1	0.	0.	0.022	0.005	0.005	0.01	0.042
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/15/77-07/20/93	17 ##	0.005	0.009	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.022
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/15/77-07/20/93	25	8.6	8.86	13.	6.6	2.063	1.436	6.82	7.9	9.85	10.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/15/77-07/20/93	25	0.9	0.932	1.2	0.7	0.01	0.099	0.8	0.9	1.	1.
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/15/77-07/20/93	25	2.5	2.604	5.5	2.	0.418	0.646	2.2	2.3	2.7	2.84
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/15/77-07/20/93	25	0.3	0.296	0.4	0.2	0.003	0.054	0.2	0.3	0.3	0.4
00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/77-07/20/93	25	2.	2.28	3.	1.	0.293	0.542	2.	2.	3.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/15/77-07/20/93	25	7.	7.02	14.	2.	6.135	2.477	2.3	6.	8.	9.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/31/78-07/20/93	25 ##	0.05	0.076	0.2	0.	0.003	0.054	0.03	0.05	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/31/78-07/20/93	24	5.3	5.304	6.	4.7	0.16	0.399	4.75	4.925	5.6	5.95
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/15/77-07/17/91	19 ##	0.5	0.605	2.	0.	0.183	0.427	0.	0.5	0.5	1.
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/15/77-07/20/93	23	10.	34.913	300.	1.	5193.356	72.065	7.4	9.	13.	160.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/18/82-07/17/91	10 ##	0.25	0.425	2.	0.25	0.306	0.553	0.25	0.25	0.25	1.825
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/15/77-07/17/91	19 ##	0.5	0.658	2.	0.	0.168	0.41	0.5	0.5	1.	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/15/77-07/17/91	19 ##	0.5	0.842	5.	0.	2.251	1.5	0.	0.	0.5	5.
01035	COBALT, DISSOLVED (UG/L AS CO)	01/31/78-07/20/93	23 ##	1.5	1.37	2.	0.	0.187	0.432	0.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	11/15/77-07/17/91	19	2.	2.395	9.	0.	5.988	2.447	0.5	1.	3.	8.
01046	IRON, DISSOLVED (UG/L AS FE)	01/31/78-07/20/93	23	31.	29.13	47.	5.	129.846	11.395	9.8	21.	40.	41.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/15/77-07/17/91	19	2.	2.421	9.	0.	5.813	2.411	0.5	0.5	3.	7.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/31/78-07/20/93	23	5.	8.239	41.	0.5	99.633	9.982	2.	4.	6.	28.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/18/82-07/20/93	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/23/79-07/20/93	20 ##	0.5	0.95	3.	0.	0.655	0.809	0.05	0.5	1.75	2.
01075	SILVER, DISSOLVED (UG/L AS AG)	11/15/77-07/20/93	23 ##	0.5	0.37	1.	0.	0.073	0.27	0.	0.	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/18/82-07/20/93	14	68.	69.071	81.	56.	41.61	6.451	60.	65.	73.5	79.5
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/18/82-07/20/93	14 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/15/77-07/17/91	19	10.	11.711	38.	1.5	68.759	8.292	4.	7.	14.	21.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/04/80-07/20/93	15	20.	20.	70.	5.	264.286	16.257	5.	5.	20.	46.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/04/80-07/20/93	15 ##	2.	3.2	10.	2.	5.457	2.336	2.	2.	5.	7.6
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/15/77-07/20/93	23 ##	0.5	0.435	1.	0.	0.052	0.229	0.	0.5	0.5	0.5
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	24	5.	10.563	44.	0.5	129.289	11.371	1.	3.25	15.25	29.5
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	24	0.699	0.782	1.643	-0.301	0.251	0.501	0.	0.508	1.182	1.459
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.051								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	22	2.5	70.5	1400.	0.5	88285.119	297.128	0.5	0.5	12.5	34.1
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	22	0.389	0.512	3.146	-0.301	0.78	0.883	-0.301	-0.301	1.089	1.532
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.25								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/31/78-07/20/93	25	40.	40.84	53.	31.	45.307	6.731	31.6	35.	47.	50.8
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/31/78-07/17/91	19 ##	0.05	0.121	0.6	0.	0.031	0.177	0.	0.05	0.1	0.6
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/31/78-07/20/93	25	5.	7.16	26.	2.	29.64	5.444	2.	4.	9.5	14.8

** - 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 #4: 8/01 to 9/30 - Station OLYM0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/15/77-07/20/93	34	15.7	15.679	18.6	11.8	1.527	1.236	14.15	15.275	16.05	17.45
00025	BAROMETRIC PRESSURE (MM OF HG)	11/18/82-07/20/93	8	765.	764.	767.	760.	6.857	2.619	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/15/77-07/20/93	14	830.	1070.071	3070.	427.	589893.764	768.045	430.	513.	1417.5	2590.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/25/78-07/20/93	13	1.2	1.9	8.	0.4	3.955	1.989	0.44	0.65	2.45	5.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/15/77-07/20/93	34	74.	72.176	88.	7.	171.604	13.1	63.	71.75	76.5	81.5
00300	OXYGEN, DISSOLVED MG/L	11/15/77-07/20/93	34	10.	9.885	11.	8.2	0.222	0.471	9.15	9.8	10.	10.15
00400	PH (STANDARD UNITS)	11/15/77-07/20/93	34	7.3	7.361	8.3	7.	0.079	0.282	7.15	7.2	7.4	7.775
00400	CONVERTED PH (STANDARD UNITS)	11/15/77-07/20/93	34	7.3	7.301	8.3	7.	0.083	0.288	7.15	7.2	7.4	7.775
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/15/77-07/20/93	34	0.05	0.05	0.1	0.005	0.	0.02	0.017	0.04	0.063	0.071
00403	PH, LAB, STANDARD UNITS SU	10/09/80-07/20/93	9	7.8	7.767	8.2	7.3	0.092	0.304	7.3	7.5	8.05	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/09/80-07/20/93	9	7.8	7.673	8.2	7.3	0.102	0.32	7.3	7.5	8.05	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/80-07/20/93	9	0.016	0.021	0.05	0.006	0.	0.015	0.006	0.009	0.032	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/15/77-03/23/93	7	21.	21.857	28.	16.	18.81	4.337	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/23/79-07/20/93	11	0.01	0.026	0.08	0.005	0.001	0.026	0.005	0.005	0.04	0.076
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/15/77-11/18/92	9	0.01	0.018	0.05	0.005	0.	0.015	0.005	0.008	0.025	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	11/13/85-07/20/93	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/31/78-07/17/91	5	0.31	0.326	0.54	0.15	0.031	0.177	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/31/78-07/20/93	14	0.37	0.392	0.8	0.1	0.055	0.234	0.1	0.18	0.63	0.75
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/12/79-07/20/93	12 ##	0.05	0.054	0.1	0.025	0.	0.021	0.027	0.05	0.05	0.097
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/15/77-07/20/93	14	0.01	0.015	0.04	0.005	0.	0.01	0.005	0.01	0.02	0.035
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/31/78-07/20/93	14	0.01	0.013	0.02	0.005	0.	0.006	0.005	0.01	0.02	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/15/77-07/20/93	9 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/15/77-07/20/93	13	11.	10.162	11.	8.1	1.113	1.055	8.26	9.4	11.	11.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/15/77-07/20/93	13	1.1	1.108	1.3	0.9	0.014	0.119	0.9	1.05	1.2	1.26
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/15/77-07/20/93	13	3.	2.985	3.5	2.5	0.088	0.297	2.5	2.8	3.2	3.42
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/15/77-07/20/93	13	0.3	0.385	0.6	0.3	0.013	0.114	0.3	0.3	0.45	0.6
00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/77-07/20/93	13	2.	2.385	4.	2.	0.423	0.65	2.	2.	3.	3.6
00945	SULFATE, TOTAL (MG/L AS SO4)	11/15/77-07/20/93	13	9.	8.615	10.	5.	1.423	1.193	6.2	8.5	9.	9.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/31/78-07/20/93	13	0.1	0.092	0.2	0.05	0.003	0.053	0.05	0.05	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/31/78-07/20/93	13	5.3	5.354	6.	4.9	0.144	0.38	4.94	5.	5.7	5.96
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/15/77-07/17/91	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/15/77-07/20/93	7	15.	15.	19.	12.	6.667	2.582	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/18/82-07/17/91	6 ##	0.25	0.467	1.	0.25	0.117	0.342	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/15/77-07/17/91	6 ##	0.5	0.75	2.	0.5	0.375	0.612	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/15/77-07/17/91	6 ##	0.5	1.5	6.	0.5	4.9	2.214	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	01/31/78-07/20/93	7 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/15/77-07/17/91	6	2.5	3.	6.	1.	3.2	1.789	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/31/78-07/20/93	7	28.	31.714	53.	25.	97.238	9.861	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/15/77-07/17/91	6	2.25	2.167	3.	1.	0.467	0.683	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/31/78-07/20/93	7	5.	5.	6.	4.	0.667	0.816	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/18/82-07/20/93	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/23/79-07/20/93	7 ##	0.5	1.429	4.	0.5	2.119	1.456	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	11/15/77-07/20/93	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	11/18/82-07/20/93	7	82.	79.857	85.	71.	26.476	5.146	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/18/82-07/20/93	7 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/15/77-07/17/91	6	13.	14.333	26.	8.	38.267	6.186	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/04/80-07/20/93	7	10.	12.857	20.	5.	48.81	6.986	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	06/04/80-07/20/93	7 ##	2.	4.143	12.	2.	15.476	3.934	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/15/77-07/20/93	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	12	17.5	34.917	120.	0.	1536.992	39.204	1.2	5.25	57.25	111.9
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/15/77-07/20/93	12	1.167	1.202	2.079	0.	0.413	0.643	0.181	0.719	1.757	2.046
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			15.908								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	13	15.	92.077	810.	1.	49332.744	222.11	1.	3.	44.5	566.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/15/77-07/20/93	13	1.176	1.177	2.908	0.	0.745	0.863	0.	0.452	1.647	2.666
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			15.03								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/31/78-07/20/93	13	43.	43.692	55.	37.	23.897	4.889	37.8	39.5	46.	52.6
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/31/78-07/17/91	6 ##	0.125	0.142	0.3	0.05	0.011	0.107	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/31/78-07/20/93	13	2.	2.769	4.	1.	1.192	1.092	1.4	2.	4.	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: OLYM0259

NPS Station ID: OLYM0259
LAT/LON: 47.762504/-124.314170
Agency: 112WRD
Date Created: 03/16/79
Location: HOH RIVER AT MILE 8.9 NR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041212
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 8.750
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0259

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	22.	22.	22.	22.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.342	1.342	1.342	1.342	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			22.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0259

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0260

NPS Station ID: OLYM0260 LAT/LON: 47.751948/-124.321116 Agency: 112WRD Date Created: 03/16/79
Location: NOLAN CREEK AT HWY 101 BRIDGE NR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12041217
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 7.020 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	40.	40.	40.	40.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.602	1.602	1.602	1.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			40.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0260

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0261

NPS Station ID: OLYM0261
LAT/LON: 47.874726/-124.330838
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R AT RM 17.45
FIPS State/County: 53036 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475229124195101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	11.1	11.1	12.4	9.8	3.38	1.838	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	80.	80.	80.	80.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.25	11.25	11.8	10.7	0.605	0.778	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.065	0.065	0.09	0.04	0.001	0.035	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	85.	85.	140.	30.	6050.	77.782	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.812	1.812	2.146	1.477	0.224	0.473	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			64.807								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.903	0.903	0.903	0.903	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			8.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0261

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0262

NPS Station ID: OLYM0262
LAT/LON: 47.970559/-124.331392
Agency: 112WRD
Date Created: 01/25/77
Location: NF CALAWAH R AT MOUTH (RM 10.25)
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475814124195301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0262

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	2	9.9	9.9	12.	7.8	8.82	2.97	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	62.	62.	64.	60.	8.	2.828	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	2	11.1	11.1	11.5	10.7	0.32	0.566	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.125	0.125	0.22	0.03	0.018	0.134	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.17	0.17	0.24	0.1	0.01	0.099	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	81.5	81.5	160.	3.	12324.5	111.016	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	1.341	1.341	2.204	0.477	1.491	1.221	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.909								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			20.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0262

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0263

NPS Station ID: OLYM0263
LAT/LON: 47.541671/-124.331948
Agency: 112WRD
Date Created: / /
Location: QUEETS RIVER AT QUEETS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12040600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100102036
RF1 Mile Point: 1.630
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/60-08/08/72	36	8.4	10.189	20.	4.2	19.386	4.403	5.2	6.55	14.75	16.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/14/71-08/08/72	5	6500.	5650.	9300.	1750.	13310000.	3648.287	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/27/71-08/08/72	6	6.	7.833	15.	5.	16.167	4.021	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/19/60-08/08/72	38	7.	12.868	80.	0.	230.442	15.18	4.5	5.	15.	29.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/60-08/08/72	38	61.	59.842	81.	30.	143.488	11.979	43.	50.75	71.	74.1
00300	OXYGEN, DISSOLVED MG/L	09/07/60-08/08/72	30	11.45	11.193	12.9	9.2	1.308	1.143	9.43	10.05	12.175	12.6
00400	PH (STANDARD UNITS)	07/19/60-08/08/72	38	7.2	7.134	7.5	6.4	0.049	0.222	6.89	7.	7.3	7.41
00400	CONVERTED PH (STANDARD UNITS)	07/19/60-08/08/72	38	7.2	7.069	7.5	6.4	0.054	0.232	6.89	7.	7.3	7.41
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/60-08/08/72	38	0.063	0.085	0.398	0.032	0.004	0.062	0.039	0.05	0.1	0.129
00405	CARBON DIOXIDE (MG/L AS CO2)	04/11/72-08/08/72	3	2.5	2.567	3.2	2.	0.363	0.603	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/02/61-08/08/72	21	20.	19.238	25.	8.	23.49	4.847	11.2	16.	23.5	25.
00440	BICARBONATE ION (MG/L AS HCO3)	07/19/60-08/08/72	38	24.	23.737	32.	10.	31.28	5.593	15.9	20.	28.25	30.1
00445	CARBONATE ION (MG/L AS CO3)	07/19/60-10/27/71	33	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/71-08/08/72	6	0.04	0.057	0.12	0.01	0.002	0.043	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	6 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/71-08/08/72	6	0.07	0.078	0.15	0.02	0.002	0.046	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	5	0.13	0.136	0.19	0.07	0.002	0.047	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/19/60-06/03/65	16	0.01	0.016	0.04	0.	0.	0.015	0.	0.003	0.028	0.04
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/02/61-06/16/64	8	0.01	0.014	0.04	0.	0.	0.012	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/71-08/08/72	6	0.02	0.023	0.04	0.01	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/71-08/08/72	6 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/19/60-08/08/72	38	23.	22.158	30.	10.	32.245	5.678	14.8	16.75	28.	29.1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/19/60-08/08/72	38	2.	2.763	6.	0.	2.402	1.55	0.9	2.	4.	4.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/60-08/08/72	38	7.8	7.592	10.	3.5	3.873	1.968	4.93	6.	9.525	10.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/60-08/08/72	38	0.75	0.782	1.3	0.2	0.066	0.257	0.39	0.6	0.9	1.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/60-08/08/72	38	2.35	2.387	3.2	1.3	0.135	0.368	1.9	2.175	2.6	2.91
00931	SODIUM ADSORPTION RATIO	11/02/61-08/08/72	19	0.2	0.242	0.3	0.1	0.004	0.061	0.2	0.2	0.3	0.3
00932	SODIUM, PERCENT	11/02/61-08/08/72	19	20.	20.684	31.	11.	31.006	5.568	14.	16.	24.	31.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/60-08/08/72	38	0.3	0.347	1.	0.	0.047	0.218	0.09	0.2	0.4	0.7
00940	CHLORIDE,TOTAL IN WATER MG/L	07/19/60-08/08/72	38	2.	2.155	3.	0.9	0.413	0.643	1.	2.	3.	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/60-06/04/70	32	6.	6.406	10.	4.	3.088	1.757	4.	5.	8.	9.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/60-06/04/70	32	0.1	0.081	0.1	0.	0.002	0.04	0.	0.1	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/60-06/04/70	32	5.1	5.053	6.1	3.9	0.282	0.531	4.23	4.65	5.475	5.8
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/60-10/19/67	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01020	BORON, DISSOLVED (UG/L AS B)	09/07/60-11/14/68	15	10.	11.333	60.	0.	269.524	16.417	0.	0.	20.	42.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/07/60-05/18/67	13	0.	3.846	10.	0.	25.641	5.064	0.	0.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/19/67-09/10/69	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/07/60-09/10/69	16	20.	58.75	550.	0.	17865.	133.66	0.	0.	60.	221.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	07/19/60-06/03/65	23	130.	350.435	3000.	60.	387849.802	622.776	80.	90.	360.	868.
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/02/61-09/10/69	14	0.	7.857	100.	0.	710.44	26.654	0.	0.	0.	55.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/71-08/08/72	6	280.	285.	500.	100.	28150.	167.78	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/27/71-08/08/72	6	2.403	2.381	2.699	2.	0.083	0.289	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			240.187								
31507	COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508)	07/19/60-08/02/66	26	36.	86.308	430.	0.	11344.862	106.512	0.	6.75	150.	230.
31507	LOG COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 3150	07/19/60-08/02/66	26	1.556	1.427	2.633	0.	0.779	0.883	0.	0.716	2.176	2.362
31507	GM COLIFORM,TOT,MPN,COMPLETED TEST,35C (TUBE 31508	GEOMETRIC MEAN =			26.754								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/19/60-06/04/70	32	40.5	40.25	49.	26.	35.484	5.957	32.	37.	46.	47.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/19/67-06/04/70	3	38.	38.667	44.	34.	25.333	5.033	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/02/61-06/04/70	13	0.06	0.055	0.06	0.04	0.	0.007	0.044	0.05	0.06	0.06
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/60-06/04/70	32	0.2	0.266	1.4	0.	0.077	0.278	0.	0.1	0.3	0.57

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	30	0	0.00	4	0	0.00	10	0	0.00	10	0	0.00	6	0	0.00
00400	PH	Fresh Chronic	9.	38	0	0.00	6	0	0.00	11	0	0.00	14	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	38	1	0.03	6	0	0.00	11	1	0.09	14	0	0.00	7	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	38	0	0.00	6	0	0.00	11	0	0.00	14	0	0.00	7	0	0.00
		Drinking Water	250.	38	0	0.00	6	0	0.00	11	0	0.00	14	0	0.00	7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	32	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	6	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	32	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	6	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	14	0	0.00	2	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	50.	14	0	0.00	2	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	13	0	0.00	1	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	2	0	0.00							1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	16	9	0.56	3	1	0.33	5	5	1.00	5	2	0.40	3	1	0.33
		Drinking Water	1300.	16	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00	3	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5000.	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	26	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00	5	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	32	0	0.00	5	0	0.00	9	0	0.00	12	0	0.00	6	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/60-06/04/70	5	6.	6.4	9.	5.	2.8	1.673	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/60-06/04/70	5	0.1	0.08	0.1	0.	0.002	0.045	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/60-06/04/70	5	5.1	5.24	6.1	4.2	0.553	0.744	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/19/60-06/04/70	5	40.	41.6	47.	37.	21.3	4.615	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/60-06/04/70	5	0.4	0.4	0.8	0.	0.1	0.316	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/60-06/04/70	9	5.	4.778	6.	4.	0.694	0.833	4.	4.	5.5	6.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/60-06/04/70	9	0.1	0.056	0.1	0.	0.003	0.053	0.	0.	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/60-06/04/70	9	5.1	5.1	5.8	3.9	0.343	0.585	3.9	4.8	5.6	5.8
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/19/60-06/04/70	9	34.	33.667	43.	26.	25.25	5.025	26.	30.5	36.5	43.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/60-06/04/70	9	0.3	0.3	0.5	0.	0.02	0.141	0.	0.25	0.4	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/60-06/04/70	12	6.5	6.417	8.	4.	1.356	1.165	4.3	6.	7.	8.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/60-06/04/70	12	0.1	0.092	0.1	0.	0.001	0.029	0.03	0.1	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/60-06/04/70	12	5.	4.967	5.9	4.2	0.261	0.51	4.23	4.525	5.3	5.78
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/19/60-06/04/70	12	41.	41.583	47.	37.	13.356	3.655	37.3	38.	45.5	46.7
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/60-06/04/70	12	0.1	0.225	1.4	0.	0.148	0.384	0.	0.025	0.275	1.07

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	07/19/60-06/04/70	6	8.5	8.833	10.	8.	0.967	0.983	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/60-06/04/70	6	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/60-06/04/70	6	5.05	5.	5.5	4.6	0.124	0.352	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/19/60-06/04/70	6	46.5	46.333	49.	43.	4.667	2.16	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/60-06/04/70	6	0.15	0.183	0.3	0.1	0.01	0.098	**	**	**	**

** - Less than 9 observations ## - Computed 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: OLYM0264

NPS Station ID: OLYM0264
LAT/LON: 47.968893/-124.332781
Agency: 112WRD
Date Created: 01/25/77
Location: SF CALAWAH R AT MOUTH (RM 10.4)
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475808124195801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	2	10.6	10.6	13.8	7.4	20.48	4.525	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	64.	64.	68.	60.	32.	5.657	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	2	11.1	11.1	11.7	10.5	0.72	0.849	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.035	0.035	0.06	0.01	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2 ##	0.048	0.048	0.09	0.005	0.004	0.06	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	163.5	163.5	310.	17.	42924.5	207.182	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	1.861	1.861	2.491	1.23	0.795	0.892	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			72.595								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			3.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.048	0.048	0.09	0.005	0.004	0.06	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0264

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0265

NPS Station ID: OLYM0265 LAT/LON: 47.541671/-124.333059 Agency: 21540000 Date Created: / /
Location: QUEETS RIVER AT QUEETS FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 21A070 /3121A070 /12040600 /541080
RMI-Indexes: 1312055 Within Park Boundary: No
RMI-Miles: 0001.50
HUC: 17100102 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COASTAL (QUEETS QUINAULT-21) ECO Region:
RF1 Index: 17100102036 RF1 Mile Point: 1.630 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED AT THE BRIDGE ON HIGHWAY 101 AT QUEETS SOUTHWEST REGION
15 QUAD- DESTRUCTION ISLAND ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 30

Parameter Inventory for Station: OLYM0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/26/93-09/27/94	12	9.4	10.317	16.7	5.	20.029	4.475	5.09	5.9	14.625	16.43
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/27/94	12	766.	766.917	776.	763.	16.083	4.01	763.	765.	767.	775.4
00060	FLOW, STREAM, MEAN DAILY CFS	10/26/93-09/27/94	12	1770.	2506.25	5770.	523.	3226771.295	1796.322	570.7	982.5	4265.	5560.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/02/61-06/03/65	10	5.	51.5	400.	0.	15350.278	123.896	0.5	5.	27.5	366.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/93-09/27/94	12	61.5	61.417	76.	49.	91.902	9.587	49.6	51.5	68.75	76.
00300	OXYGEN, DISSOLVED MG/L	10/26/93-09/27/94	12	11.55	11.292	12.4	10.1	0.704	0.839	10.13	10.45	11.975	12.37
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/27/94	12	99.15	98.883	105.3	94.2	10.683	3.269	94.56	96.25	101.5	104.4
00400	PH (STANDARD UNITS)	10/26/93-09/27/94	12	7.55	7.467	7.8	7.	0.055	0.235	7.06	7.25	7.6	7.77
00400	CONVERTED PH (STANDARD UNITS)	10/26/93-09/27/94	12	7.547	7.404	7.8	7.	0.059	0.244	7.06	7.25	7.6	7.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/26/93-09/27/94	12	0.028	0.039	0.1	0.016	0.001	0.025	0.017	0.025	0.057	0.089
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/27/94	12	4.	6.417	17.	2.	24.447	4.944	2.	2.25	10.5	15.5
00600	NITROGEN, TOTAL (MG/L AS N)	10/26/93-08/23/94	10	0.16	0.163	0.33	0.03	0.013	0.114	0.032	0.058	0.27	0.327
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-08/23/94	11 ##	0.005	0.008	0.019	0.005	0.	0.005	0.005	0.005	0.013	0.018
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/04/70	31	0.2	0.271	1.4	0.	0.079	0.281	0.	0.1	0.3	0.58
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/27/94	11	0.08	0.104	0.24	0.005	0.01	0.101	0.005	0.005	0.23	0.24
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/93-08/23/94	10 ##	0.005	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.016	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/27/94	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/27/94	12	8.	19.5	69.	3.	465.	21.564	3.3	4.25	36.	62.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/27/94	12	0.903	1.052	1.839	0.477	0.221	0.47	0.515	0.626	1.556	1.786
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.263								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/27/94	12	4.7	5.4	12.	1.3	12.393	3.52	1.33	2.825	7.775	11.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0265

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	10	2	0.20	1	0	0.00	4	2	0.50	4	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0265

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	31	0	0.00	5	0	0.00	9	0	0.00	11	0	0.00	6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station OLYM0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/04/70	5	0.4	0.4	0.8	0.	0.1	0.316	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station OLYM0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/04/70	9	0.3	0.3	0.5	0.	0.02	0.141	0.	0.25	0.4	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 7/31 - Station OLYM0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/04/70	11	0.1	0.236	1.4	0.	0.161	0.401	0.	0.	0.3	1.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 8/01 to 9/30 - Station OLYM0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/19/60-06/04/70	6	0.15	0.183	0.3	0.1	0.01	0.098	**	**	**	**

** - Less than 9 observations ## - Computed 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: OLYM0266

NPS Station ID: OLYM0266
LAT/LON: 47.751948/-124.334727
Agency: 112WRD
Date Created: 12/11/78
Location: HOH RIVER AT MILE 6.7 NR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041214
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 6.480
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/78-09/20/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/78-09/20/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/78-09/20/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/78-09/20/78	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/20/78-09/20/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/78-09/20/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/78-09/20/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/78-09/20/78	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.255	1.255	1.255	1.255	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			18.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/78-09/20/78	1	49.	49.	49.	49.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/78-09/20/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0266

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0267

NPS Station ID: OLYM0267 LAT/LON: 47.739448/-124.347504 Agency: 112WRD Date Created: 03/16/79
Location: BRADEN CREEK AT HWY 101 BRIDGE NR FORKS, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12041220
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 4.570 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.041	1.041	1.041	1.041	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			11.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0267

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0268

NPS Station ID: OLYM0268
LAT/LON: 48.256670/-124.352782
Agency: 21540000
Date Created: / /
Location: HOKO RIVER NEAR SEKIU
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 19B090 /0919B090 /12043304
RMI-Indexes: 1312008
Within Park Boundary: No
RMI-Miles: 0003.50
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COASTAL (LYRE HOKO-19)
ECO Region:
RF1 Index: 17110021007
RF1 Mile Point: 0.240
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
STATION LOCATED APPROX. 2.25 MILES DUE WEST OF SEKIU ON THE OZETTE HIGHWAY ON THE HOKO RIVER JUST UPSTREAM FROM THE CONFLUENCE OF THE LITTLE HOKO RIVER
SOUTHWEST REGION
15 QUAD- CLALLAM BAY
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 160

Parameter Inventory for Station: OLYM0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: OLYM0269

NPS Station ID: OLYM0269
LAT/LON: 48.256670/-124.352782
Agency: 112WRD
Date Created: / /
Location: HOKO R ABV LITTLE HOKO R NR SEKIU
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043304
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021007
RF1 Mile Point: 0.240
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0269

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/29/72-09/17/74	12	7.5	9.35	15.7	4.9	13.854	3.722	5.2	6.2	13.	14.98
00061	FLOW, STREAM, INSTANTANEOUS CFS	11/29/72-09/17/74	12	326.5	603.333	2570.	25.	569674.606	754.768	28.6	68.	1046.25	2189.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/29/72-09/17/74	12	5.	13.333	90.	1.	621.152	24.923	1.	1.	13.75	69.
00080	COLOR (PLATINUM-COBALT UNITS)	11/29/72-09/17/74	12	31.	31.583	66.	0.	314.811	17.743	4.5	17.75	44.	61.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/29/72-09/17/74	12	68.	68.75	100.	41.	308.023	17.551	42.8	55.75	80.25	97.6
00300	OXYGEN, DISSOLVED MG/L	11/29/72-09/17/74	12	11.75	11.375	12.8	9.	1.631	1.277	9.27	10.25	12.55	12.8
00400	PH (STANDARD UNITS)	11/29/72-09/17/74	12	7.25	7.292	7.6	6.9	0.039	0.198	6.96	7.2	7.475	7.57
00400	CONVERTED PH (STANDARD UNITS)	11/29/72-09/17/74	12	7.247	7.249	7.6	6.9	0.041	0.202	6.96	7.2	7.475	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/29/72-09/17/74	12	0.057	0.056	0.126	0.025	0.001	0.028	0.027	0.034	0.063	0.112
00405	CARBON DIOXIDE (MG/L AS CO2)	11/29/72-09/25/73	6	2.15	2.317	3.6	1.5	0.598	0.773	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	6	23.	24.167	36.	14.	86.967	9.326	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/29/72-09/25/73	6	28.	29.5	44.	17.	133.5	11.554	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/29/72-09/17/74	12	0.055	0.075	0.25	0.01	0.005	0.071	0.013	0.02	0.123	0.217
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/29/72-05/30/73	4	0.005	0.009	0.022	0.003	0.	0.009	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/29/72-09/25/73	6	0.245	0.245	0.41	0.1	0.013	0.113	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-09/17/74	6	0.18	0.198	0.41	0.07	0.016	0.126	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	01/16/73-09/17/74	11	0.	0.005	0.02	0.	0.	0.008	0.	0.	0.01	0.02
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/29/72-09/17/74	12	0.011	0.026	0.12	0.006	0.001	0.033	0.006	0.009	0.03	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/29/72-09/17/74	12	0.005	0.004	0.006	0.001	0.	0.002	0.001	0.001	0.005	0.006
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/29/72-09/25/73	6	23.	22.667	30.	14.	35.867	5.989	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/29/72-09/25/73	6	0.	0.833	3.	0.	1.767	1.329	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/29/72-09/25/73	6	6.7	6.733	9.2	4.	3.627	1.904	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/29/72-09/25/73	6	1.5	1.45	1.8	1.	0.119	0.345	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/29/72-09/25/73	6	4.45	4.533	6.	3.3	0.935	0.967	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/29/72-09/25/73	6	0.4	0.417	0.5	0.4	0.002	0.041	**	**	**	**
00932	SODIUM, PERCENT	11/29/72-09/25/73	6	29.	29.667	33.	28.	3.067	1.751	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/29/72-09/25/73	6	0.45	0.65	1.8	0.3	0.331	0.575	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/29/72-09/25/73	6	4.	4.	5.	3.	0.4	0.632	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	6	5.5	6.	10.	3.	5.6	2.366	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/29/72-09/17/74	12	400.	539.167	1600.	120.	205081.061	452.859	132.	200.	717.5	1480.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/29/72-09/17/74	12	2.599	2.603	3.204	2.079	0.122	0.349	2.117	2.301	2.854	3.167
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			400.983								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0269

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	1	0.08	2	0	0.00	4	1	0.25	4	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00400	PH	Fresh Chronic	9.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	2	0.17	2	0	0.00	4	0	0.00	4	1	0.25	2	1	0.50

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0270

NPS Station ID: OLYM0270
LAT/LON: 48.274448/-124.355281
Agency: 21540000
Date Created: / /
Location: HOKO RIVER NEAR MOUTH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 19B070 /0919B070 /12043330
RMI-Indexes: 1312008
Within Park Boundary: No
RMI-Miles: 0001.30
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COASTAL (LYRE HOKO-19)
ECO Region:
RF1 Index: 17110021006
RF1 Mile Point: 0.870
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED IN THE HOKO RIVER AT THE BRIDGE ON HIGHWAY 112, 2.5 MILES NORTHWEST OF SEKIU
SOUTHWEST REGION 15 QUAD- CLALLAM BAY
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 60

Parameter Inventory for Station: OLYM0270

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: OLYM0271

NPS Station ID: OLYM0271
LAT/LON: 47.894448/-124.355281
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R NR FORKS, WASH.
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12042800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101013
RF1 Mile Point: 7.090
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	11.45	11.45	12.5	10.4	2.205	1.485	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/25/76-10/05/77	2	228.	228.	251.	205.	1058.	32.527	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	79.	79.	80.	78.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.35	11.35	12.1	10.6	1.125	1.061	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	27.5	27.5	33.	22.	60.5	7.778	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.43	1.43	1.519	1.342	0.016	0.125	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			26.944								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			10.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0271

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0272

NPS Station ID: OLYM0272
LAT/LON: 48.274448/-124.355281
Agency: 112WRD
Date Created: / /
Location: HOKO R. NR. SEKIU
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043330
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021006
RF1 Mile Point: 0.870
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0272

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/68-08/08/72	6	9.55	10.833	18.9	5.5	36.631	6.052	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/14/71-08/08/72	5	706.	601.4	1330.	37.	314856.3	561.121	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/14/71-08/08/72	5	5.	7.4	20.	1.	63.3	7.956	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	02/12/68-02/12/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	02/12/68-08/08/72	7	12.	18.	41.	5.	159.333	12.623	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/12/68-08/08/72	7	66.	761.714	2590.	52.	1242078.905	1114.486	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/14/71-08/08/72	5	12.2	10.96	12.7	7.8	4.423	2.103	**	**	**	**
00400	PH (STANDARD UNITS)	02/12/68-08/08/72	7	7.2	7.286	7.6	7.	0.051	0.227	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/12/68-08/08/72	7	7.2	7.24	7.6	7.	0.054	0.232	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/12/68-08/08/72	7	0.063	0.058	0.1	0.025	0.001	0.026	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/11/72-08/08/72	3	3.8	3.333	3.9	2.3	0.803	0.896	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/12/68-08/08/72	7	21.	23.286	32.	15.	56.905	7.544	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/12/68-08/08/72	7	26.	28.286	39.	18.	85.571	9.25	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/12/68-06/25/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/71-08/08/72	5	0.07	0.068	0.11	0.04	0.001	0.029	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	12/14/71-08/08/72	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/14/71-08/08/72	5	0.09	0.168	0.35	0.06	0.017	0.129	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	5	0.18	0.194	0.26	0.15	0.002	0.041	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/71-08/08/72	5	0.02	0.022	0.05	0.01	0.	0.016	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/14/71-08/08/72	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/12/68-08/08/72	7	22.	83.143	260.	15.	10540.143	102.665	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/12/68-08/08/72	7	1.	60.714	230.	0.	9421.238	97.063	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/12/68-08/08/72	7	6.1	10.871	27.	4.3	81.659	9.037	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/12/68-08/08/72	7	1.6	13.386	46.	1.	368.755	19.203	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/12/68-08/08/72	7	4.5	109.186	410.	3.9	28520.005	168.879	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/12/68-08/08/72	7	0.4	3.5	11.	0.4	20.883	4.57	**	**	**	**
00932	SODIUM, PERCENT	02/12/68-08/08/72	7	36.	50.286	77.	30.	452.905	21.282	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/12/68-08/08/72	7	0.9	3.957	13.	0.	30.87	5.556	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/12/68-08/08/72	7	5.	212.571	850.	3.	117430.619	342.682	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/68-06/25/68	2	10.	10.	16.	4.	72.	8.485	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/12/68-06/25/68	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/12/68-06/25/68	2	10.05	10.05	11.	9.1	1.805	1.344	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/12/68-06/25/68	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/12/68-06/25/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/14/71-08/08/72	5	270.	374.	700.	150.	67130.	259.095	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/14/71-08/08/72	5	2.431	2.481	2.845	2.176	0.102	0.32	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			302.942								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/12/68-06/25/68	2	118.5	118.5	193.	44.	11100.5	105.359	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0272

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/12/68-06/25/68	2	0.16	0.16	0.26	0.06	0.02	0.141	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/12/68-06/25/68	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0272

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00				2	0	0.00	2	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00				2	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	7	0	0.00				3	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00				3	0	0.00	3	0	0.00	1	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00				2	0	0.00	2	0	0.00	1	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00				2	0	0.00	2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00				3	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	250.	7	2	0.29				3	0	0.00	3	1	0.33	1	1	1.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00				1	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	0	0.00				2	0	0.00	2	0	0.00	1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0273

NPS Station ID: OLYM0273
LAT/LON: 47.967227/-124.355837
Agency: 112WRD
Date Created: 01/25/77
Location: CALAWAH R AT RM 9.1
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475802124212101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	2	10.6	10.6	13.6	7.6	18.	4.243	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	64.5	64.5	67.	62.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	2	11.45	11.45	12.1	10.8	0.845	0.919	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	100.	100.	190.	10.	16200.	127.279	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	1.639	1.639	2.279	1.	0.818	0.904	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			43.589								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0273

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0274

NPS Station ID: OLYM0274
LAT/LON: 47.966392/-124.356670
Agency: 112WRD
Date Created: 01/25/77
Location: ELK CR AT MOUTH (RM 9.0)
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475759124212401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	2	10.	10.	11.7	8.3	5.78	2.404	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	52.	52.	53.	51.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	2	11.1	11.1	11.6	10.6	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.05	0.05	0.08	0.02	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	445.	445.	840.	50.	312050.	558.614	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	2.312	2.312	2.924	1.699	0.751	0.866	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			204.939								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0274

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0275

NPS Station ID: OLYM0275
LAT/LON: 47.608559/-124.356892
Agency: 11NPSWRD
Date Created: 04/25/98
Location: STEAMBOAT CREEK
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-STC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100102
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100102
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE QUEETS WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON STEAMBOAT CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0275

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/95-10/12/97	2	45.	45.	48.	42.	18.	4.243	**	**	**	**
00400	PH (STANDARD UNITS)	07/25/95-10/12/97	2	6.75	6.75	7.	6.5	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/25/95-10/12/97	2	6.682	6.682	7.	6.5	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/95-10/12/97	2	0.208	0.208	0.316	0.1	0.023	0.153	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/25/95-10/12/97	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/25/95-10/12/97	2	14.	14.	17.	11.	18.	4.243	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	10/12/97-10/12/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/25/95-10/12/97	3	0.012	0.012	0.015	0.009	0.	0.003	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/25/95-07/25/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/25/95-10/12/97	3	0.02	0.04	0.08	0.02	0.001	0.035	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/25/95-10/12/97	3	0.005	0.004	0.006	0.001	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/25/95-10/12/97	2	0.004	0.004	0.004	0.003	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/25/95-10/12/97	2	1.65	1.65	1.8	1.5	0.045	0.212	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/25/95-10/12/97	2	1.05	1.05	1.1	1.	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/25/95-10/12/97	2	5.16	5.16	5.51	4.81	0.245	0.495	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/25/95-10/12/97	2	0.375	0.375	0.38	0.37	0.	0.007	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/25/95-10/12/97	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/25/95-10/12/97	2	3.4	3.4	3.5	3.3	0.02	0.141	**	**	**	**
50938	ANION - CATION RATIO	07/25/95-10/12/97	2	1.05	1.05	1.08	1.02	0.002	0.042	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/25/95-10/12/97	2	38.5	38.5	50.	27.	264.5	16.263	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0275

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	1	0.50	1	1	1.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0276

NPS Station ID: OLYM0276 | LAT/LON: 47.608059/-124.361115 | Agency: 11NPSWRD | Date Created: 04/25/98
Location: KALALOCH CREEK | FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): OLYM_NPS_RM-KC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100102 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: WASHINGTON COAST | ECO Region:
RF1 Index: 17100102 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE QUEETS WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON KALALOCH CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/95-10/12/97	3	56.	52.333	59.	42.	82.333	9.074	**	**	**	**
00400	PH (STANDARD UNITS)	07/26/95-10/12/97	3	7.	7.033	7.2	6.9	0.023	0.153	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/26/95-10/12/97	3	7.	7.016	7.2	6.9	0.024	0.154	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/95-10/12/97	3	0.1	0.096	0.126	0.063	0.001	0.032	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/26/95-10/12/97	3	3.	2.667	3.	2.	0.333	0.577	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/26/95-10/12/97	3	22.	25.333	49.	5.	492.333	22.189	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	01/01/97-10/12/97	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/26/95-10/12/97	3	0.005	0.004	0.007	0.	0.	0.004	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/26/95-07/26/95	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/26/95-10/12/97	4	0.19	0.188	0.28	0.09	0.011	0.107	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/26/95-10/12/97	3	0.003	0.004	0.007	0.001	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/26/95-10/12/97	3	0.002	0.002	0.004	0.001	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/26/95-10/12/97	3	3.2	2.833	3.5	1.8	0.823	0.907	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/26/95-10/12/97	3	1.2	1.1	1.4	0.7	0.13	0.361	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/26/95-10/12/97	3	4.8	4.333	4.98	3.22	0.938	0.968	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/26/95-10/12/97	3	0.49	0.433	0.54	0.27	0.021	0.144	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/26/95-10/12/97	3	6.	5.333	6.	4.	1.333	1.155	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/26/95-10/12/97	3	5.	4.733	6.5	2.7	3.663	1.914	**	**	**	**
50938	ANION - CATION RATIO	07/26/95-10/12/97	3	1.08	1.077	1.13	1.02	0.003	0.055	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/26/95-10/12/97	3	30.	32.333	51.	16.	310.333	17.616	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0277

NPS Station ID: OLYM0277
LAT/LON: 47.736115/-124.366392
Agency: 112WRD
Date Created: 12/11/78
Location: HOH RIVER AT MILE 4.3 NR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041223
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 3.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0277

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/78-09/20/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/78-09/20/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/78-09/20/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/78-09/20/78	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/20/78-09/20/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/78-09/20/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/78-09/20/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/78-09/20/78	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.114	1.114	1.114	1.114	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			13.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/78-09/20/78	1	49.	49.	49.	49.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/78-09/20/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0277

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0278

NPS Station ID: OLYM0278
LAT/LON: 47.968893/-124.381392
Agency: 112WRD
Date Created: 01/25/77
Location: CALAWAH R AT RM 7.55
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475808124225301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	2	10.7	10.7	13.7	7.7	18.	4.243	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	63.5	63.5	66.	61.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.08	0.08	0.13	0.03	0.005	0.071	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.05	0.05	0.08	0.02	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	122.5	122.5	240.	5.	27612.5	166.17	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	1.54	1.54	2.38	0.699	1.413	1.189	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.641								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			7.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0278

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0279

NPS Station ID: OLYM0279
LAT/LON: 48.020838/-124.381948
Agency: 21540000
Date Created: / /
Location: SOLEDUCK RIVER NEAR FORKS
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 20A090 /0920A090 /12042300
RMI-Indexes: 1312040
Within Park Boundary: No
RMI-Miles: 0023.40
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COASTAL (SOLEDUCK HOH-20)
ECO Region:
RF1 Index: 17100101021
RF1 Mile Point: 17.570
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED ON THE SOLEDUCK RIVER AT IVERSON FROM THE MAXFIELD ROAD BRIDGE, 4.6 MILES NORTH OF FORKS
SOUTHWEST REGION 15 QUAD- FORKS
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 360

Parameter Inventory for Station: OLYM0279

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/26/93-09/27/94	12	7.75	8.775	13.7	4.3	12.842	3.584	4.48	5.35	12.625	13.46
00025	BAROMETRIC PRESSURE (MM OF HG)	10/26/93-09/27/94	12	760.	759.167	772.	738.	64.697	8.043	743.1	757.25	761.75	770.5
00060	FLOW, STREAM, MEAN DAILY CFS	10/26/93-09/27/94	12	747.5	873.75	1800.	140.	364950.568	604.111	152.	312.5	1470.	1779.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/93-09/27/94	12	75.	76.833	99.	65.	124.515	11.159	65.	66.75	82.75	97.5
00300	OXYGEN, DISSOLVED MG/L	10/26/93-09/27/94	12	12.	11.642	12.6	10.2	0.763	0.873	10.35	10.75	12.4	12.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/26/93-09/27/94	12	98.45	99.458	103.5	95.3	8.017	2.831	95.72	97.15	102.375	103.41
00400	PH (STANDARD UNITS)	10/26/93-09/27/94	12	7.6	7.625	8.	7.2	0.075	0.273	7.2	7.425	7.875	8.
00400	CONVERTED PH (STANDARD UNITS)	10/26/93-09/27/94	12	7.6	7.546	8.	7.2	0.082	0.286	7.2	7.425	7.875	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/26/93-09/27/94	12	0.025	0.028	0.063	0.01	0.	0.018	0.01	0.013	0.038	0.063
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/93-09/27/94	12	1.	1.625	3.	0.5	1.188	1.09	0.5	0.625	3.	3.
00600	NITROGEN, TOTAL (MG/L AS N)	10/26/93-08/23/94	10	0.25	0.253	0.52	0.09	0.021	0.145	0.092	0.118	0.353	0.504
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/93-08/23/94	11 ##	0.005	0.008	0.021	0.005	0.	0.005	0.005	0.005	0.01	0.019
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/26/93-09/27/94	11	0.11	0.2	0.45	0.06	0.02	0.141	0.06	0.06	0.31	0.428
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/26/93-08/23/94	10 ##	0.005	0.006	0.015	0.005	0.	0.003	0.005	0.005	0.005	0.014
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/93-09/27/94	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/27/94	12	9.	17.75	56.	2.	351.477	18.748	2.	4.5	36.25	52.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/26/93-09/27/94	12	0.943	1.006	1.748	0.301	0.248	0.498	0.301	0.646	1.545	1.717
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.141								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/26/93-09/27/94	12	0.6	0.817	2.	0.05	0.388	0.623	0.11	0.25	1.375	1.85

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0279

Parameter				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00400	PH	Fresh Chronic	9.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0279

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0280

NPS Station ID: OLYM0280
LAT/LON: 48.020838/-124.381948
Agency: 112WRD
Date Created: / /
Location: SOLEDUCK RIVER NEAR FORKS, WASH.
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12042300
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101021
RF1 Mile Point: 17.570
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0280

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/71-09/17/74	18	6.3	8.389	16.8	4.4	15.389	3.923	4.67	5.375	11.7	15.81
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/14/71-08/08/72	5	1500.	1326.8	2150.	401.	483619.7	695.428	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/14/71-09/17/74	17	2.	6.059	45.	1.	113.684	10.662	1.	1.	6.	21.
00080	COLOR (PLATINUM-COBALT UNITS)	12/14/71-09/17/74	17	16.	17.824	55.	0.	192.779	13.885	4.	7.5	24.5	43.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/71-09/17/74	18	71.5	76.389	100.	48.	236.252	15.37	59.7	66.	94.	99.1
00300	OXYGEN, DISSOLVED MG/L	10/27/71-09/17/74	18	12.45	11.972	13.	9.7	1.123	1.06	9.79	11.1	12.9	13.
00400	PH (STANDARD UNITS)	10/27/71-09/17/74	18	7.5	7.461	7.8	7.	0.059	0.243	7.09	7.35	7.625	7.8
00400	CONVERTED PH (STANDARD UNITS)	10/27/71-09/17/74	18	7.5	7.395	7.8	7.	0.064	0.252	7.09	7.35	7.625	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/71-09/17/74	18	0.032	0.04	0.1	0.016	0.001	0.024	0.016	0.024	0.046	0.081
00405	CARBON DIOXIDE (MG/L AS CO2)	10/27/71-09/25/73	12	1.55	2.233	4.8	1.1	1.502	1.226	1.13	1.25	3.25	4.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/71-09/25/73	12	28.5	29.25	39.	20.	33.841	5.817	21.5	25.	33.25	39.
00440	BICARBONATE ION (MG/L AS HCO3)	10/27/71-09/25/73	12	34.5	35.5	48.	24.	52.636	7.255	25.8	30.	41.	47.7
00445	CARBONATE ION (MG/L AS CO3)	10/27/71-09/25/73	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	12/14/71-08/08/72	5	0.06	0.07	0.11	0.03	0.001	0.031	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/14/71-09/17/74	17	0.05	0.066	0.18	0.01	0.003	0.05	0.01	0.025	0.1	0.164
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/14/71-09/25/73	11	0.005	0.007	0.017	0.002	0.	0.004	0.003	0.005	0.01	0.016
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/14/71-09/25/73	11	0.06	0.102	0.26	0.01	0.007	0.085	0.012	0.04	0.17	0.252
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	12/14/71-08/08/72	5	0.13	0.122	0.22	0.04	0.005	0.068	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/14/71-09/17/74	17	0.06	0.109	0.26	0.02	0.007	0.082	0.02	0.04	0.19	0.236
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/14/71-09/17/74	17	0.	0.013	0.15	0.	0.001	0.036	0.	0.	0.01	0.054
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/14/71-09/17/74	17	0.01	0.019	0.11	0.003	0.001	0.026	0.005	0.007	0.02	0.062
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/14/71-09/17/74	17	0.005	0.007	0.05	0.001	0.	0.011	0.001	0.003	0.005	0.018
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/27/71-09/25/73	12	29.5	28.833	37.	16.	35.788	5.982	18.4	25.25	33.25	37.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/27/71-09/25/73	12	0.	0.5	4.	0.	1.364	1.168	0.	0.	0.75	3.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/71-09/25/73	12	9.35	9.283	12.	5.1	3.872	1.968	5.82	8.025	10.75	12.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/71-09/25/73	12	1.45	1.408	1.8	0.8	0.094	0.306	0.83	1.3	1.675	1.77
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/71-09/25/73	12	2.95	2.758	3.6	1.8	0.263	0.512	1.95	2.325	3.15	3.48
00931	SODIUM ADSORPTION RATIO	10/27/71-09/25/73	12	0.2	0.242	0.3	0.2	0.003	0.051	0.2	0.2	0.3	0.3
00932	SODIUM, PERCENT	10/27/71-09/25/73	12	17.5	17.25	23.	13.	12.023	3.467	13.	14.	20.75	22.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/71-09/25/73	12	0.35	0.483	1.9	0.2	0.212	0.461	0.2	0.3	0.475	1.51
00940	CHLORIDE,TOTAL IN WATER MG/L	10/27/71-09/25/73	12	2.	2.167	3.	1.	0.333	0.577	1.3	2.	2.75	3.
00945	SULFATE, TOTAL (MG/L AS SO4)	11/29/72-09/25/73	6	6.	6.333	12.	3.	9.067	3.011	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/27/71-09/17/74	18	145.	247.5	660.	75.	39603.676	199.007	75.	100.	372.5	651.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/27/71-09/17/74	18	2.159	2.271	2.82	1.875	0.109	0.33	1.875	2.	2.569	2.814
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			186.698								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0280

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
00400	PH	Fresh Chronic	9.	18	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	18	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	11	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	17	0	0.00	2	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	250.	12	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	18	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0281

NPS Station ID: OLYM0281
LAT/LON: 47.904727/-124.388892
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R AT RM 12.6
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475417124232001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0281

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	12.05	12.05	12.9	11.2	1.445	1.202	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	71.	71.	80.	62.	162.	12.728	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.3	11.3	12.2	10.4	1.62	1.273	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.065	0.065	0.1	0.03	0.002	0.049	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	21.5	21.5	26.	17.	40.5	6.364	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.323	1.323	1.415	1.23	0.017	0.13	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.024								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0281

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0282

NPS Station ID: OLYM0282 | LAT/LON: 47.960281/-124.391670 | Agency: 112WRD | Date Created: 01/25/77
Location: CALAWAH R NR FORKS, WASH. | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 12043000
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17100101014 | RF1 Mile Point: 5.370 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/24/75-09/28/78	127	7.5	7.915	14.	1.	6.838	2.615	5.	6.	10.	11.92
00060	FLOW, STREAM, MEAN DAILY CFS	08/24/76-10/06/77	2	177.5	177.5	185.	170.	112.5	10.607	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/24/75-09/28/78	138	1245.	1712.623	12500.	404.	2829776.893	1682.194	464.	682.5	2067.5	3498.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-09/26/78	52	2.	2.327	9.	0.	4.224	2.055	1.	1.	3.	5.
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	62.5	62.5	65.	60.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	2	11.7	11.7	12.4	11.	0.98	0.99	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.045	0.045	0.08	0.01	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	179.	179.	350.	8.	58482.	241.831	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	1.724	1.724	2.544	0.903	1.346	1.16	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			52.915								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12/24/75-09/28/78	138	10.5	47.942	1130.	0.	22160.77	148.865	1.	3.	28.25	100.7
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	12/24/75-09/28/78	138	25.5	767.202	38100.	0.	15502810.138	3937.361	2.17	6.35	154.25	968.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0282

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	52	0	0.00	17	0	0.00	8	0	0.00	10	0	0.00	17	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0283

NPS Station ID: OLYM0283
LAT/LON: 47.747226/-124.396115
Agency: 112WRD
Date Created: 03/16/79
Location: HOH RIVER AT MILE 2.3 NR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041226
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 2.030
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.176	1.176	1.176	1.176	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			15.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0283

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0284

NPS Station ID: OLYM0284 LAT/LON: 47.983616/-124.396671 Agency: 112WRD Date Created: 01/25/77
Location: SOLEDUCK R AT HWY 101 AT FORKS, WASH. FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12042400
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101021 RF1 Mile Point: 12.800 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	2	10.5	10.5	11.9	9.1	3.92	1.98	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/26/76-10/04/77	2	365.	365.	450.	280.	14450.	120.208	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	2	72.5	72.5	81.	64.	144.5	12.021	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	2	11.55	11.55	12.5	10.6	1.805	1.344	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	2	262.5	262.5	300.	225.	2812.5	53.033	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/26/76-10/04/77	2	2.415	2.415	2.477	2.352	0.008	0.088	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			259.808								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0284

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0285

NPS Station ID: OLYM0285 | LAT/LON: 47.711142/-124.405504 | Agency: 11NPSWRD | Date Created: 04/25/98
Location: CEDAR CREEK | FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): OLYM_NPS_RM-CDC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 0 | Water Body Id:
Minor Basin: WASHINGTON COAST | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE DESTRUCTION ISLAND WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON CEDAR CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/95-10/12/97	4	35.5	38.5	56.	27.	152.333	12.342	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/95-10/12/97	4	6.3	6.425	7.3	5.8	0.396	0.629	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/95-10/12/97	4	6.3	6.181	7.3	5.8	0.475	0.689	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/95-10/12/97	4	0.501	0.659	1.585	0.05	0.426	0.653	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/24/95-10/12/97	4	1.	1.4	3.	0.6	1.173	1.083	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/24/95-10/12/97	3	14.	18.667	40.	2.	377.333	19.425	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	12/04/96-10/12/97	2	0.095	0.095	0.11	0.08	0.	0.021	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/24/95-10/12/97	3	0.011	0.009	0.011	0.004	0.	0.004	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/24/95-07/24/95	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/24/95-10/12/97	3	0.03	0.022	0.03	0.007	0.	0.013	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/24/95-10/12/97	4	0.004	0.005	0.009	0.003	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/95-10/12/97	5	0.005	0.004	0.005	0.002	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/95-10/12/97	3	1.4	1.9	3.5	0.8	2.01	1.418	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/95-10/12/97	3	0.7	0.733	1.	0.5	0.063	0.252	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/95-10/12/97	3	3.78	3.89	5.17	2.72	1.51	1.229	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/95-10/12/97	3	0.29	0.28	0.35	0.2	0.006	0.075	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/24/95-10/12/97	3	6.	6.	7.	5.	1.	1.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/24/95-10/12/97	3	2.4	2.3	3.3	1.2	1.11	1.054	**	**	**	**
50938	ANION - CATION RATIO	07/24/95-10/12/97	3	0.99	1.017	1.08	0.98	0.003	0.055	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/24/95-10/12/97	3	31.	28.667	38.	17.	114.333	10.693	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0285

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	3	0.75	2	2	1.00	1	1	1.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0286

NPS Station ID: OLYM0286
LAT/LON: 47.952226/-124.410004
Agency: 112WRD
Date Created: 01/25/77
Location: CALAWAH R AT RM 5.1
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475708124243601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	2	10.85	10.85	13.8	7.9	17.405	4.172	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	66.	66.	67.	65.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	2	11.6	11.6	12.4	10.8	1.28	1.131	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	193.	193.	370.	16.	62658.	250.316	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	1.886	1.886	2.568	1.204	0.93	0.965	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			76.942								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0286

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0287

NPS Station ID: OLYM0287
Location: BOGACHIEL R AT RM 10.15
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 17100101
Major Basin:
Minor Basin:
RF1 Index: 17100101
RF3 Index:
Description:

LAT/LON: 47.924726/-124.410837
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 112WRD
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 475529124243901
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 01/25/77
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: OLYM0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	12.05	12.05	13.2	10.9	2.645	1.626	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	78.	78.	78.	78.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.25	11.25	12.2	10.3	1.805	1.344	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.18	0.18	0.25	0.11	0.01	0.099	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	86.	86.	140.	32.	5832.	76.368	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.826	1.826	2.146	1.505	0.205	0.453	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			66.933								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	1.114	1.114	1.114	1.114	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			13.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0287

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0288

NPS Station ID: OLYM0288
LAT/LON: 47.743615/-124.414726
Agency: 112WRD
Date Created: 07/18/78
Location: 26N/13W-20M01
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 474437124245301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0288

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/78-06/01/78	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/01/78-06/01/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/78-06/01/78	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/01/78-06/01/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/01/78-06/01/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/78-06/01/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/01/78-06/01/78	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/78-06/01/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/01/78-06/01/78	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/01/78-06/01/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/01/78-06/01/78	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/01/78-06/01/78	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/01/78-06/01/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/01/78-06/01/78	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/01/78-06/01/78	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/01/78-06/01/78	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/01/78-06/01/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/01/78-06/01/78	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/01/78-06/01/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/78-06/01/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/01/78-06/01/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/01/78-06/01/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/01/78-06/01/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/01/78-06/01/78	1	430.	430.	430.	430.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/01/78-06/01/78	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/78-06/01/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/01/78-06/01/78	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/01/78-06/01/78	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	06/01/78-06/01/78	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/01/78-06/01/78	1	59.	59.	59.	59.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/01/78-06/01/78	1	61.	61.	61.	61.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/01/78-06/01/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0288

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31625	FECAL COLIFORM, MF	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: OLYM0289

NPS Station ID: OLYM0289 LAT/LON: 47.742226/-124.416115 Agency: 112WRD Date Created: 06/29/78
Location: CHALAAT CR.AT TREATMENT PLANT, HOH RESV, WASH. FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12041230
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101002 RF1 Mile Point: 0.540 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/78-05/22/79	7	10.8	8.943	13.	1.	18.716	4.326	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/29/78-05/22/79	7	2.	2.429	4.	1.	0.952	0.976	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/29/78-03/29/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/78-05/22/79	7	53.	52.571	64.	41.	46.286	6.803	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/78-05/22/79	7	10.5	10.657	13.1	9.7	1.45	1.204	**	**	**	**
00400	PH (STANDARD UNITS)	03/29/78-05/22/79	6	7.	6.95	7.2	6.7	0.043	0.207	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/29/78-05/22/79	6	7.	6.908	7.2	6.7	0.045	0.212	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/78-05/22/79	6	0.1	0.124	0.2	0.063	0.004	0.06	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/29/78-05/22/79	2	3.	3.	4.2	1.8	2.88	1.697	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/29/78-05/22/79	4	11.	10.75	12.	9.	1.583	1.258	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/29/78-05/22/79	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/29/78-05/22/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/29/78-05/22/79	3	0.18	0.227	0.38	0.12	0.019	0.136	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/29/78-05/22/79	3	0.13	0.163	0.29	0.07	0.013	0.114	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/78-05/22/79	3	0.03	0.037	0.07	0.01	0.001	0.031	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/28/78-05/22/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-05/22/79	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/78-05/22/79	3	0.14	0.2	0.36	0.1	0.02	0.14	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/29/78-05/22/79	3	0.02	0.027	0.04	0.02	0.	0.012	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/22/79-05/22/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/78-05/22/79	3	0.03	0.04	0.09	0.	0.002	0.046	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/29/78-05/22/79	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/22/79-05/22/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/29/78-05/22/79	3	0.01	0.015	0.03	0.005	0.	0.013	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/78-05/22/79	4	13.	12.75	15.	10.	4.25	2.062	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/29/78-05/22/79	4	1.5	2.	4.	1.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/78-05/22/79	4	2.65	2.875	3.9	2.3	0.509	0.714	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/29/78-05/22/79	4	1.35	1.35	1.6	1.1	0.043	0.208	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/78-05/22/79	4	5.9	5.9	6.9	4.9	0.693	0.833	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/29/78-05/22/79	4	0.7	0.725	0.8	0.7	0.003	0.05	**	**	**	**
00932	SODIUM, PERCENT	03/29/78-05/22/79	4	49.	49.25	53.	46.	8.917	2.986	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	05/22/79-05/22/79	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/78-05/22/79	4	0.35	0.35	0.5	0.2	0.017	0.129	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/78-05/22/79	4	8.5	8.5	9.	8.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/29/78-05/22/79	4	5.	5.5	8.	4.	3.	1.732	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/29/78-05/22/79	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/29/78-05/22/79	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/29/78-05/22/79	3 ##	0.	0.333	1.	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 time series plot

Parameter Inventory for Station: OLYM0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/29/78-05/22/79	3 ##	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/29/78-05/22/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/29/78-05/22/79	3 ##	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/29/78-05/22/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/29/78-05/22/79	3 ##	10.	10.	20.	0.	100.	10.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/29/78-05/22/79	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/29/78-03/29/78	1	260.	260.	260.	260.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/29/78-03/29/78	1	2.415	2.415	2.415	2.415	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			260.								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/29/78-05/22/79	7	3.	5.5	14.	0.5	27.083	5.204	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/29/78-05/22/79	7	0.477	0.504	1.146	-0.301	0.294	0.542	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			3.19								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/79-05/22/79	1	32.	32.	32.	32.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/79-05/22/79	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/79-05/22/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/22/79-05/22/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/22/79-05/22/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/29/78-05/22/79	3	0.8	1.	1.7	0.5	0.39	0.624	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/27/79-03/27/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/29/78-05/22/79	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0289

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	6	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00				2	0	0.00	1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00				2	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00				2	0	0.00	1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	1300.	3	0	0.00				2	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	15.	3	0	0.00				2	0	0.00	1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	5000.	3	0	0.00				2	0	0.00	1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00				2	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	7	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0290

NPS Station ID: OLYM0290
LAT/LON: 47.956670/-124.419449
Agency: 112WRD
Date Created: 01/25/77
Location: CALAWAH R AT RM 3.8
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475724124251001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	2	11.05	11.05	14.1	8.	18.605	4.313	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	64.5	64.5	67.	62.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	2	11.6	11.6	12.4	10.8	1.28	1.131	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.04	0.04	0.06	0.02	0.001	0.028	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.04	0.04	0.06	0.02	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	93.5	93.5	160.	27.	8844.5	94.045	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	1.818	1.818	2.204	1.431	0.299	0.546	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			65.727								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			3.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0290

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0291

NPS Station ID: OLYM0291
LAT/LON: 47.983892/-124.420838
Agency: 112WRD
Date Created: 01/25/77
Location: SOLEDUCK R AT RM 17.45
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475902124251501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	2	10.5	10.5	12.	9.	4.5	2.121	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	2	83.5	83.5	85.	82.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	2	11.65	11.65	12.5	10.8	1.445	1.202	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	2	4147.	4147.	8200.	94.	32853618.	5731.808	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/26/76-10/04/77	2	2.943	2.943	3.914	1.973	1.883	1.372	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			877.952								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0291

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	1	0.50	1	1	1.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0292

NPS Station ID: OLYM0292
LAT/LON: 47.985005/-124.422226
Agency: 112WRD
Date Created: 01/25/77
Location: GUNDERSON CR AT MOUTH (RM 17.35)
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475906124252001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	2	9.95	9.95	11.2	8.7	3.125	1.768	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	2	15.	15.	25.	5.	200.	14.142	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	2	67.5	67.5	73.	62.	60.5	7.778	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	2	10.9	10.9	11.2	10.6	0.18	0.424	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.16	0.16	0.28	0.04	0.029	0.17	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.475	0.475	0.59	0.36	0.026	0.163	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	2	173.5	173.5	217.	130.	3784.5	61.518	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/26/76-10/04/77	2	2.225	2.225	2.336	2.114	0.025	0.157	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			167.958								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.176	1.176	1.176	1.176	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			15.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0292

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0293

NPS Station ID: OLYM0293
LAT/LON: 47.745837/-124.422226
Agency: 112WRD
Date Created: 06/29/78
Location: CHALAAT CR.AT COMM.CENTER, HOH RESV, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041234
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101002
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/29/78-05/22/79	7	10.	9.286	14.	2.2	15.598	3.949	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/29/78-05/22/79	7	3.	2.857	4.	1.	1.476	1.215	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/29/78-03/29/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/29/78-05/22/79	7	62.	63.857	77.	57.	41.476	6.44	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/29/78-05/22/79	7	9.8	9.571	12.2	6.4	2.989	1.729	**	**	**	**
00400	PH (STANDARD UNITS)	03/29/78-05/22/79	6	6.5	6.583	7.	6.2	0.078	0.279	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/29/78-05/22/79	6	6.5	6.514	7.	6.2	0.083	0.289	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/29/78-05/22/79	6	0.316	0.306	0.631	0.1	0.034	0.184	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/29/78-05/22/79	2	3.9	3.9	5.6	2.2	5.78	2.404	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/29/78-05/22/79	4	10.	11.25	16.	9.	10.917	3.304	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/29/78-05/22/79	2	12.5	12.5	14.	11.	4.5	2.121	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/29/78-05/22/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/29/78-05/22/79	3	0.22	0.287	0.5	0.14	0.036	0.189	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	03/29/78-05/22/79	3	0.15	0.19	0.34	0.08	0.018	0.135	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/29/78-05/22/79	3	0.03	0.05	0.11	0.01	0.003	0.053	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/28/78-05/22/79	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/28/78-05/22/79	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/29/78-05/22/79	3	0.18	0.24	0.45	0.09	0.035	0.187	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/29/78-05/22/79	3	0.05	0.047	0.05	0.04	0.	0.006	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/22/79-05/22/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	03/29/78-05/22/79	3	0.03	0.05	0.09	0.03	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/29/78-05/22/79	3	0.02	0.027	0.04	0.02	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/29/78-05/22/79	3	0.01	0.017	0.03	0.01	0.	0.012	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/29/78-05/22/79	4	15.	15.	17.	13.	3.333	1.826	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/29/78-05/22/79	4	3.5	3.75	8.	0.	12.25	3.5	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/29/78-05/22/79	4	3.3	3.5	4.5	2.9	0.487	0.698	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/29/78-05/22/79	4	1.5	1.55	1.8	1.4	0.03	0.173	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/29/78-05/22/79	4	6.9	6.95	7.9	6.1	0.603	0.777	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/29/78-05/22/79	4	0.75	0.775	0.9	0.7	0.009	0.096	**	**	**	**
00932	SODIUM, PERCENT	03/29/78-05/22/79	4	49.5	49.25	54.	44.	16.917	4.113	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	05/22/79-05/22/79	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/29/78-05/22/79	4	0.4	0.4	0.5	0.3	0.013	0.115	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/29/78-05/22/79	4	10.	9.75	10.	9.	0.25	0.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/29/78-05/22/79	4	4.5	5.	8.	3.	4.667	2.16	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/29/78-05/22/79	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/29/78-05/22/79	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/29/78-05/22/79	3 ##	1.	0.667	1.	0.	0.333	0.577	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/29/78-05/22/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	03/29/78-05/22/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/29/78-05/22/79	3 ##	1.	1.333	3.	0.	2.333	1.528	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/29/78-05/22/79	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/29/78-05/22/79	3 ##	10.	10.	20.	0.	100.	10.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/29/78-05/22/79	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/29/78-03/29/78	1	140.	140.	140.	140.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/29/78-03/29/78	1	2.146	2.146	2.146	2.146	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			140.								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/29/78-05/22/79	7	6.	12.071	33.	0.5	145.702	12.071	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/29/78-05/22/79	7	0.778	0.792	1.519	-0.301	0.408	0.638	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.191								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/79-05/22/79	1	36.	36.	36.	36.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/22/79-05/22/79	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/22/79-05/22/79	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	05/22/79-05/22/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	05/22/79-05/22/79	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/29/78-05/22/79	3	1.	1.267	2.2	0.6	0.693	0.833	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	03/27/79-03/27/79	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/29/78-05/22/79	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0293

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00				1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	6	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	6	4	0.67	1	1	1.00	3	1	0.33	1	1	1.00	1	1	1.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00				2	0	0.00	1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00				2	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00				2	0	0.00	1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	1300.	3	0	0.00				2	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	15.	3	0	0.00				2	0	0.00	1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	5000.	3	0	0.00				2	0	0.00	1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00				2	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	7	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0294

NPS Station ID: OLYM0294
LAT/LON: 47.749448/-124.428615
Agency: 112WRD
Date Created: 12/11/78
Location: HOH RIVER AT MILE 0.6 NR FORKS, WASH.
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12041250
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101007
RF1 Mile Point: 0.200
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/78-09/20/78	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/20/78-09/20/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/78-09/20/78	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/20/78-09/20/78	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/20/78-09/20/78	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/20/78-09/20/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/78-09/20/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/78-09/20/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/78-09/20/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/20/78-09/20/78	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/20/78-09/20/78	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/78-09/20/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/20/78-09/20/78	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/20/78-09/20/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/20/78-09/20/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/20/78-09/20/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/20/78-09/20/78	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/20/78-09/20/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/20/78-09/20/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/20/78-09/20/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/20/78-09/20/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/20/78-09/20/78	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/20/78-09/20/78	1	1.176	1.176	1.176	1.176	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			15.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/20/78-09/20/78	1	51.	51.	51.	51.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/20/78-09/20/78	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	09/20/78-09/20/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0294

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0295

NPS Station ID: OLYM0295
LAT/LON: 47.947226/-124.431948
Agency: 112WRD
Date Created: 01/25/77
Location: CALAWAH R AT RM 1.6
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475650124255501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	2	11.35	11.35	14.3	8.4	17.405	4.172	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	67.5	67.5	68.	67.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	2	11.35	11.35	12.3	10.4	1.805	1.344	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	304.	304.	600.	8.	175232.	418.607	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	1.841	1.841	2.778	0.903	1.758	1.326	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			69.282								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			9.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0295

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0296

NPS Station ID: OLYM0296
LAT/LON: 47.975560/-124.435838
Agency: 112WRD
Date Created: 01/25/77
Location: SOLEDUCK R AT RM 16.1
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475832124260901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	2	10.65	10.65	12.3	9.	5.445	2.333	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	2	72.5	72.5	82.	63.	180.5	13.435	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	2	11.7	11.7	12.6	10.8	1.62	1.273	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.05	0.05	0.08	0.02	0.002	0.042	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.07	0.07	0.12	0.02	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	2	177.	177.	300.	54.	30258.	173.948	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/26/76-10/04/77	2	2.105	2.105	2.477	1.732	0.277	0.527	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			127.279								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0296

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0297

NPS Station ID: OLYM0297
LAT/LON: 47.960560/-124.436948
Agency: 112WRD
Date Created: 01/25/77
Location: CALAWAH R AT RM 2.55
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475738124261301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	2	11.1	11.1	14.1	8.1	18.	4.243	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	72.	72.	77.	67.	50.	7.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/06/77	2	11.5	11.5	12.2	10.8	0.98	0.99	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.095	0.095	0.15	0.04	0.006	0.078	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	147.	147.	270.	24.	30258.	173.948	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	1.906	1.906	2.431	1.38	0.552	0.743	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			80.498								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			10.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0297

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0298

NPS Station ID: OLYM0298
LAT/LON: 47.931948/-124.439170
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R AT RM 8.65
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475555124262101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	12.1	12.1	13.6	10.6	4.5	2.121	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	71.	71.	80.	62.	162.	12.728	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.65	11.65	12.8	10.5	2.645	1.626	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.033	0.033	0.06	0.005	0.002	0.039	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	86.	86.	130.	42.	3872.	62.225	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.869	1.869	2.114	1.623	0.12	0.347	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			73.892								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	94.	94.	94.	94.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	1.973	1.973	1.973	1.973	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			94.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-08/25/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0298

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0299

NPS Station ID: OLYM0299
LAT/LON: 47.934448/-124.446949
Agency: 112WRD
Date Created: 01/25/77
Location: CALAWAH R AT MOUTH NR FORKS, WASH.
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101014
RF1 Mile Point: 0.100
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/06/77	2	11.3	11.3	14.	8.6	14.58	3.818	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/24/76-10/06/77	2	177.5	177.5	185.	170.	112.5	10.607	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/06/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/06/77	2	70.5	70.5	73.	68.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/06/77-10/06/77	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/76-08/24/76	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/24/76-08/24/76	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/06/77	2	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/76-08/24/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/24/76-08/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/76-08/24/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/76-08/24/76	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/76-08/24/76	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/24/76-08/24/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/24/76-08/24/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/76-08/24/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/76-08/24/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/76-08/24/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/76-08/24/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/76-08/24/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/06/77	2	146.5	146.5	290.	3.	41184.5	202.94	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/06/77	2	1.47	1.47	2.462	0.477	1.971	1.404	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29.496								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/06/77-10/06/77	1	1.041	1.041	1.041	1.041	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			11.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/24/76-08/24/76	1	46.	46.	46.	46.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/24/76-08/24/76	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/06/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0299

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0300

NPS Station ID: OLYM0300
LAT/LON: 47.964448/-124.447226
Agency: 112WRD
Date Created: 01/25/77
Location: SOLEDUCK R AT RM 15.2
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475752124265001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	2	10.6	10.6	12.2	9.	5.12	2.263	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	2	73.	73.	83.	63.	200.	14.142	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	2	11.7	11.7	12.6	10.8	1.62	1.273	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	2	223.	223.	330.	116.	22898.	151.321	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/26/76-10/04/77	2	2.291	2.291	2.519	2.064	0.103	0.321	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			195.653								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0300

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0301

NPS Station ID: OLYM0301
LAT/LON: 47.931392/-124.450005
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R AT RM 8.0
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475553124270001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	11.5	11.5	14.4	8.6	16.82	4.101	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	77.	77.	80.	74.	18.	4.243	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.65	11.65	12.6	10.7	1.805	1.344	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.048	0.048	0.09	0.005	0.004	0.06	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	131.5	131.5	230.	33.	19404.5	139.3	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.94	1.94	2.362	1.519	0.356	0.596	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			87.121								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	1.041	1.041	1.041	1.041	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			11.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.048	0.048	0.09	0.005	0.004	0.06	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0301

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0302

NPS Station ID: OLYM0302
LAT/LON: 47.951392/-124.466115
Agency: 112WRD
Date Created: 01/25/77
Location: SOLEDUCK R NR QUILLAYUTE, WASH.
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12042500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101021
RF1 Mile Point: 7.850
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	12/14/79-12/14/79	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-12/14/79	4	8.55	8.75	12.6	5.3	9.137	3.023	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/26/76-12/14/79	4	2230.	7735.	26200.	280.	154493366.667	12429.536	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	2	83.	83.	83.	83.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	2	11.85	11.85	12.7	11.	1.445	1.202	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	2	159.	159.	200.	118.	3362.	57.983	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/26/76-10/04/77	2	2.186	2.186	2.301	2.072	0.026	0.162	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			153.623								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			6.								
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/09/79-12/14/79	2	19.	19.	25.	13.	72.	8.485	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/09/79-12/14/79	2	27.5	27.5	32.	23.	40.5	6.364	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/09/79-12/14/79	2	45.5	45.5	55.	36.	180.5	13.435	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/09/79-12/14/79	2	53.	53.	58.	48.	50.	7.071	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	12/14/79-12/14/79	1	62.	62.	62.	62.	0.	0.	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	02/09/79-12/14/79	2	72.	72.	73.	71.	2.	1.414	**	**	**	**
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	12/14/79-12/14/79	1	83.	83.	83.	83.	0.	0.	**	**	**	**
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	02/09/79-12/14/79	2	93.5	93.5	94.	93.	0.5	0.707	**	**	**	**
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	02/09/79-12/14/79	2	97.5	97.5	98.	97.	0.5	0.707	**	**	**	**
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	02/09/79-12/14/79	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/09/79-12/14/79	2	365.	365.	644.	86.	155682.	394.566	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/09/79-12/14/79	2	23265.5	23265.5	45600.	931.	997659780.5	31585.753	**	**	**	**
80156	TOTAL SED DISCHARGE(SUSP PLUS BED LOAD)(TONS/DAY)	02/09/79-12/14/79	2	24305.	24305.	47600.	1010.	1085314050.	32944.105	**	**	**	**
80159	BED MATERIAL FALL DIAMETER, % FINER THAN .125MM	02/09/79-02/09/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
80160	BED MATERIAL FALL DIAMETER, % FINER THAN .250MM	02/09/79-02/09/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
80161	BED MATERIAL FALL DIAMETER, % FINER THAN .500MM	02/09/79-02/09/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
80162	BED MATERIAL FALL DIAMETER, % FINER THAN 1.00MM	02/09/79-02/09/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	12/14/79-12/14/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	12/14/79-12/14/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	12/14/79-12/14/79	1	6.	6.	6.	6.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	02/09/79-12/14/79	2	10.	10.	12.	8.	8.	2.828	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	02/09/79-12/14/79	2	12.	12.	12.	12.	0.	0.	**	**	**	**
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	02/09/79-12/14/79	2	16.5	16.5	19.	14.	12.5	3.536	**	**	**	**
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	02/09/79-12/14/79	2	29.	29.	30.	28.	2.	1.414	**	**	**	**
80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	02/09/79-12/14/79	2	64.	64.	88.	40.	1152.	33.941	**	**	**	**
80173	BED MATERIAL SIEVE DIAMETER,% FINER THAN 32.0MM	12/14/79-12/14/79	1	60.	60.	60.	60.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0302

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0303

NPS Station ID: OLYM0303
LAT/LON: 47.925004/-124.472227
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R AT RM 6.4
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475530124282001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0303

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	11.55	11.55	14.4	8.7	16.245	4.031	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	79.	79.	79.	79.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	12.	12.	13.2	10.8	2.88	1.697	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	106.	106.	170.	42.	8192.	90.51	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.927	1.927	2.23	1.623	0.184	0.429	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			84.499								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.903	0.903	0.903	0.903	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			8.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0303

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0304

NPS Station ID: OLYM0304
LAT/LON: 47.944448/-124.477505
Agency: 112WRD
Date Created: 01/25/77
Location: SOLEDUCK R AT RM 12.6
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475640124283901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	2	10.75	10.75	12.6	8.9	6.845	2.616	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	2	82.	82.	83.	81.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	2	11.8	11.8	12.7	10.9	1.62	1.273	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.05	0.05	0.08	0.02	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	2	127.	127.	180.	74.	5618.	74.953	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/26/76-10/04/77	2	2.062	2.062	2.255	1.869	0.075	0.273	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			115.412								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0304

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0305

NPS Station ID: OLYM0305
LAT/LON: 47.939727/-124.492505
Agency: 112WRD
Date Created: 01/25/77
Location: SOLEDUCK R AT RM 11.0
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475623124293301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	2	11.1	11.1	13.	9.2	7.22	2.687	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	2	73.5	73.5	83.	64.	180.5	13.435	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/04/77-10/04/77	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.055	0.055	0.07	0.04	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.05	0.05	0.08	0.02	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	2	119.	119.	150.	88.	1922.	43.841	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/26/76-10/04/77	2	2.06	2.06	2.176	1.944	0.027	0.164	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			114.891								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0305

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0306

NPS Station ID: OLYM0306 | LAT/LON: 47.915559/-124.494171 | Agency: 112WRD | Date Created: 01/25/77
Location: BOGACHIEL R AT RM 4.9 | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 475456124293901
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	11.6	11.6	14.4	8.8	15.68	3.96	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	78.5	78.5	79.	78.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.9	11.9	13.1	10.7	2.88	1.697	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	20.	20.	22.	18.	8.	2.828	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.299	1.299	1.342	1.255	0.004	0.062	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19.9								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			7.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0306

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0307

NPS Station ID: OLYM0307
LAT/LON: 47.927781/-124.501393
Agency: 112WRD
Date Created: 01/25/77
Location: SOLEDUCK R AT RM 9.4
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475540124300501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0307

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/76-10/04/77	2	11.3	11.3	13.4	9.2	8.82	2.97	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	2	82.5	82.5	83.	82.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	2	11.5	11.5	12.1	10.9	0.72	0.849	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.045	0.045	0.07	0.02	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	2	104.	104.	170.	38.	8712.	93.338	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/26/76-10/04/77	2	1.905	1.905	2.23	1.58	0.212	0.46	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			80.374								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0307

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0308

NPS Station ID: OLYM0308
LAT/LON: 47.913892/-124.505838
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R AT RM 3.7
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475450124302101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	12.05	12.05	14.9	9.2	16.245	4.031	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	79.5	79.5	80.	79.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.5	11.5	12.5	10.5	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	116.5	116.5	220.	13.	21424.5	146.371	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.728	1.728	2.342	1.114	0.755	0.869	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			53.479								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0308

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0309

NPS Station ID: OLYM0309
LAT/LON: 47.829448/-124.510837
Agency: 11NPSWRD
Date Created: 04/25/98
Location: FALLS CREEK
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-FC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE TOLEAK POINT WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON FALLS CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0309

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/11/95-03/19/97	2	67.	67.	98.	36.	1922.	43.841	**	**	**	**
00400	PH (STANDARD UNITS)	07/11/95-03/19/97	2	7.1	7.1	7.6	6.6	0.5	0.707	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/11/95-03/19/97	2	6.86	6.86	7.6	6.6	0.616	0.785	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/95-03/19/97	2	0.138	0.138	0.251	0.025	0.026	0.16	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/11/95-03/19/97	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/11/95-03/19/97	2	119.	119.	222.	16.	21218.	145.664	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	03/19/97-03/19/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/11/95-03/19/97	2	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/11/95-07/11/95	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/11/95-03/19/97	2	0.043	0.043	0.08	0.005	0.003	0.053	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/11/95-03/19/97	4	0.005	0.005	0.005	0.004	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/11/95-03/19/97	2 ##	0.002	0.002	0.003	0.	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/95-03/19/97	2	4.05	4.05	6.4	1.7	11.045	3.323	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/95-03/19/97	2	1.25	1.25	1.9	0.6	0.845	0.919	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/95-03/19/97	2	5.255	5.255	7.15	3.36	7.182	2.68	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/95-03/19/97	2	0.47	0.47	0.62	0.32	0.045	0.212	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/11/95-03/19/97	2	7.5	7.5	9.	6.	4.5	2.121	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/11/95-03/19/97	2	4.95	4.95	6.5	3.4	4.805	2.192	**	**	**	**
50938	ANION - CATION RATIO	07/11/95-03/19/97	2	1.085	1.085	1.13	1.04	0.004	0.064	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/11/95-03/19/97	2	42.5	42.5	47.	38.	40.5	6.364	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0309

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0310

NPS Station ID: OLYM0310
LAT/LON: 47.903892/-124.514448
Agency: 112WRD
Date Created: 01/25/77
Location: MAXFIELD CR AT MOUTH (RM 2.7)
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475414124305201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	11.45	11.45	14.2	8.7	15.125	3.889	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	2.5	2.5	4.	1.	4.5	2.121	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	62.5	62.5	73.	52.	220.5	14.849	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	10.5	10.5	11.4	9.6	1.62	1.273	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	177.	177.	280.	74.	21218.	145.664	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	2.158	2.158	2.447	1.869	0.167	0.409	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			143.944								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			10.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0310

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0311

NPS Station ID: OLYM0311
LAT/LON: 47.932781/-124.520004
Agency: 112WRD
Date Created: 01/25/77
Location: SOLEDUCK R AT RM 8.3
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475558124311201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0311

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/77-10/04/77	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/26/76-10/04/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/76-10/04/77	2	72.5	72.5	83.	62.	220.5	14.849	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/76-10/04/77	2	11.5	11.5	12.2	10.8	0.98	0.99	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/26/76-10/04/77	2	0.04	0.04	0.07	0.01	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/26/76-10/04/77	2	102.5	102.5	160.	45.	6612.5	81.317	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/26/76-10/04/77	2	1.929	1.929	2.204	1.653	0.152	0.39	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			84.853								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			3.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/26/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0311

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0312

NPS Station ID: OLYM0312
LAT/LON: 47.908892/-124.525838
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R AT RM 2.1
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475432124313301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	12.3	12.3	15.2	9.4	16.82	4.101	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	80.	80.	80.	80.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.45	11.45	12.5	10.4	2.205	1.485	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	159.	159.	290.	28.	34322.	185.262	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.955	1.955	2.462	1.447	0.515	0.718	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			90.111								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.903	0.903	0.903	0.903	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			8.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0312

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0313

NPS Station ID: OLYM0313
LAT/LON: 47.898893/-124.536393
Agency: 112WRD
Date Created: 01/25/77
Location: MURPHY CR AT MOUTH (RM 1.25)
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475356124321101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	10.8	10.8	13.8	7.8	18.	4.243	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	26.5	26.5	50.	3.	1104.5	33.234	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	50.	50.	50.	50.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	56.	56.	57.	55.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	10.6	10.6	11.4	9.8	1.28	1.131	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.14	0.14	0.23	0.05	0.016	0.127	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	337.	337.	600.	74.	138338.	371.938	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	2.324	2.324	2.778	1.869	0.413	0.643	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			210.713								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	1.301	1.301	1.301	1.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			20.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0313

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	1	0.50	1	1	1.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0314

NPS Station ID: OLYM0314
LAT/LON: 47.913616/-124.539449
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R AT MOUTH (RM .05)
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475449124322201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/12/76-08/12/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/76-10/05/77	3	9.8	11.433	15.1	9.4	10.123	3.182	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	79.5	79.5	80.	79.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.25	11.25	12.3	10.2	2.205	1.485	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-08/12/76	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/25/76-08/25/76	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/25/76-08/25/76	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/12/76-08/12/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/25/76-08/25/76	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/25/76-08/25/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/76-08/25/76	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/76-08/25/76	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/76-08/25/76	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/25/76-08/25/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/25/76-08/25/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/76-08/25/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/25/76-08/25/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/25/76-08/25/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/25/76-08/25/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/25/76-08/25/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-10/05/77	3	64.	74.667	116.	44.	1381.333	37.166	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/12/76-10/05/77	3	1.806	1.838	2.064	1.643	0.045	0.212	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			68.87								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	1.146	1.146	1.146	1.146	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			14.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/25/76-08/25/76	1	46.	46.	46.	46.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/25/76-08/25/76	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0314

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00							2	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0315

NPS Station ID: OLYM0315 LAT/LON: 47.915282/-124.540838 Agency: 112WRD Date Created: 01/25/77
Location: SOLEDUCK R AT MOUTH NR LA PUSH, WASH. FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12042503
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101021 RF1 Mile Point: 0.280 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/18/75-09/29/78	149	7.7	8.711	23.	0.5	13.728	3.705	5.	6.	11.	14.
00060	FLOW, STREAM, MEAN DAILY CFS	10/04/77-10/04/77	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/06/76-09/29/78	105	1180.	1777.8	7230.	502.	1931561.238	1389.806	630.8	787.5	2480.	3886.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/76-09/25/78	62	2.	2.387	13.	0.	4.766	2.183	1.	1.	3.	5.
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/77-10/04/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/77-10/04/77	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/04/77-10/04/77	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/77-10/04/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/04/77-10/04/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/04/77-10/04/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/77-10/04/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/04/77-10/04/77	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/04/77-10/04/77	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2400.								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	0.845	0.845	0.845	0.845	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			7.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/04/77-10/04/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12/18/75-09/29/78	174	9.	32.494	810.	0.	6877.35	82.93	1.	3.75	27.25	80.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	01/06/76-09/29/78	105	29.	272.822	5400.	0.	560527.984	748.684	3.06	9.35	156.	537.4

** - 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: OLYM0315

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	62	0	0.00	15	0	0.00	9	0	0.00	18	0	0.00	20	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									
31625	FECAL COLIFORM, MF	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: OLYM0316

NPS Station ID: OLYM0316
LAT/LON: 47.903059/-124.544170
Agency: 112WRD
Date Created: 01/25/77
Location: BOGACHIEL R NR LAPUSH, WASH.
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043015
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101012
RF1 Mile Point: 0.790
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0316

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	02/09/79-12/14/79	2	186.	186.	200.	172.	392.	19.799	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/24/75-02/09/79	86	7.	7.377	15.	1.5	6.579	2.565	5.	6.	8.25	11.5
00060	FLOW, STREAM, MEAN DAILY CFS	08/25/76-12/14/79	4	5875.	15963.75	51900.	205.	602199756.25	24539.759	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/24/75-09/22/78	96	4295.	6036.25	38300.	2000.	25770362.632	5076.452	2284.	2962.5	7300.	11800.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-09/22/78	28	3.	3.929	12.	0.	7.254	2.693	1.	2.	5.	7.4
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	79.5	79.5	81.	78.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.25	11.25	12.1	10.4	1.445	1.202	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	1318.	1318.	2600.	36.	3287048.	1813.022	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	2.486	2.486	3.415	1.556	1.727	1.314	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			305.941								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.								
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	12/14/79-12/14/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/09/79-12/14/79	2	10.	10.	18.	2.	128.	11.314	**	**	**	**
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	02/09/79-12/14/79	2	16.	16.	26.	6.	200.	14.142	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/09/79-12/14/79	2	28.	28.	38.	18.	200.	14.142	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/09/79-12/14/79	2	44.	44.	53.	35.	162.	12.728	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	02/09/79-12/14/79	2	60.	60.	66.	54.	72.	8.485	**	**	**	**
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	02/09/79-12/14/79	2	78.5	78.5	85.	72.	84.5	9.192	**	**	**	**
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	02/09/79-12/14/79	2	96.	96.	96.	96.	0.	0.	**	**	**	**
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	02/09/79-12/14/79	2	99.	99.	100.	98.	2.	1.414	**	**	**	**
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	02/09/79-12/14/79	2	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12/24/75-12/14/79	98	35.5	173.388	2490.	3.	146608.467	382.895	7.	15.75	115.75	584.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	12/24/75-12/14/79	98	459.5	9691.408	348900.	18.	1778749585.894	42175.225	48.8	136.5	2477.5	16690.
80156	TOTAL SED DISCHARGE(SUSP PLUS BED LOAD)(TONS/DAY)	02/09/79-12/14/79	2	177785.	177785.	350900.	4670.	59937606450.	244821.581	**	**	**	**
80159	BED MATERIAL FALL DIAMETER, % FINER THAN .125MM	02/09/79-02/09/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
80160	BED MATERIAL FALL DIAMETER, % FINER THAN .250MM	02/09/79-02/09/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
80161	BED MATERIAL FALL DIAMETER, % FINER THAN .500MM	02/09/79-02/09/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
80162	BED MATERIAL FALL DIAMETER, % FINER THAN 1.00MM	02/09/79-02/09/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	12/14/79-12/14/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	12/14/79-12/14/79	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0316

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	12/14/79-12/14/79	1	9.	9.	9.	9.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	12/14/79-12/14/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	02/09/79-12/14/79	2	11.5	11.5	19.	4.	112.5	10.607	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	02/09/79-12/14/79	2	14.	14.	23.	5.	162.	12.728	**	**	**	**
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	02/09/79-12/14/79	2	16.5	16.5	25.	8.	144.5	12.021	**	**	**	**
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	02/09/79-12/14/79	2	27.5	27.5	28.	27.	0.5	0.707	**	**	**	**
80172	BED MATERIAL SIEVE DIAMETER,% FINER THAN 16.0MM	02/09/79-12/14/79	2	43.	43.	47.	39.	32.	5.657	**	**	**	**
80173	BED MATERIAL SIEVE DIAMETER,% FINER THAN 32.0MM	02/09/79-12/14/79	2	75.	75.	80.	70.	50.	7.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0316

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	28	0	0.00	13	0	0.00	7	0	0.00	1	0	0.00	7	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	1	0.50	1	1	1.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0317

NPS Station ID: OLYM0317 LAT/LON: 47.985838/-124.545838 Agency: 112WRD Date Created: 01/25/77
Location: EF DICKEY R AT MOUTH----R.MI. 7.9 ON DICKEY R. FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 475909124324501
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	9.95	9.95	12.6	7.3	14.045	3.748	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	22.5	22.5	25.	20.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	69.5	69.5	74.	65.	40.5	6.364	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	10.75	10.75	11.5	10.	1.125	1.061	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.085	0.085	0.12	0.05	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	161.	161.	260.	62.	19602.	140.007	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.104	2.104	2.415	1.792	0.194	0.44	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			126.965								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	25.	25.	25.	25.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.398	1.398	1.398	1.398	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			25.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0317

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0318

NPS Station ID: OLYM0318 | LAT/LON: 47.965281/-124.547226 | Agency: 112WRD | Date Created: 01/25/77
Location: DICKEY R NR LA PUSH, WASH. | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 12043100
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17100101035 | RF1 Mile Point: 6.210 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0318

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	10.55	10.55	13.2	7.9	14.045	3.748	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/24/76-10/04/77	2	127.	127.	150.	104.	1058.	32.527	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	57.5	57.5	58.	57.	0.5	0.707	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	10.5	10.5	11.2	9.8	0.98	0.99	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.055	0.055	0.07	0.04	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.045	0.045	0.07	0.02	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	185.	185.	280.	90.	18050.	134.35	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.201	2.201	2.447	1.954	0.121	0.349	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			158.745								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			30.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0318

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0319

NPS Station ID: OLYM0319
LAT/LON: 47.860559/-124.548615
Agency: 11NPSWRD
Date Created: 04/25/98
Location: SCOTT CREEK
FIPS State/County: 53031 WASHINGTON/JEFFERSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-SCC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE TOLEAK POINT WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SCOTT CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/95-07/12/95	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/95-07/12/95	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/95-07/12/95	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/95-07/12/95	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/12/95-07/12/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/95-07/12/95	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/95-07/12/95	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	07/12/95-07/12/95	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/12/95-07/12/95	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/12/95-07/12/95	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/12/95-07/12/95	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/95-07/12/95	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/95-07/12/95	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/95-07/12/95	1	7.55	7.55	7.55	7.55	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/95-07/12/95	1	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/12/95-07/12/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/12/95-07/12/95	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	07/12/95-07/12/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/95-07/12/95	1	42.	42.	42.	42.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0319

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0320

NPS Station ID: OLYM0320
LAT/LON: 47.987781/-124.548615
Agency: 112WRD
Date Created: 01/25/77
Location: WF DICKEY RIVER AT RIVER MILE 8.1
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475916124325501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	11.3	11.3	13.7	8.9	11.52	3.394	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	40.	40.	40.	40.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	46.	46.	48.	44.	8.	2.828	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	9.95	9.95	10.5	9.4	0.605	0.778	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.065	0.065	0.1	0.03	0.002	0.049	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	165.	165.	240.	90.	11250.	106.066	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.167	2.167	2.38	1.954	0.091	0.301	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			146.969								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	44.	44.	44.	44.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.643	1.643	1.643	1.643	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			44.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0320

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0321

NPS Station ID: OLYM0321
LAT/LON: 47.986115/-124.552503
Agency: 112WRD
Date Created: 01/25/77
Location: DICKEY RIVER AT RIVER MILE 7.7
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475910124330901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	10.75	10.75	13.5	8.	15.125	3.889	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	56.	56.	56.	56.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	10.45	10.45	11.1	9.8	0.845	0.919	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	192.	192.	300.	84.	23328.	152.735	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.201	2.201	2.477	1.924	0.153	0.391	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			158.745								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			30.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0321

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0322

NPS Station ID: OLYM0322 | LAT/LON: 47.977504/-124.555560 | Agency: 112WRD | Date Created: 01/25/77
Location: DICKEY RIVER AT RIVER MILE 6.8 | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 475839124332001
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	10.7	10.7	13.4	8.	14.58	3.818	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	58.	58.	59.	57.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	10.3	10.3	10.8	9.8	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.065	0.065	0.1	0.03	0.002	0.049	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	104.	104.	130.	78.	1352.	36.77	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.003	2.003	2.114	1.892	0.025	0.157	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			100.698								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	48.	48.	48.	48.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.681	1.681	1.681	1.681	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			48.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0322

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0323

NPS Station ID: OLYM0323
LAT/LON: 47.909726/-124.555838
Agency: 112WRD
Date Created: 01/25/77
Location: QUILLAYUTE R AT RM 5.75
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475435124332101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0323

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	12.65	12.65	15.5	9.8	16.245	4.031	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	78.5	78.5	80.	77.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.45	11.45	12.6	10.3	2.645	1.626	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	106.	106.	200.	12.	17672.	132.936	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.69	1.69	2.301	1.079	0.746	0.864	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			48.99								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.954	0.954	0.954	0.954	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			9.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0323

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0324

NPS Station ID: OLYM0324 LAT/LON: 47.955559/-124.557781 Agency: 112WRD Date Created: 01/25/77
Location: COLBY CR AT MOUTH ---R.MI. 5.0 ON DICKEY R. FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 475720124332801
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0324

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	9.15	9.15	11.4	6.9	10.125	3.182	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	81.5	81.5	83.	80.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	10.65	10.65	11.3	10.	0.845	0.919	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.075	0.075	0.11	0.04	0.002	0.049	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.105	0.105	0.14	0.07	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	137.	137.	200.	74.	7938.	89.095	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.085	2.085	2.301	1.869	0.093	0.305	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			121.655								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	22.	22.	22.	22.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.342	1.342	1.342	1.342	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			22.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0324

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0325

NPS Station ID: OLYM0325 LAT/LON: 47.956670/-124.558893 Agency: 112WRD Date Created: 05/19/79
Location: DICKEY R AB COLBY CR NR LA PUSH, WASH. FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12043101
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101035 RF1 Mile Point: 5.370 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/24/75-09/12/78	65	7.	7.088	15.	2.	5.956	2.44	4.	5.5	8.	10.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/24/75-09/13/78	75	1090.	1475.253	4900.	529.	1125025.273	1060.672	596.	724.	1710.	3088.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/14/76-09/13/78	21	3.	3.286	5.	1.	2.114	1.454	1.	2.	5.	5.
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	12/24/75-09/13/78	75	41.	86.107	680.	4.	15477.124	124.407	10.	14.	108.	220.8
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	12/24/75-09/13/78	75	120.	598.237	5860.	6.8	1465291.138	1210.492	18.	33.	504.	1790.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0325

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	21	0	0.00	13	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0326

NPS Station ID: OLYM0326
LAT/LON: 47.956670/-124.558893
Agency: 112WRD
Date Created: 01/25/77
Location: DICKEY RIVER AT RIVER MILE 5.1
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475724124333201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	10.45	10.45	13.	7.9	13.005	3.606	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	58.	58.	58.	58.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	10.45	10.45	11.2	9.7	1.125	1.061	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	119.	119.	156.	82.	2738.	52.326	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.053	2.053	2.193	1.914	0.039	0.198	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			113.102								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	37.	37.	37.	37.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.568	1.568	1.568	1.568	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			37.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0326

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0327

NPS Station ID: OLYM0327
LAT/LON: 48.357504/-124.560559
Agency: 112WRD
Date Created: 07/30/76
Location: SAIL RIVER NR NEAH BAY,WASH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043190
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021001
RF1 Mile Point: 10.300
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/76-11/02/77	7	8.	8.929	12.2	7.2	3.542	1.882	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	06/02/76-06/03/76	2	18.	18.	21.	15.	18.	4.243	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/25/76-11/03/77	9	83.	104.444	282.	5.	7975.528	89.306	5.	19.5	155.	282.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/19/76-11/02/77	6	3.5	3.5	6.	1.	5.9	2.429	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/19/76-11/02/77	7	48.	51.429	72.	42.	101.286	10.064	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/19/76-11/02/77	6	11.55	11.35	12.	10.3	0.443	0.666	**	**	**	**
00400	PH (STANDARD UNITS)	04/19/76-11/02/77	7	7.	7.114	7.7	6.6	0.228	0.478	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/19/76-11/02/77	7	7.	6.922	7.7	6.6	0.271	0.521	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/76-11/02/77	7	0.1	0.12	0.251	0.02	0.011	0.103	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/19/76-11/02/77	3	0.8	2.467	6.	0.6	9.373	3.062	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/19/76-11/02/77	3	12.	13.	17.	10.	13.	3.606	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/19/76-11/02/77	3	15.	16.	21.	12.	21.	4.583	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/25/76-11/02/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/02/77-11/02/77	1	0.83	0.83	0.83	0.83	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/19/76-11/02/77	3	0.15	0.127	0.17	0.06	0.003	0.059	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/19/76-11/02/77	3	0.05	0.047	0.06	0.03	0.	0.015	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/19/76-08/25/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/19/76-08/25/76	2	0.165	0.165	0.26	0.07	0.018	0.134	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/19/76-11/02/77	3	0.2	0.173	0.2	0.12	0.002	0.046	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/02/77-11/02/77	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/19/76-08/25/76	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/19/76-08/25/76	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/19/76-08/25/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/19/76-11/02/77	3	16.	16.	20.	12.	16.	4.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/19/76-11/02/77	3	3.	3.	4.	2.	1.	1.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/19/76-11/02/77	3	5.1	4.8	5.8	3.5	1.39	1.179	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/19/76-11/02/77	3	0.9	1.033	1.4	0.8	0.103	0.321	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/19/76-11/02/77	3	4.5	4.933	6.1	4.2	1.043	1.021	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/19/76-11/02/77	3	0.6	0.567	0.6	0.5	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	04/19/76-11/02/77	3	39.	39.333	44.	35.	20.333	4.509	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/19/76-11/02/77	3	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/19/76-11/02/77	3	4.	4.333	5.	4.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/19/76-11/02/77	3	5.	6.	9.	4.	7.	2.646	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/19/76-11/03/77	5	150.	181.6	410.	8.	22142.8	148.805	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/19/76-11/03/77	5	2.176	2.023	2.613	0.903	0.433	0.658	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			105.369								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/19/76-08/26/76	3	8.	29.167	79.	0.5	1876.583	43.32	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/19/76-08/26/76	3	0.903	0.833	1.898	-0.301	1.212	1.101	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.811								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	3 ##	1.5	7.	19.	0.5	108.25	10.404	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	3 ##	0.176	0.385	1.279	-0.301	0.657	0.81	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2.424								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/02/77-11/02/77	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0327

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00							1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00							2	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0328

NPS Station ID: OLYM0328
LAT/LON: 47.951671/-124.565003
Agency: 112WRD
Date Created: 01/25/77
Location: DICKEY RIVER AT RIVER MILE 4.4
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475706124335401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	10.55	10.55	13.2	7.9	14.045	3.748	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	30.	30.	30.	30.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	61.	61.	62.	60.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	10.5	10.5	11.3	9.7	1.28	1.131	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.08	0.08	0.12	0.04	0.003	0.057	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.05	0.05	0.08	0.02	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	157.5	157.5	160.	155.	12.5	3.536	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.197	2.197	2.204	2.19	0.	0.01	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			157.48								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	27.	27.	27.	27.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.431	1.431	1.431	1.431	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			27.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0328

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0329

NPS Station ID: OLYM0329 LAT/LON: 48.097226/-124.570837 Agency: 11EPALES Date Created: / /
Location: CROOKED CREEK FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 5310D1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: T/OZETTE LAKE Elevation: 0 Water Body Id:
Minor Basin: BANK SMPL .1 MI S DRT RD 5.8 M SE OZETTE ECO Region:
RF1 Index: 17100101051 RF1 Mile Point: 1.510 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
BANK SAMPLE 0.1 MI S OF DIRT RD 2.6 MI SE OF JCT W OZETTE RD 5.8 MI SE OF OZETTE SEC 13 T30N R14W LU

Parameter Inventory for Station: OLYM0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/74-08/02/75	10	0.025	0.03	0.08	0.004	0.001	0.023	0.004	0.013	0.046	0.077
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	2	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	2	0.01	0.01	0.012	0.008	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/74-08/02/75	10	0.3	0.238	0.4	0.05	0.015	0.122	0.053	0.095	0.313	0.395
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/74-08/02/75	10	0.035	0.04	0.08	0.005	0.001	0.033	0.005	0.007	0.08	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/21/74-08/02/75	10	0.015	0.015	0.025	0.005	0.	0.007	0.005	0.009	0.02	0.025
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/21/74-08/02/75	10	0.005	0.006	0.015	0.003	0.	0.003	0.003	0.004	0.006	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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0329

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0330

NPS Station ID: OLYM0330
LAT/LON: 47.948059/-124.576392
Agency: 112WRD
Date Created: 01/25/77
Location: COAL CR AT MOUTH 3.85
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475653124343501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	9.7	9.7	12.1	7.3	11.52	3.394	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	27.5	27.5	35.	20.	112.5	10.607	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	53.	53.	54.	52.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	11.2	11.2	12.	10.4	1.28	1.131	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.065	0.065	0.09	0.04	0.001	0.035	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	305.	305.	430.	180.	31250.	176.777	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.444	2.444	2.633	2.255	0.072	0.267	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			278.209								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	86.	86.	86.	86.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.934	1.934	1.934	1.934	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			86.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0330

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0331

NPS Station ID: OLYM0331 LAT/LON: 48.376670/-124.576671 Agency: 21540000 Date Created: / /
Location: ST OF JUAN DE FUCA NEAR NEAH BAY FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): JDF002
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COASTAL (LYRE HOKO-19) ECO Region:
RF1 Index: 17110021001 RF1 Mile Point: 8.720 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED IN NEAH BAY ADJACENT TO BLACK BELL NUMBER 1 WITH FLASHING WHITE LIGHT
SOUTHWEST REGION 15 QUAD- CAPE FLATTERY

Parameter Inventory for Station: OLYM0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/67-09/16/70	41	1.	10.268	20.	1.	92.451	9.615	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-09/16/70	41	10.	10.12	14.	7.2	2.426	1.558	8.14	9.45	10.7	13.12
00025	BAROMETRIC PRESSURE (MM OF HG)	09/26/67-09/16/70	20	766.	765.9	778.	754.	37.568	6.129	758.1	762.	769.	776.7
00035	WIND VELOCITY (MILES PER HOUR)	09/26/67-09/16/70	21	10.	10.	18.	2.	18.1	4.254	5.	6.	12.	17.4
00065	STAGE, STREAM (FEET)	09/26/67-09/16/70	21	4.3	5.995	11.7	2.7	8.48	2.912	2.82	3.35	9.2	9.9
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/29/68-09/16/70	37	2.	2.324	6.	1.	2.281	1.51	1.	1.	3.	5.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/67-09/16/70	12	37.	36.333	41.	30.	11.515	3.393	30.	35.	38.75	40.4
00300	OXYGEN, DISSOLVED MG/L	09/26/67-09/16/70	38	8.55	8.395	12.8	3.9	3.615	1.901	5.88	7.5	9.225	10.93
00400	PH (STANDARD UNITS)	09/26/67-09/16/70	41	7.9	7.924	8.3	7.7	0.017	0.13	7.8	7.8	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	09/26/67-09/16/70	41	7.9	7.907	8.3	7.7	0.017	0.131	7.8	7.8	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/67-09/16/70	41	0.013	0.012	0.02	0.005	0.	0.003	0.008	0.01	0.016	0.016
00480	SALINITY - PARTS PER THOUSAND	09/26/67-09/16/70	41	29.2	29.59	33.9	26.2	3.862	1.965	27.1	28.3	30.7	33.28
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	39	2.	4.179	22.	0.	33.941	5.826	0.	0.	5.	18.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/26/67-09/16/70	21	0.	19.905	300.	0.	4261.89	65.283	0.	0.	5.5	40.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/26/67-09/16/70	21	0.	0.44	2.477	0.	0.518	0.72	0.	0.	0.724	1.602
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.755								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0331

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	37	0	0.00	2	0	0.00	6	0	0.00	21	0	0.00	8	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	38	1	0.03	2	0	0.00	8	0	0.00	18	0	0.00	10	1	0.10
00400	PH	Marine Chronic	8.5	41	0	0.00	2	0	0.00	8	0	0.00	21	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	41	0	0.00	2	0	0.00	8	0	0.00	21	0	0.00	10	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	21	0	0.00	1	0	0.00	4	0	0.00	11	0	0.00	5	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0332

NPS Station ID: OLYM0332
LAT/LON: 47.911948/-124.581671
Agency: 112WRD
Date Created: 01/25/77
Location: QUILLAYUTE R AT RM 3.3
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475443124345401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	12.6	12.6	15.2	10.	13.52	3.677	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	81.	81.	82.	80.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.6	11.6	12.6	10.6	2.	1.414	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	83.5	83.5	140.	27.	6384.5	79.903	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.789	1.789	2.146	1.431	0.255	0.505	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			61.482								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			3.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0332

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0333

NPS Station ID: OLYM0333 LAT/LON: 48.099503/-124.583698 Agency: 11NPSWRD Date Created: 11/01/97
Location: CROOKED CREEK UPSTREAM FROM LAKE OZETTE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_NPS_CRC
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 29 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE DICKEY LAKE WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE OLYMPIC NATIONAL PARK ON CROOKED CREEK UPSTREAM FROM LAKE OZETTE. DATA ARE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN OLYMPIC FISHERIES BIOLOGIST. STORET CODE P00134 WAS USED TO INDICATE WATER SAMPLES WERE COLLECTED DURING STORM EVENTS OR DRY CONDITIONS. ONE AND ZERO WERE USED RESPECTIVELY. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0333

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/93-11/30/94	20	9.1	10.215	16.1	2.6	14.671	3.83	5.36	7.55	13.75	15.86
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/20/93-10/18/94	8	2.5	2.813	6.	0.5	2.71	1.646	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/93-11/30/94	20	37.5	38.1	53.	18.	80.937	8.996	25.5	32.25	45.75	49.
00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/20/93-11/30/94	20	0.	0.15	1.	0.	0.134	0.366	0.	0.	0.	1.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/93-11/30/94	16	10.15	10.031	12.	7.5	2.222	1.491	7.57	8.575	11.3	11.72
00406	PH, FIELD, STANDARD UNITS SU	01/05/94-11/30/94	15	6.45	6.483	7.2	5.71	0.171	0.414	5.74	6.31	6.74	7.128
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/05/94-11/30/94	15	6.45	6.291	7.2	5.71	0.211	0.459	5.74	6.31	6.74	7.128
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/94-11/30/94	15	0.355	0.512	1.95	0.063	0.324	0.569	0.075	0.182	0.49	1.823
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	02/02/94-11/30/94	14	389.	391.5	476.	327.	2298.115	47.939	332.	351.75	418.	474.5
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/20/93-11/30/94	15	4.2	8.447	41.	0.	120.81	10.991	0.	2.6	7.3	29.36

** - 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: OLYM0333

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	16	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	15	0	0.00	3	0	0.00	6	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	15	8	0.53	3	2	0.67	6	3	0.50	4	1	0.25	2	2	1.00
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	15	0	0.00	4	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0334

NPS Station ID: OLYM0334
LAT/LON: 47.942782/-124.590560
Agency: 112WRD
Date Created: 01/25/77
Location: DICKEY R AT RM 2.8
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475634124352601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	10.7	10.7	13.4	8.	14.58	3.818	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	60.	60.	61.	59.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	10.5	10.5	11.2	9.8	0.98	0.99	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.055	0.055	0.09	0.02	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	208.	208.	320.	96.	25088.	158.392	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.244	2.244	2.505	1.982	0.137	0.37	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			175.271								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.477	1.477	1.477	1.477	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			30.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0334

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0335

NPS Station ID: OLYM0335 LAT/LON: 48.059560/-124.600142 Agency: 11NPSWRD Date Created: 11/01/97
Location: SIWASH CREEK UPSTREAM FROM LAKE OZETTE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_NPS_SWC
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 29 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE DICKEY LAKE WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE OLYMPIC NP ON SIWASH CREEK UPSTREAM FROM LAKE OZETTE. DATA ARE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYM NP BIOLOGISTS. STORET CODE P00134 WAS USED TO INDICATE WATER SAMPLES WERE COLLECTED DURING STORM EVENTS OR DRY CONDITIONS. ONE AND ZERO WERE USED RESPECTIVELY. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0335

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/93-10/18/94	18	9.75	10.3	15.1	3.7	10.584	3.253	5.68	7.95	13.25	15.01
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/22/93-10/18/94	12	1.	4.55	20.	0.4	40.123	6.334	0.46	0.825	6.75	18.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/93-10/18/94	17	54.	52.706	73.	25.	268.971	16.4	29.8	35.5	67.	71.4
00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/22/93-10/18/94	18	0.	0.111	1.	0.	0.105	0.323	0.	0.	0.	1.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/93-10/18/94	14	10.15	10.214	11.4	9.4	0.512	0.716	9.4	9.5	10.95	11.35
00406	PH, FIELD, STANDARD UNITS SU	12/15/93-10/18/94	13	6.91	6.842	7.3	6.18	0.103	0.321	6.308	6.6	7.09	7.248
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/15/93-10/18/94	13	6.91	6.724	7.3	6.18	0.118	0.344	6.308	6.6	7.09	7.248
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/93-10/18/94	13	0.123	0.189	0.661	0.05	0.028	0.166	0.057	0.082	0.251	0.523
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	02/01/94-10/18/94	11	385.	376.455	477.	303.	3167.473	56.28	304.	322.	424.	469.4
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/22/93-10/18/94	13	4.1	5.577	22.	0.	34.564	5.879	0.32	2.	6.55	18.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0335

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	14	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	13	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	13	2	0.15	1	0	0.00	6	2	0.33	4	0	0.00	2	0	0.00
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	13	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0336

NPS Station ID: OLYM0336
LAT/LON: 47.914726/-124.602505
Agency: 112WRD
Date Created: 01/25/77
Location: QUILLAYUTE R AT JAMES PARK (RM 2
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475453124360901
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0336

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	2	12.6	12.6	15.2	10.	13.52	3.677	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	2	78.5	78.5	80.	77.	4.5	2.121	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	2	11.65	11.65	12.6	10.7	1.805	1.344	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.035	0.035	0.06	0.01	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	2	108.5	108.5	190.	27.	13284.5	115.258	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	2	1.855	1.855	2.279	1.431	0.359	0.599	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			71.624								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			4.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0336

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0337

NPS Station ID: OLYM0337
LAT/LON: 47.932227/-124.604171
Agency: 112WRD
Date Created: 01/25/77
Location: DICKEY R AT RM 1.5
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475556124361501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	10.7	10.7	13.1	8.3	11.52	3.394	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	2	60.	60.	61.	59.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	2	10.35	10.35	11.1	9.6	1.125	1.061	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	2	253.	253.	380.	126.	32258.	179.605	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	2	2.34	2.34	2.58	2.1	0.115	0.339	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			218.815								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	46.	46.	46.	46.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.663	1.663	1.663	1.663	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			46.								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0337

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00							1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00							1	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0338

NPS Station ID: OLYM0338 LAT/LON: 48.126392/-124.604171 Agency: 11EPALES Date Created: / /
Location: BIG RIVER FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 5310C1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: T/OZETTE LAKE Elevation: 0 Water Body Id:
Minor Basin: DRT RD BRDG 3.5 MI SE OF OZETTE ECO Region:
RF1 Index: 17100101053 RF1 Mile Point: 0.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
SAMPLE FROM BRDG ON DIRT RD 0.2 MI SE OF JCT W OZETTE RD 3.5 MI SE OF OZETTE SEC 3 T30N R15W LU

Parameter Inventory for Station: OLYM0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/74-08/02/75	9	0.02	0.03	0.06	0.003	0.	0.02	0.003	0.016	0.05	0.06
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	2	0.009	0.009	0.015	0.003	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	2	0.01	0.01	0.012	0.008	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/74-08/02/75	9	0.3	0.344	0.65	0.2	0.018	0.136	0.2	0.25	0.4	0.65
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/74-08/02/75	9	0.03	0.089	0.22	0.005	0.009	0.093	0.005	0.009	0.185	0.22
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/21/74-08/02/75	9	0.025	0.022	0.03	0.01	0.	0.008	0.01	0.015	0.03	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/21/74-08/02/75	9	0.01	0.011	0.02	0.004	0.	0.004	0.004	0.01	0.013	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0338

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0339

NPS Station ID: OLYM0339 | LAT/LON: 48.120309/-124.607420 | Agency: 11NPSWRD | Date Created: 11/01/97
Location: BIG RIVER UPSTREAM FROM LAKE OZETTE | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): OLYM_NPS_BR
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 29 | Water Body Id:
Minor Basin: WASHINGTON COAST | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE DICKEY LAKE WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE OLYMPIC NP ON BIG RIVER UPSTREAM FROM LAKE OZETTE. DATA ARE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYM NP BIOLOGISTS. STORET CODE P00134 WAS USED TO INDICATE WATER SAMPLES WERE COLLECTED DURING STORM EVENTS OR DRY CONDITIONS. ONE AND ZERO WERE USED RESPECTIVELY. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0339

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-11/30/94	21	8.9	10.01	16.8	3.5	12.679	3.561	5.7	7.55	13.	15.74
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/21/93-10/19/94	8	6.5	9.75	37.	2.	128.786	11.348	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/93-11/30/94	21	48.	50.	82.	23.	203.9	14.279	31.6	40.5	61.	68.4
00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/21/93-11/30/94	21	0.	0.143	1.	0.	0.129	0.359	0.	0.	0.	1.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/93-11/30/94	17	9.8	9.665	11.6	7.3	1.475	1.214	8.02	8.55	10.65	11.28
00406	PH, FIELD, STANDARD UNITS SU	12/16/93-11/30/94	16	6.73	6.668	7.1	6.01	0.107	0.327	6.059	6.49	6.943	7.058
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/16/93-11/30/94	16	6.73	6.538	7.1	6.01	0.125	0.354	6.059	6.49	6.943	7.058
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/93-11/30/94	16	0.186	0.29	0.977	0.079	0.071	0.266	0.088	0.115	0.324	0.875
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	12/16/93-11/30/94	15	373.	376.2	464.	324.	1415.029	37.617	326.4	358.	399.	441.8
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/21/93-11/30/94	15	5.6	23.7	185.	0.7	2314.321	48.107	1.42	2.1	19.7	108.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0339

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	17	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	16	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	16	4	0.25	3	2	0.67	7	1	0.14	4	1	0.25	2	0	0.00
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	15	3	0.20	4	1	0.25	3	2	0.67	4	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0340

NPS Station ID: OLYM0340
LAT/LON: 48.396671/-124.608338
Agency: UNIVWASH
Date Created: / /
Location: KOITLAH POINT, NE OF
FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN
STORET Station ID(s): JDF103
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 167
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND - STRAIT OF JUAN DE FUCA
ECO Region:
RF1 Index: 17110021001
RF1 Mile Point: 4.790
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0340

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/12/64-09/12/64	7	62.	84.	223.	0.	6681.	81.737	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/64-09/12/64	7	10.7	10.286	11.5	9.1	0.908	0.953	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/12/64-09/12/64	7	6.3	5.9	6.8	4.6	1.037	1.018	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/12/64-09/12/64	7	29.7	30.229	31.5	29.3	0.866	0.93	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0340

			Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
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.	7	0	0.00										7	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0341

NPS Station ID: OLYM0341
LAT/LON: 47.911948/-124.609171
Agency: 112WRD
Date Created: 04/14/78
Location: 28N/15W-23N02
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475445124363501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/67-09/19/67	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/19/67-09/19/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/17/67-09/19/67	2	119.5	119.5	126.	113.	84.5	9.192	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/67-09/19/67	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/67-09/19/67	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/67-09/19/67	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/19/67-09/19/67	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/19/67-09/19/67	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/19/67-09/19/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/67-09/19/67	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/67-09/19/67	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/67-09/19/67	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/67-09/19/67	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/67-09/19/67	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/19/67-09/19/67	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/19/67-09/19/67	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/67-09/19/67	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/17/67-09/19/67	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/67-09/19/67	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/67-09/19/67	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/67-09/19/67	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/67-09/19/67	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/67-09/19/67	1	83.	83.	83.	83.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/67-09/19/67	1	73.	73.	73.	73.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/19/67-09/19/67	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0341

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00

& - 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: OLYM0341

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0342

NPS Station ID: OLYM0342
LAT/LON: 47.911948/-124.609726
Agency: 112WRD
Date Created: 04/14/78
Location: 28N/15W-23N03
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475443124363501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/21/68-05/21/68	1	182.	182.	182.	182.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/21/68-05/21/68	1	11.	11.	11.	11.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0342

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0343

NPS Station ID: OLYM0343
Location: 28N/15W-23N01
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 17100101
Major Basin:
Minor Basin:
RF1 Index: 17100101
RF3 Index:
Description:

LAT/LON: 47.913060/-124.609726

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 112WRD
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 475444124363501
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 04/14/78

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: OLYM0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/19/67-09/19/67	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/19/67-09/19/67	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/19/67-09/19/67	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/19/67-09/19/67	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/19/67-09/19/67	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/19/67-09/19/67	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/19/67-09/19/67	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/19/67-09/19/67	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/19/67-09/19/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/19/67-09/19/67	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/19/67-09/19/67	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/19/67-09/19/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/19/67-09/19/67	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/19/67-09/19/67	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/19/67-09/19/67	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/19/67-09/19/67	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/19/67-09/19/67	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/19/67-09/19/67	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/19/67-09/19/67	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/19/67-09/19/67	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/19/67-09/19/67	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/19/67-09/19/67	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/19/67-09/19/67	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/19/67-09/19/67	1	118.	118.	118.	118.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/19/67-09/19/67	1	110.	110.	110.	110.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/19/67-09/19/67	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: OLYM0343

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00

& - 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: OLYM0343

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0344

NPS Station ID: OLYM0344 LAT/LON: 48.368338/-124.613337 Agency: 21540000 Date Created: / /
Location: ST OF JUAN DE FUCA AT NEAH BAY FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/OCEAN STORET Station ID(s): JDF001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 0 Water Body Id:
Minor Basin: COASTAL (LYRE HOKO-19) ECO Region:
RF1 Index: 17110021001 RF1 Mile Point: 6.820 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
LOCATED IN NEAH BAY ABOUT 100 FEET FROM THE END OF THE BAY FISH COMPANY PIER
SOUTHWEST REGION 15 QUAD- CAPE FLATTERY

Parameter Inventory for Station: OLYM0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/26/67-09/16/70	44	10.5	10.5	20.	1.	92.349	9.61	1.	1.	20.	20.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/26/67-09/16/70	44	10.45	10.4	14.	6.7	3.091	1.758	7.8	9.15	11.55	12.95
00025	BAROMETRIC PRESSURE (MM OF HG)	09/26/67-09/16/70	20	765.	765.35	778.	753.	40.45	6.36	758.1	761.25	768.5	776.8
00035	WIND VELOCITY (MILES PER HOUR)	09/26/67-09/16/70	22	10.	8.682	15.	2.	10.227	3.198	4.3	6.	10.	14.1
00065	STAGE, STREAM (FEET)	09/26/67-09/16/70	22	4.25	5.859	11.6	2.7	8.764	2.96	2.76	3.275	8.725	10.59
00070	TURBIDITY, (JACKSON CANDLE UNITS)	03/27/68-09/16/70	41	3.	3.61	10.	1.	4.944	2.223	2.	2.	4.	7.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/26/67-09/16/70	14	37.	36.429	40.	31.	7.648	2.766	31.5	34.	39.	39.5
00300	OXYGEN, DISSOLVED MG/L	09/26/67-09/16/70	42	9.35	9.595	16.6	4.6	6.742	2.597	6.07	8.175	10.575	13.87
00400	PH (STANDARD UNITS)	09/26/67-09/16/70	43	8.	7.991	8.4	7.6	0.031	0.176	7.8	7.9	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	09/26/67-09/16/70	43	8.	7.957	8.4	7.6	0.032	0.179	7.8	7.9	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/67-09/16/70	43	0.01	0.011	0.025	0.004	0.	0.004	0.006	0.008	0.013	0.016
00480	SALINITY - PARTS PER THOUSAND	09/26/67-09/16/70	44	29.75	30.08	34.5	26.1	4.866	2.206	27.15	28.625	31.075	33.85
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	03/27/68-09/16/70	41	3.	5.439	62.	0.	102.252	10.112	0.	2.	6.	12.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/26/67-09/16/70	22	4.	13.455	74.	0.	459.879	21.445	0.	0.	22.25	59.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/26/67-09/16/70	22	0.54	0.66	1.869	0.	0.462	0.679	0.	0.	1.347	1.758
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.573								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0344

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	41	0	0.00	2	0	0.00	12	0	0.00	20	0	0.00	7	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	42	0	0.00	2	0	0.00	12	0	0.00	18	0	0.00	10	0	0.00
00400	PH	Marine Chronic	8.5	43	0	0.00	2	0	0.00	12	0	0.00	20	0	0.00	9	0	0.00
		Other-Lo Lim.	6.5	43	0	0.00	2	0	0.00	12	0	0.00	20	0	0.00	9	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	22	0	0.00	1	0	0.00	6	0	0.00	10	0	0.00	5	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0345

NPS Station ID: OLYM0345 LAT/LON: 48.032615/-124.615642 Agency: 11NPSWRD Date Created: 11/01/97
Location: SOUTH CREEK UPSTREAM FROM LAKE OZETTE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_NPS_SOC
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 29 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE DICKEY LAKE WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE OLYMPIC NP ON SOUTH CREEK UPSTREAM FROM LAKE OZETTE. DATA ARE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYM NP BIOLOGISTS. STORET CODE P00134 WAS USED TO INDICATE WATER SAMPLES WERE COLLECTED DURING STORM EVENTS OR DRY CONDITIONS. ONE AND ZERO WERE USED RESPECTIVELY. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0345

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/93-10/18/94	17	10.5	10.588	15.7	3.2	13.107	3.62	5.44	8.	14.	15.62
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/22/93-10/18/94	12	1.	5.092	26.	0.5	56.855	7.54	0.59	0.9	8.5	21.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/93-10/18/94	16	59.	57.188	82.	27.	358.829	18.943	30.5	39.	77.	81.3
00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/22/93-10/18/94	17	0.	0.059	1.	0.	0.059	0.243	0.	0.	0.	0.2
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/21/93-10/18/94	14	9.5	9.593	12.7	7.9	1.768	1.33	8.05	8.5	10.5	11.75
00406	PH, FIELD, STANDARD UNITS SU	12/15/93-10/18/94	13	6.85	6.749	7.01	6.03	0.092	0.303	6.11	6.665	6.96	7.006
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/15/93-10/18/94	13	6.85	6.622	7.01	6.03	0.109	0.33	6.11	6.665	6.96	7.006
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/15/93-10/18/94	13	0.141	0.239	0.933	0.098	0.06	0.246	0.099	0.11	0.216	0.795
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	12/15/93-10/18/94	12	415.5	409.083	500.	330.	3397.72	58.29	331.8	344.25	451.75	497.3
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/22/93-10/18/94	13	4.8	5.923	13.7	3.	8.875	2.979	3.2	3.6	7.65	11.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0345

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	14	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	13	0	0.00	1	0	0.00	6	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	13	2	0.15	1	0	0.00	6	1	0.17	4	1	0.25	2	0	0.00
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	13	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0346

NPS Station ID: OLYM0346
LAT/LON: 47.923892/-124.616115
Agency: 112WRD
Date Created: 01/25/77
Location: DICKEY R AT RM 0.3
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475526124365801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0346

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-08/25/76	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-08/25/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-08/25/76	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-09/08/77	2	70.	70.	79.	61.	162.	12.728	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/25/76-09/08/77	2	9.5	9.5	9.6	9.4	0.02	0.141	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-08/25/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-08/25/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-08/25/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-08/25/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-09/08/77	2	429.	429.	700.	158.	146882.	383.252	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-09/08/77	2	2.522	2.522	2.845	2.199	0.209	0.457	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			332.566								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-08/25/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0346

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00										2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0347

NPS Station ID: OLYM0347
LAT/LON: 47.922226/-124.618060
Agency: 112WRD
Date Created: 10/11/80
Location: DICKEY RIVER AT MORA, WASH.
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043103
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101035
RF1 Mile Point: 0.350
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/09/79-02/09/79	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/09/79-12/14/79	2	6650.	6650.	9900.	3400.	21125000.	4596.194	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	02/09/79-02/09/79	1	34.	34.	34.	34.	0.	0.	**	**	**	**
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	02/09/79-02/09/79	1	34.	34.	34.	34.	0.	0.	**	**	**	**
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	02/09/79-02/09/79	1	63.	63.	63.	63.	0.	0.	**	**	**	**
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	02/09/79-02/09/79	1	74.	74.	74.	74.	0.	0.	**	**	**	**
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	02/09/79-02/09/79	1	82.	82.	82.	82.	0.	0.	**	**	**	**
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	02/09/79-02/09/79	1	88.	88.	88.	88.	0.	0.	**	**	**	**
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	02/09/79-02/09/79	1	92.	92.	92.	92.	0.	0.	**	**	**	**
70345	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .500MM	02/09/79-02/09/79	1	93.	93.	93.	93.	0.	0.	**	**	**	**
70346	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 1.00MM	02/09/79-02/09/79	1	93.	93.	93.	93.	0.	0.	**	**	**	**
70347	SUS SED FALL DIA(DISTLD WATER)%FINER THAN 2.00MM	02/09/79-02/09/79	1	93.	93.	93.	93.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/09/79-12/14/79	2	652.	652.	1200.	104.	600608.	774.989	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/09/79-12/14/79	2	16477.5	16477.5	32000.	955.	481896012.5	21952.13	**	**	**	**
80156	TOTAL SED DISCHARGE(SUSP PLUS BED LOAD)(TONS/DAY)	02/09/79-12/14/79	2	16484.	16484.	32000.	968.	481492512.	21942.938	**	**	**	**
80157	BED MATERIAL FALL DIAMETER, % FINER THAN .004MM	02/09/79-02/09/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
80158	BED MATERIAL FALL DIAMETER, % FINER THAN .062MM	02/09/79-02/09/79	1	35.	35.	35.	35.	0.	0.	**	**	**	**
80159	BED MATERIAL FALL DIAMETER, % FINER THAN .125MM	02/09/79-02/09/79	1	38.	38.	38.	38.	0.	0.	**	**	**	**
80160	BED MATERIAL FALL DIAMETER, % FINER THAN .250MM	02/09/79-02/09/79	1	72.	72.	72.	72.	0.	0.	**	**	**	**
80161	BED MATERIAL FALL DIAMETER, % FINER THAN .500MM	02/09/79-02/09/79	1	90.	90.	90.	90.	0.	0.	**	**	**	**
80162	BED MATERIAL FALL DIAMETER, % FINER THAN 1.00MM	02/09/79-02/09/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80164	BED MATERIAL SIEVE DIAMETER,% FINER THAN .062MM	12/14/79-12/14/79	1	1.	1.	1.	1.	0.	0.	**	**	**	**
80165	BED MATERIAL SIEVE DIAMETER,% FINER THAN .125MM	12/14/79-12/14/79	1	4.	4.	4.	4.	0.	0.	**	**	**	**
80166	BED MATERIAL SIEVE DIAMETER,% FINER THAN .250MM	12/14/79-12/14/79	1	24.	24.	24.	24.	0.	0.	**	**	**	**
80167	BED MATERIAL SIEVE DIAMETER,% FINER THAN .500MM	12/14/79-12/14/79	1	69.	69.	69.	69.	0.	0.	**	**	**	**
80168	BED MATERIAL SIEVE DIAMETER,% FINER THAN 1.00MM	12/14/79-12/14/79	1	71.	71.	71.	71.	0.	0.	**	**	**	**
80169	BED MATERIAL SIEVE DIAMETER,% FINER THAN 2.00MM	12/14/79-12/14/79	1	71.	71.	71.	71.	0.	0.	**	**	**	**
80170	BED MATERIAL SIEVE DIAMETER,% FINER THAN 4.00MM	12/14/79-12/14/79	1	71.	71.	71.	71.	0.	0.	**	**	**	**
80171	BED MATERIAL SIEVE DIAMETER,% FINER THAN 8.00MM	12/14/79-12/14/79	1	72.	72.	72.	72.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: OLYM0348

NPS Station ID: OLYM0348
LAT/LON: 47.921670/-124.618060
Agency: 112WRD
Date Created: 01/25/77
Location: DICKEY R AT MORA BR (RM .15)
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475518124370501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/08/77-09/08/77	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/76-10/04/77	2	11.25	11.25	14.6	7.9	22.445	4.738	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/24/76-10/04/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/24/76-10/04/77	2	32.5	32.5	35.	30.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/24/76-10/04/77	12	73.5	102.167	236.	69.	2484.879	49.849	69.6	72.	116.75	211.4
00300	OXYGEN, DISSOLVED MG/L	08/24/76-10/04/77	5	9.7	9.8	10.8	9.3	0.38	0.616	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/76-08/24/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/24/76-08/24/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/76-10/04/77	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/24/76-10/04/77	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/76-08/24/76	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/24/76-08/24/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/24/76-08/24/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/24/76-08/24/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/24/76-08/24/76	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/24/76-08/24/76	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/24/76-08/24/76	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/24/76-08/24/76	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/24/76-08/24/76	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/76-08/24/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/24/76-08/24/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/24/76-08/24/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/24/76-10/04/77	12	65.	201.	790.	17.	72454.909	269.174	19.4	26.5	337.5	754.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/24/76-10/04/77	12	1.812	1.95	2.898	1.23	0.33	0.574	1.281	1.421	2.515	2.876
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			89.162								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/04/77-10/04/77	1	1.255	1.255	1.255	1.255	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			18.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/24/76-08/24/76	1	170.	170.	170.	170.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/24/76-08/24/76	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/24/76-10/04/77	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0348

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	1	0	0.00							4	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	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
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	0	0.00	1	0	0.00							11	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0349

NPS Station ID: OLYM0349
LAT/LON: 47.918892/-124.618893
Agency: 112WRD
Date Created: 01/25/77
Location: QUILLAYUTE R AT RM 1.5
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475508124370801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/76-09/10/76	2	1.4	1.4	2.	0.8	0.72	0.849	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/25/76-10/05/77	4	13.8	13.475	15.5	10.8	5.129	2.265	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/25/76-10/05/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/76-10/05/77	11	81.	81.545	85.	78.	6.473	2.544	78.2	79.	85.	85.
00300	OXYGEN, DISSOLVED MG/L	08/25/76-10/05/77	6	10.95	10.95	12.8	9.5	1.267	1.126	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/10/76-09/10/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/10/76-09/10/76	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/25/76-10/05/77	4	0.025	0.025	0.03	0.02	0.	0.006	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/25/76-10/05/77	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/76-10/05/77	13	42.	351.462	2900.	2.	655216.436	809.454	2.	8.	249.	2112.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/76-10/05/77	13	1.623	1.648	3.462	0.301	0.912	0.955	0.301	0.903	2.258	3.265
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			44.48								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	2	13.	13.	15.	11.	8.	2.828	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	2	1.109	1.109	1.176	1.041	0.009	0.095	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.845								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/05/77-10/05/77	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			5.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	2	5.5	5.5	10.	1.	40.5	6.364	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/10/76-09/10/76	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			3.162								
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/25/76-10/05/77	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0349

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00							1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00							5	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	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: OLYM0349

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	1	0.08	1	0	0.00							12	1	0.08
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00										2	0	0.00
31625	FECAL COLIFORM, MF	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: OLYM0350

NPS Station ID: OLYM0350 LAT/LON: 48.245560/-124.620281 Agency: 112WRD Date Created: 07/30/76
Location: SOOES RIVER AB PILCHUCK CR NR OZETTE,WASH FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12043156
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101057 RF1 Mile Point: 6.704 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0350

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/76-03/23/77	6	8.15	8.967	14.6	6.2	9.715	3.117	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/21/76-03/23/77	5	10.	31.6	90.	1.	1559.3	39.488	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/76-03/23/77	6	49.	49.667	68.	39.	114.667	10.708	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/21/76-03/23/77	6	11.1	11.05	11.8	10.2	0.355	0.596	**	**	**	**
00400	PH (STANDARD UNITS)	04/21/76-03/23/77	6	7.	7.067	7.6	6.7	0.099	0.314	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/21/76-03/23/77	6	6.989	6.986	7.6	6.7	0.106	0.326	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/76-03/23/77	6	0.103	0.103	0.2	0.025	0.004	0.061	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/21/76-08/25/76	2	3.6	3.6	6.1	1.1	12.5	3.536	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/76-08/25/76	2	19.5	19.5	23.	16.	24.5	4.95	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/21/76-08/25/76	2	23.5	23.5	28.	19.	40.5	6.364	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/25/76-08/25/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/21/76-08/25/76	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/21/76-08/25/76	2	0.05	0.05	0.07	0.03	0.001	0.028	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/21/76-08/25/76	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/21/76-08/25/76	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/21/76-08/25/76	2	0.12	0.12	0.14	0.1	0.001	0.028	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/21/76-08/25/76	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/76-08/25/76	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/21/76-08/25/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/76-08/25/76	2	21.5	21.5	25.	18.	24.5	4.95	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/76-08/25/76	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/76-08/25/76	2	5.65	5.65	6.6	4.7	1.805	1.344	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/76-08/25/76	2	1.8	1.8	2.	1.6	0.08	0.283	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/76-08/25/76	2	4.35	4.35	4.7	4.	0.245	0.495	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/21/76-08/25/76	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/21/76-08/25/76	2	30.5	30.5	32.	29.	4.5	2.121	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/76-08/25/76	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/76-08/25/76	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/76-08/25/76	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/25/76-08/25/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/25/76-08/25/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/25/76-08/25/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/25/76-08/25/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/21/76-01/18/77	4	855.	1110.	2700.	30.	1276866.667	1129.985	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/21/76-01/18/77	4	2.931	2.693	3.431	1.477	0.713	0.844	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			492.781								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/76-08/25/76	2	74.	74.	140.	8.	8712.	93.338	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/76-08/25/76	2	1.525	1.525	2.146	0.903	0.773	0.879	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0350

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			33.466								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/18/77	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/18/77	2 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.5								
71900	MERCURY, TOTAL (UG/L AS HG)	08/25/76-08/25/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0350

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	2	0.40	1	1	1.00	2	1	0.50	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00							1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
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
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	1	0.25	1	1	1.00	1	0	0.00	1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00							1	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0351

NPS Station ID: OLYM0351 LAT/LON: 47.921392/-124.620560 Agency: 112WRD Date Created: 01/25/77
Location: QUILLAYUTE ESTY (DICKEY R AT R.MI. 0.1) (SITE 9) FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 475517124371401
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/76-09/10/76	3	2.	1.5	2.	0.5	0.75	0.866	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/76-09/10/76	3	12.7	13.167	15.	11.8	2.723	1.65	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/76-09/10/76	3	9.3	9.6	10.6	8.9	0.79	0.889	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/10/76-09/10/76	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/10/76-09/10/76	3	0.2	0.6	1.4	0.2	0.48	0.693	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/10/76-09/10/76	3	0.03	0.027	0.03	0.02	0.	0.006	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/10/76-09/10/76	3	88.	310.	800.	42.	180604.	424.975	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/10/76-09/10/76	3	1.944	2.157	2.903	1.623	0.443	0.666	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			143.529								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	2	35.	35.	48.	22.	338.	18.385	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	2	1.512	1.512	1.681	1.342	0.057	0.24	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			32.496								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	2	13.	13.	24.	2.	242.	15.556	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/10/76-09/10/76	2	0.841	0.841	1.38	0.301	0.582	0.763	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			6.928								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0351

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00										3	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00										3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0352

NPS Station ID: OLYM0352 LAT/LON: 47.920004/-124.621949 Agency: 112WRD Date Created: 01/25/77
Location: QUILLAYUTE ESTUARY AT RIVER MILE 1.4 (SITE 8) FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 475512124371901
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-08/19/76	9	8.	6.333	8.	2.	7.	2.646	2.	3.5	8.	8.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-08/19/76	6	14.	14.7	17.	14.	1.5	1.225	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	7	0.	0.143	1.	0.	0.143	0.378	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/12/76-08/19/76	8	10.05	9.9	10.5	8.8	0.306	0.553	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	4	0.95	0.975	1.3	0.7	0.063	0.25	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/11/76-08/19/76	9	0.1	0.156	0.4	0.1	0.013	0.113	0.1	0.1	0.2	0.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-08/19/76	7	0.01	0.024	0.09	0.005	0.001	0.03	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	7	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-08/19/76	7	150.	282.286	720.	76.	56229.905	237.128	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/12/76-08/19/76	7	2.176	2.326	2.857	1.881	0.124	0.351	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			211.919								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	1	58.	58.	58.	58.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	1	1.763	1.763	1.763	1.763	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			58.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0352

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	7	0	0.00										7	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00										8	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	7	0	0.00										7	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0353

NPS Station ID: OLYM0353 LAT/LON: 48.136116/-124.622226 Agency: 11EPALES Date Created: / /
Location: UMBRELLA CREEK FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 5310B1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: T/OZETTE LAKE Elevation: 0 Water Body Id:
Minor Basin: BRDG ON OZETTE ROAD 2.6 MI SE OF OZETTE ECO Region:
RF1 Index: 17100101055 RF1 Mile Point: 0.880 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
SAMPLE FROM BRDG ON OZETTE RD 2.6 MI SE OF OZETTE SEC 3 T30N R15W LU

Parameter Inventory for Station: OLYM0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/74-08/02/75	9	0.02	0.021	0.05	0.003	0.	0.014	0.003	0.01	0.028	0.05
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	2	0.012	0.012	0.016	0.008	0.	0.006	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/74-08/02/75	9	0.2	0.189	0.4	0.05	0.012	0.108	0.05	0.1	0.25	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/74-08/02/75	9	0.05	0.042	0.09	0.005	0.001	0.034	0.005	0.008	0.075	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/21/74-08/02/75	9	0.01	0.014	0.03	0.005	0.	0.008	0.005	0.008	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/21/74-08/02/75	9	0.005	0.006	0.01	0.003	0.	0.003	0.003	0.003	0.008	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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0353

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	2	0	0.00	5	0	0.00				2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0354

NPS Station ID: OLYM0354
Location: 33N/15W-15G08
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 17110021
Major Basin:
Minor Basin:
RF1 Index: 17110021
RF3 Index:
Description:

LAT/LON: 48.361392/-124.623059
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 0.00

Agency: 112WRD
FIPS State/County: 53009 WASHINGTON/CLALLAM
STORET Station ID(s): 482141124372301
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

Date Created: 04/14/78
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: OLYM0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/77-11/03/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/03/77-11/03/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/77-11/03/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/77-11/03/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/03/77-11/03/77	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/03/77-11/03/77	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.5								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/03/77-11/03/77	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0354

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0355

NPS Station ID: OLYM0355 LAT/LON: 48.105671/-124.623338 Agency: 11NPSWRD Date Created: 04/25/98
Location: N. CENTRAL LAKE OZETTE 1/4 MILE W. OF GARDEN IS. FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): OLYM_NPS_WRD-2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 200 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 29 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALLENS BAY WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN OLYMPIC NATIONAL PARK IN THE NORTHERN AREA OF LAKE OZETTE 1/4 MILE WEST OF GARDEN ISLAND. DATA ARE FROM THE DRAFT PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYMPIC NATIONAL PARK BIOLOGISTS. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0355

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/01/93-03/29/94	96	75.	92.104	241.	0.	4796.41	69.256	10.	35.	153.75	205.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/93-03/29/94	96	7.2	9.278	19.	7.1	11.677	3.417	7.1	7.2	10.35	15.39
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/01/93-07/01/93	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/22/94-03/29/94	63	429.	444.587	517.	416.	1174.73	34.274	426.4	428.	431.	514.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/93-03/29/94	86	40.	39.93	47.	36.	4.466	2.113	37.	39.	40.	42.3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/93-03/29/94	86	10.5	10.297	10.9	8.8	0.234	0.483	9.3	10.275	10.6	10.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/01/93-07/01/93	17	91.5	94.194	100.1	90.4	18.818	4.338	90.48	90.6	99.65	100.02
00406	PH, FIELD, STANDARD UNITS SU	07/01/93-03/29/94	86	7.	6.811	7.6	5.96	0.168	0.41	6.	6.518	7.06	7.146
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/01/93-03/29/94	86	7.	6.584	7.6	5.96	0.22	0.469	6.	6.518	7.06	7.146
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/93-03/29/94	86	0.1	0.26	1.096	0.025	0.101	0.318	0.071	0.087	0.304	1.
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/01/93-03/29/94	70	10.4	9.699	27.6	1.1	19.301	4.393	1.8	9.8	10.5	10.89

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0355

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	86	0	0.00	3	0	0.00	63	0	0.00	17	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0355

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406	PH, FIELD	Fresh Chronic	9.	86	0	0.00	3	0	0.00	63	0	0.00	17	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	86	20	0.23	3	0	0.00	63	4	0.06	17	14	0.82	3	2	0.67
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	70	0	0.00	3	0	0.00	63	0	0.00	1	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0356

NPS Station ID: OLYM0356 | LAT/LON: 48.132948/-124.623615 | Agency: 11NPSWRD | Date Created: 11/01/97
Location: UMBRELLA CREEK UPSTREAM FROM LAKE OZETTE | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): OLYM_NPS_UC
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 29 | Water Body Id:
Minor Basin: WASHINGTON COAST | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE UMBRELLA CREEK WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE OLYMPIC NP ON UMBRELLA CREEK UPSTREAM FROM LAKE OZETTE. DATA ARE THE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYMPIC NP BIOLOGISTS. STORET CODE P00134 WAS USED TO INDICATE WATER SAMPLES WERE COLLECTED DURING STORM EVENTS OR DRY CONDITIONS. ONE AND ZERO WERE USED RESPECTIVELY. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0356

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-11/30/94	21	8.9	10.014	16.	2.7	13.86	3.723	5.48	7.15	13.5	15.68
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/21/93-10/19/94	11	4.	11.064	59.	0.7	285.705	16.903	0.76	3.	17.	50.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/93-11/30/94	21	50.	59.048	101.	24.	590.648	24.303	31.8	38.5	83.	95.
00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/21/93-11/30/94	21	0.	0.143	1.	0.	0.129	0.359	0.	0.	0.	1.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/93-11/30/94	17	10.3	10.247	12.3	8.3	1.408	1.186	8.62	9.1	11.3	11.82
00406	PH, FIELD, STANDARD UNITS SU	12/16/93-11/30/94	16	6.985	6.909	7.4	6.19	0.101	0.318	6.316	6.753	7.155	7.253
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/16/93-11/30/94	16	6.985	6.782	7.4	6.19	0.118	0.344	6.316	6.753	7.155	7.253
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/93-11/30/94	16	0.104	0.165	0.646	0.04	0.025	0.159	0.057	0.07	0.177	0.492
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	12/16/93-11/30/94	15	351.	369.667	459.	307.	1892.667	43.505	314.2	345.	391.	456.6
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/21/93-11/30/94	20	5.5	19.09	161.	0.3	1366.954	36.972	0.44	1.5	19.825	55.01

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0356

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	17	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	16	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	16	2	0.13	3	1	0.33	7	1	0.14	4	0	0.00	2	0	0.00
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	20	3	0.15	4	1	0.25	7	1	0.14	5	1	0.20	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0357

NPS Station ID: OLYM0357
LAT/LON: 48.361671/-124.623615
Agency: 112WRD
Date Created: 04/14/78
Location: 33N/15W-15G05
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 482142124372501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/77-11/03/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/03/77-11/03/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/77-11/03/77	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/77-11/03/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/03/77-11/03/77	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/03/77-11/03/77	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.5								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/03/77-11/03/77	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0357

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0358

NPS Station ID: OLYM0358
LAT/LON: 48.360838/-124.623615
Agency: 112WRD
Date Created: 04/14/78
Location: 33N/15W-15G07
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 482139124372501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/77-11/03/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/03/77-11/03/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/77-11/03/77	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/77-11/03/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/03/77-11/03/77	1	36.	36.	36.	36.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/03/77-11/03/77	1	1.556	1.556	1.556	1.556	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			36.								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/03/77-11/03/77	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0358

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0359

NPS Station ID: OLYM0359
LAT/LON: 48.361392/-124.624171
Agency: 112WRD
Date Created: 04/14/78
Location: 33N/15W-15G06
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 482141124372701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/03/77-11/03/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/03/77-11/03/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/03/77-11/03/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/77-11/03/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/03/77-11/03/77	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/03/77-11/03/77	1 ##	0.176	0.176	0.176	0.176	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.5								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/03/77-11/03/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0359

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0360

NPS Station ID: OLYM0360
LAT/LON: 48.265559/-124.624448
Agency: 112WRD
Date Created: 07/30/76
Location: SOOES R BLW MILLER CR NR OZETTE,WASH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043163
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101057
RF1 Mile Point: 4.730
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/76-03/23/77	6	8.6	9.483	15.3	6.8	10.146	3.185	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	04/20/76-04/20/76	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/02/76-03/23/77	6	447.	594.333	1820.	48.	412384.667	642.172	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/20/76-03/23/77	5	15.	18.2	45.	2.	282.7	16.814	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/76-03/23/77	6	49.	51.333	75.	39.	175.067	13.231	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/20/76-03/23/77	6	10.7	10.733	12.	9.7	0.723	0.85	**	**	**	**
00400	PH (STANDARD UNITS)	04/20/76-03/23/77	6	7.1	7.017	7.3	6.5	0.082	0.286	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/20/76-03/23/77	6	7.1	6.924	7.3	6.5	0.092	0.303	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/76-03/23/77	6	0.079	0.119	0.316	0.05	0.01	0.1	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/76-08/25/76	2	4.95	4.95	7.6	2.3	14.045	3.748	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/76-08/25/76	2	18.	18.	24.	12.	72.	8.485	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/20/76-08/25/76	2	22.	22.	29.	15.	98.	9.899	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/25/76-08/25/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/76-08/25/76	2	0.145	0.145	0.15	0.14	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/76-08/25/76	2	0.08	0.08	0.12	0.04	0.003	0.057	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/76-08/25/76	2	0.225	0.225	0.26	0.19	0.002	0.049	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/76-08/25/76	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/76-08/25/76	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/76-08/25/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/76-08/25/76	2	20.	20.	25.	15.	50.	7.071	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/76-08/25/76	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/76-08/25/76	2	5.35	5.35	6.7	4.	3.645	1.909	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/76-08/25/76	2	1.65	1.65	2.	1.3	0.245	0.495	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/76-08/25/76	2	4.35	4.35	4.9	3.8	0.605	0.778	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/20/76-08/25/76	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/20/76-08/25/76	2	31.5	31.5	34.	29.	12.5	3.536	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/76-08/25/76	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/76-08/25/76	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/76-08/25/76	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/25/76-08/25/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/25/76-08/25/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/25/76-08/25/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/25/76-08/25/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/20/76-01/18/77	4	1035.	1878.25	5400.	43.	5819818.917	2412.43	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/20/76-01/18/77	4	2.986	2.835	3.732	1.633	0.782	0.884	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			683.15								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/25/76	2	49.5	49.5	92.	7.	3612.5	60.104	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/25/76	2	1.404	1.404	1.964	0.845	0.626	0.791	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			25.377								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/18/77	2	104.5	104.5	200.	9.	18240.5	135.057	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-01/18/77	2	1.628	1.628	2.301	0.954	0.907	0.952	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			42.426								
71900	MERCURY, TOTAL (UG/L AS HG)	08/25/76-08/25/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0360

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-7/31----------			----------8/01-9/30----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	6	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	6	1	0.17	1	0	0.00	2	0	0.00	2	1	0.50	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00							1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
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
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	2	0.50	1	1	1.00	1	1	1.00	1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00							1	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	1	0.50	1	1	1.00	1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0361

NPS Station ID: OLYM0361 LAT/LON: 48.357226/-124.625005 Agency: 112WRD Date Created: 07/30/76
Location: WAATCH R BLW EDUCKET CR AT NEAH BAY,WASH FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12043173
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17110021 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17110021001 RF1 Mile Point: 6.600 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/76-11/02/77	7	7.8	8.071	11.1	5.5	3.519	1.876	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/02/76-11/03/77	10	64.5	118.	387.	12.	14794.	121.631	12.	30.75	196.	373.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/20/76-11/02/77	6	1.5	2.833	8.	1.	7.767	2.787	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/76-11/02/77	7	47.	46.714	60.	37.	63.905	7.994	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/20/76-11/02/77	7	11.3	11.071	11.9	10.	0.556	0.745	**	**	**	**
00400	PH (STANDARD UNITS)	04/20/76-11/02/77	7	6.9	6.871	7.3	6.3	0.109	0.33	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/20/76-11/02/77	7	6.9	6.754	7.3	6.3	0.125	0.354	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/76-11/02/77	7	0.126	0.176	0.501	0.05	0.025	0.157	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/76-11/02/77	3	4.8	5.367	8.8	2.5	10.163	3.188	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/76-11/02/77	3	10.	11.667	16.	9.	14.333	3.786	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/20/76-11/02/77	3	12.	14.333	20.	11.	24.333	4.933	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/25/76-11/02/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/02/77-11/02/77	1	0.89	0.89	0.89	0.89	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/76-11/02/77	3	0.1	0.103	0.13	0.08	0.001	0.025	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/76-11/02/77	3	0.07	0.057	0.07	0.03	0.001	0.023	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	2	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/76-11/02/77	3	0.17	0.16	0.2	0.11	0.002	0.046	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/02/77-11/02/77	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/76-08/25/76	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/76-08/25/76	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/76-08/25/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/76-11/02/77	3	19.	17.667	21.	13.	17.333	4.163	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/76-11/02/77	3	4.	5.667	9.	4.	8.333	2.887	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/76-11/02/77	3	5.3	4.833	5.7	3.5	1.373	1.172	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/76-11/02/77	3	1.1	1.333	1.8	1.1	0.163	0.404	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/76-11/02/77	3	5.1	4.667	5.1	3.8	0.563	0.751	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/20/76-11/02/77	3	0.5	0.5	0.6	0.4	0.01	0.1	**	**	**	**
00932	SODIUM, PERCENT	04/20/76-11/02/77	3	34.	36.333	45.	30.	60.333	7.767	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/76-11/02/77	3	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/76-11/02/77	3	6.	5.667	7.	4.	2.333	1.528	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/76-11/02/77	3	5.	5.	6.	4.	1.	1.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/20/76-11/03/77	6	340.	390.667	1000.	4.	129258.667	359.526	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/20/76-11/03/77	6	2.525	2.233	3.	0.602	0.75	0.866	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			171.098								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/26/76	3	24.	16.667	25.	1.	184.333	13.577	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/26/76	3	1.38	0.926	1.398	0.	0.643	0.802	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			8.434								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	3	18.	18.333	31.	6.	156.333	12.503	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	3	1.255	1.175	1.491	0.778	0.132	0.363	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			14.96								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/02/77-11/02/77	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0361

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	7	1	0.14	2	1	0.50	2	0	0.00	2	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00							1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	1	0.17	2	1	0.50	1	0	0.00	2	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00							2	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0362

NPS Station ID: OLYM0362
LAT/LON: 47.911115/-124.625005
Agency: 112WRD
Date Created: 04/14/78
Location: 28N/15W-22P01
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 475440124374001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/67-09/15/67	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/15/67-09/15/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/67-09/15/67	2	396.	396.	420.	372.	1152.	33.941	**	**	**	**
00400	PH (STANDARD UNITS)	09/15/67-09/15/67	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/15/67-09/15/67	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/67-09/15/67	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/15/67-09/15/67	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/15/67-09/15/67	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/15/67-09/15/67	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/15/67-09/15/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/15/67-09/15/67	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/15/67-09/15/67	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/15/67-09/15/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/15/67-09/15/67	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/67-09/15/67	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/67-09/15/67	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/15/67-09/15/67	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/15/67-09/15/67	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/67-09/15/67	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/67-09/15/67	2	72.	72.	78.	66.	72.	8.485	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/15/67-09/15/67	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/67-09/15/67	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/67-09/15/67	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/15/67-09/15/67	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/15/67-09/15/67	1	260.	260.	260.	260.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/15/67-09/15/67	1	249.	249.	249.	249.	0.	0.	**	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	09/15/67-09/15/67	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
72008	DEPTH, TOTAL OF WELL (FT BELOW LAND SURFACE DATUM)	09/15/67-09/15/67	1	37.	37.	37.	37.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0362

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0363

NPS Station ID: OLYM0363 LAT/LON: 47.922226/-124.625560 Agency: 112WRD Date Created: 01/25/77
Location: QUILLAYUTE ESTUARY AT RIVER MILE 1.1 (SITE 7) FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 475520124373201
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0363

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/10/76	27	7.	9.741	23.	2.	64.199	8.012	2.	2.	18.	21.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	23	14.	13.443	16.9	10.	4.346	2.085	10.14	11.1	14.7	16.42
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	12	1.	0.75	1.	0.	0.205	0.452	0.	0.25	1.	1.
00300	OXYGEN, DISSOLVED MG/L	08/12/76-09/10/76	18	8.1	8.283	11.1	5.6	2.405	1.551	5.87	7.175	9.525	10.56
00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-09/10/76	8	1.15	1.138	1.5	0.8	0.057	0.239	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	27	3.3	13.019	31.	0.1	183.982	13.564	0.1	0.4	28.	31.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	16	0.04	0.053	0.12	0.02	0.001	0.035	0.02	0.02	0.085	0.113
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.009	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	12	0.02	0.025	0.04	0.02	0.	0.007	0.02	0.02	0.03	0.037
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-09/10/76	16	80.	124.938	760.	4.	32290.729	179.696	8.2	35.75	145.	368.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/12/76-09/10/76	16	1.9	1.8	2.881	0.602	0.317	0.563	0.881	1.553	2.161	2.475
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			63.04								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0363

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00										12	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00										18	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	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

Station Inventory for Station: OLYM0364

NPS Station ID: OLYM0364 | LAT/LON: 48.055559/-124.625837 | Agency: 11EPALES | Date Created: / /
Location: OZETTE LAKE | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 531003
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 | Depth of Water: 999 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 17100101046 | RF1 Mile Point: 14.820 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
S BASIN; 140 DEGREES FR TIVOLI ISLAND; FAVORING MOUTH OF S END. COMMENTS: 3-31 ULE MORE THAN 21; 1% LIGHT AT 3 M; INTEG 15 FT.
7-18 ULE 21, VERY HUMIC; 1% LIGHT, 15 FT; INTEG 15 FT; DEPTH 999 FT. 10-29 ULE 9; 1% LIGHT, 2.5M; DEPTH 999 FT.
MAP: OZETTE LAKE QUAD

Parameter Inventory for Station: OLYM0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/31/75-10/29/75	23	55.	76.739	220.	0.	5669.565	75.297	0.	5.	135.	202.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/75-10/29/75	23	8.	9.243	17.1	6.	11.383	3.374	6.32	6.6	10.7	16.2
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/31/75-10/29/75	23	100.	98.217	101.	93.	12.632	3.554	93.	93.	101.	101.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/31/75-10/29/75	3	114.	92.	114.	48.	1452.	38.105	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/75-10/29/75	23	29.	30.174	37.	26.	10.15	3.186	27.4	28.	33.	36.6
00300	OXYGEN, DISSOLVED MG/L	03/31/75-10/29/75	23	10.	10.23	11.8	8.8	0.981	0.991	9.08	9.4	11.4	11.6
00400	PH (STANDARD UNITS)	03/31/75-10/29/75	23	6.85	6.735	7.3	6.3	0.085	0.291	6.32	6.4	6.9	7.14
00400	CONVERTED PH (STANDARD UNITS)	03/31/75-10/29/75	23	6.85	6.643	7.3	6.3	0.094	0.306	6.32	6.4	6.9	7.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/31/75-10/29/75	23	0.141	0.227	0.501	0.05	0.023	0.15	0.074	0.126	0.398	0.479
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/31/75-10/29/75	23 ##	5.	6.739	14.	5.	11.565	3.401	5.	5.	5.	13.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/31/75-10/29/75	23	0.02	0.019	0.04	0.01	0.	0.011	0.01	0.01	0.03	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/31/75-10/29/75	23	0.2	0.174	0.3	0.1	0.006	0.075	0.1	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/31/75-10/29/75	23	0.09	0.077	0.12	0.01	0.001	0.029	0.014	0.07	0.09	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/31/75-10/29/75	23	0.01	0.01	0.015	0.007	0.	0.002	0.007	0.009	0.011	0.014
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/31/75-10/29/75	22	0.005	0.004	0.009	0.001	0.	0.002	0.002	0.003	0.006	0.008
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/31/75-10/29/75	2	0.85	0.85	1.	0.7	0.045	0.212	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/31/75-10/29/75	3	999.	999.	999.	999.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0364

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	23	0	0.00	8	0	0.00	7	0	0.00	8	0	0.00			
00400	PH	Fresh Chronic	9.	23	0	0.00	8	0	0.00	7	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	23	8	0.35	8	8	1.00	7	0	0.00	8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	23	0	0.00	8	0	0.00	7	0	0.00	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0365

NPS Station ID: OLYM0365
LAT/LON: 48.231948/-124.626393
Agency: 112WRD
Date Created: 07/30/76
Location: PILCHUCK CREEK NEAR OZETTE,WASH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043159
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101058
RF1 Mile Point: 1.080
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/76-11/03/77	7	8.5	9.057	14.5	6.4	7.353	2.712	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/20/76-11/03/77	6	7.	10.5	35.	2.	157.5	12.55	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/76-11/03/77	7	48.	51.429	68.	38.	137.286	11.717	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/20/76-11/03/77	7	10.5	10.314	11.5	9.	0.685	0.828	**	**	**	**
00400	PH (STANDARD UNITS)	04/20/76-11/03/77	7	6.7	6.729	7.2	6.5	0.069	0.263	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/20/76-11/03/77	7	6.7	6.67	7.2	6.5	0.073	0.27	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/76-11/03/77	7	0.2	0.214	0.316	0.063	0.011	0.104	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/76-11/03/77	3	6.6	5.333	7.1	2.3	6.963	2.639	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/76-11/03/77	3	11.	13.667	19.	11.	21.333	4.619	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/20/76-11/03/77	3	14.	16.667	23.	13.	30.333	5.508	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/25/76-11/03/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/03/77-11/03/77	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/76-11/03/77	3	0.15	0.153	0.21	0.1	0.003	0.055	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/76-11/03/77	3	0.06	0.08	0.12	0.06	0.001	0.035	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/76-11/03/77	3	0.22	0.233	0.27	0.21	0.001	0.032	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/03/77-11/03/77	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/76-08/25/76	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/76-08/25/76	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/76-08/25/76	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/76-11/03/77	3	18.	18.667	21.	17.	4.333	2.082	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/76-11/03/77	3	5.	4.667	7.	2.	6.333	2.517	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/76-11/03/77	3	4.7	4.867	5.5	4.4	0.323	0.569	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/76-11/03/77	3	1.5	1.567	1.8	1.4	0.043	0.208	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/76-11/03/77	3	4.9	4.567	4.9	3.9	0.333	0.577	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/20/76-11/03/77	3	0.5	0.467	0.5	0.4	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	04/20/76-11/03/77	3	33.	34.	38.	31.	13.	3.606	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/76-11/03/77	3	0.6	0.667	0.8	0.6	0.013	0.115	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/76-11/03/77	3	5.	5.	6.	4.	1.	1.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/76-11/03/77	3	6.	6.	7.	5.	1.	1.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/25/76-08/25/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/25/76-08/25/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/25/76-08/25/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/25/76-08/25/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/20/76-11/03/77	5	870.	1267.	3700.	35.	2181145.	1476.87	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/20/76-11/03/77	5	2.94	2.718	3.568	1.544	0.622	0.788	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			522.302								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/25/76	2	24.	24.	36.	12.	288.	16.971	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/25/76	2	1.318	1.318	1.556	1.079	0.114	0.337	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			20.785								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	3	44.	60.	130.	6.	4036.	63.53	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	3	1.643	1.512	2.114	0.778	0.459	0.678	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			32.497								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/03/77-11/03/77	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/25/76-08/25/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0365

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	7	3	0.43	2	2	1.00	2	0	0.00	2	1	0.50	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00							1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
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
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	2	0.40	2	1	0.50	1	1	1.00	1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00							1	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0366

NPS Station ID: OLYM0366 LAT/LON: 48.070337/-124.626670 Agency: 11NPSWRD Date Created: 04/25/98
Location: S. END LAKE OZETTE 1/2 MILE E. OF TIVOLI ISLAND FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): OLYM_NPS_WRD-4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 230 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 29 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALLENS BAY WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN OLYMPIC NATIONAL PARK NEAR THE SOUTHERN END OF LAKE OZETTE 1/2 MILE EAST OF TIVOLI ISLAND. DATA ARE FROM THE DRAFT PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYMPIC NATIONAL PARK BIOLOGISTS. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/01/93-03/29/94	112	81.	100.67	240.	0.	5304.187	72.83	11.5	36.25	163.	215.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/93-03/29/94	112	7.4	9.282	20.	7.2	12.573	3.546	7.2	7.2	10.	15.63
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/01/93-11/09/93	3	5.	4.533	5.2	3.4	0.973	0.987	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/22/94-03/29/94	75	499.	499.747	508.	495.	7.921	2.815	497.	498.	501.	504.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/93-03/29/94	98	35.	35.908	40.	26.	5.569	2.36	34.	34.	37.	39.1
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/93-03/29/94	98	10.4	10.281	11.1	7.9	0.263	0.513	9.48	10.375	10.5	10.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/01/93-07/01/93	17	91.3	94.435	103.2	90.1	27.99	5.291	90.1	90.55	100.45	103.2
00406	PH, FIELD, STANDARD UNITS SU	07/01/93-03/29/94	98	6.81	6.722	7.4	5.97	0.082	0.286	6.056	6.765	6.84	6.903
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/01/93-03/29/94	98	6.81	6.593	7.4	5.97	0.099	0.315	6.056	6.765	6.84	6.903
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/93-03/29/94	98	0.155	0.256	1.072	0.04	0.074	0.273	0.125	0.145	0.172	0.879
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/01/93-03/29/94	82	16.95	11.687	27.9	0.7	56.326	7.505	2.73	2.975	17.5	17.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0366

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	98	0	0.00	3	0	0.00	75	0	0.00	17	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0366

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406	PH, FIELD	Fresh Chronic	9.	98	0	0.00	3	0	0.00	75	0	0.00	17	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	98	14	0.14	3	0	0.00	75	0	0.00	17	13	0.76	3	1	0.33
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	82	0	0.00	3	0	0.00	75	0	0.00	1	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0367

NPS Station ID: OLYM0367
LAT/LON: 48.126115/-124.626948
Agency: 11NPSWRD
Date Created: 04/25/98
Location: UMBRELLA CREEK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-UC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE OZETTE WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON UMBRELLA CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0367

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/95-10/11/96	3	86.	85.333	86.	84.	1.333	1.155	**	**	**	**
00400	PH (STANDARD UNITS)	08/09/95-10/11/96	3	7.5	7.533	7.6	7.5	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/09/95-10/11/96	3	7.5	7.531	7.6	7.5	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/95-10/11/96	3	0.032	0.029	0.032	0.025	0.	0.004	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/09/95-10/11/96	3	5.	4.667	5.	4.	0.333	0.577	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/09/95-10/11/96	2	12.	12.	16.	8.	32.	5.657	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	10/11/96-10/11/96	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/95-10/11/96	2	0.011	0.011	0.014	0.007	0.	0.005	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/09/95-08/09/95	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/09/95-10/11/96	2	0.24	0.24	0.25	0.23	0.	0.014	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/09/95-10/11/96	4	0.006	0.005	0.007	0.003	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/09/95-10/11/96	2 ##	0.002	0.002	0.004	0.001	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/95-10/11/96	2	7.55	7.55	7.8	7.3	0.125	0.354	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/95-10/11/96	2	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/95-10/11/96	2	4.505	4.505	4.67	4.34	0.054	0.233	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/95-10/11/96	2	0.495	0.495	0.54	0.45	0.004	0.064	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/95-10/11/96	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/95-10/11/96	2	9.4	9.4	11.1	7.7	5.78	2.404	**	**	**	**
50938	ANION - CATION RATIO	08/09/95-10/11/96	2	1.045	1.045	1.05	1.04	0.	0.007	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/95-10/11/96	2	55.5	55.5	63.	48.	112.5	10.607	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0367

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	1	0	0.00							2	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00							2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	250.	2	0	0.00	1	0	0.00							1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00							1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0368

NPS Station ID: OLYM0368
LAT/LON: 48.369727/-124.627227
Agency: 112WRD
Date Created: 07/30/76
Location: VILLAGE CR AT NEAH BAY,WASH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043186
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021001
RF1 Mile Point: 6.230
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/21/76-11/02/77	7	8.	8.286	10.8	6.5	2.468	1.571	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/21/76-11/02/77	6	1.	2.667	7.	1.	7.067	2.658	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/76-11/02/77	7	50.	49.714	65.	40.	66.571	8.159	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/02/76-11/02/77	6	11.4	10.983	11.5	9.1	0.87	0.933	**	**	**	**
00400	PH (STANDARD UNITS)	04/21/76-11/02/77	7	6.8	6.929	7.7	6.4	0.189	0.435	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/21/76-11/02/77	7	6.8	6.784	7.7	6.4	0.214	0.462	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/76-11/02/77	7	0.158	0.165	0.398	0.02	0.015	0.124	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/21/76-11/02/77	3	2.4	2.367	3.5	1.2	1.323	1.15	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/76-11/02/77	3	10.	10.333	12.	9.	2.333	1.528	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/21/76-11/02/77	3	12.	12.667	15.	11.	4.333	2.082	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/25/76-11/02/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/02/77-11/02/77	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/21/76-11/02/77	3	0.13	0.113	0.14	0.07	0.001	0.038	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/21/76-11/02/77	3	0.03	0.037	0.05	0.03	0.	0.012	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/21/76-08/25/76	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/21/76-08/25/76	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/21/76-11/02/77	3	0.17	0.15	0.18	0.1	0.002	0.044	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/02/77-11/02/77	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/21/76-08/25/76	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/21/76-08/25/76	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/21/76-08/25/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/76-11/02/77	3	16.	16.333	18.	15.	2.333	1.528	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/76-11/02/77	3	5.	6.	9.	4.	7.	2.646	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/76-11/02/77	3	3.8	3.967	4.6	3.5	0.323	0.569	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/76-11/02/77	3	1.5	1.533	1.6	1.5	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/76-11/02/77	3	5.1	4.967	5.6	4.2	0.503	0.709	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/21/76-11/02/77	3	0.6	0.533	0.6	0.4	0.013	0.115	**	**	**	**
00932	SODIUM, PERCENT	04/21/76-11/02/77	3	40.	39.333	44.	34.	25.333	5.033	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/76-11/02/77	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/76-11/02/77	3	7.	6.333	7.	5.	1.333	1.155	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/76-11/02/77	3	6.	5.667	7.	4.	2.333	1.528	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/21/76-11/03/77	6	136.	184.	370.	40.	19710.4	140.394	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/21/76-11/03/77	6	2.11	2.139	2.568	1.602	0.144	0.38	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			137.753								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/76-08/26/76	3	4.	7.333	16.	2.	57.333	7.572	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/21/76-08/26/76	3	0.602	0.702	1.204	0.301	0.211	0.46	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.04								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	3	6.	5.833	11.	0.5	27.583	5.252	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	3	0.778	0.506	1.041	-0.301	0.506	0.711	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			3.208								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/02/77-11/02/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0368

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	7	1	0.14	2	1	0.50	2	0	0.00	2	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00							1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00							2	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0369

NPS Station ID: OLYM0369 LAT/LON: 47.914726/-124.629726 Agency: 112WRD Date Created: 01/25/77
Location: SLOUGH BEHIND HARLEY'S RESORT AT LAPUSH,WASH FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 475453124374701
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/76-09/10/76	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/10/76-09/10/76	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/76-09/10/76	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/10/76-09/10/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/10/76-09/10/76	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/10/76-09/10/76	3	300.	316.667	420.	230.	9233.333	96.09	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/10/76-09/10/76	3	2.477	2.487	2.623	2.362	0.017	0.131	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			307.161								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	1	140.	140.	140.	140.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	1	2.146	2.146	2.146	2.146	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			140.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/10/76-09/10/76	1	1.041	1.041	1.041	1.041	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			11.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0369

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00										3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0370

NPS Station ID: OLYM0370 LAT/LON: 47.919726/-124.630282 Agency: 112WRD Date Created: 01/25/77
Location: QUILLAYUTE ESTUARY AT RIVER MILE 0.9 (SITE 6) FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 475511124374901
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/10/76	18	2.5	5.611	13.	2.	17.899	4.231	2.	2.	9.25	12.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	16	14.	13.825	15.8	10.6	1.47	1.212	11.72	13.8	14.3	15.24
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/10/76	16	9.2	9.031	11.	6.3	1.693	1.301	7.07	7.825	10.05	10.72
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	6	0.95	1.083	1.7	0.9	0.098	0.313	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	18	3.2	8.283	29.4	0.2	99.474	9.974	0.29	0.65	17.1	24.54
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	16	0.04	0.052	0.12	0.01	0.001	0.033	0.017	0.03	0.087	0.106
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	12	0.02	0.022	0.04	0.01	0.	0.008	0.01	0.02	0.028	0.037
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-09/10/76	14	115.	179.571	800.	16.	42091.802	205.163	17.5	29.	212.5	585.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/76-09/10/76	14	2.06	2.012	2.903	1.204	0.259	0.509	1.241	1.459	2.325	2.736
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			102.83								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0370

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-7/31---------- Obs	Exceed	Prop.	----------8/01-9/30---------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	12	0	0.00										12	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00										16	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	0	0.00										14	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0371

NPS Station ID: OLYM0371 | LAT/LON: 48.060310/-124.632587 | Agency: 11NPSWRD | Date Created: 11/01/97
Location: SOUTH END LAKE OZETTE | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): OLYM_NPS_4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 29 | Water Body Id:
Minor Basin: WASHINGTON COAST | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALLENS BAY WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LAKE OZETTE NEAR THE SOUTHERN END. DATA ARE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYM NP BIOLOGISTS. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/93-07/18/94	12	59.	88.333	203.	3.	7742.061	87.989	3.	3.	203.	203.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/93-07/18/94	12	0.004	0.005	0.01	0.003	0.	0.002	0.003	0.003	0.007	0.009
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/93-07/18/94	12	0.1	0.108	0.13	0.1	0.	0.012	0.1	0.1	0.118	0.13
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/93-07/18/94	12	0.2	0.168	0.2	0.04	0.004	0.06	0.049	0.125	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/93-07/18/94	12	0.007	0.007	0.012	0.004	0.	0.002	0.004	0.005	0.009	0.011
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/93-07/18/94	12 ##	0.001	0.001	0.003	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: OLYM0371

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	12	0	0.00				3	0	0.00	6	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0372

NPS Station ID: OLYM0372
LAT/LON: 48.356392/-124.632504
Agency: 112WRD
Date Created: 07/30/76
Location: WAATCH RIVER AT NEAH BAY,WASH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043176
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17110021001
RF1 Mile Point: 6.600
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/20/76-11/02/77	8	8.25	8.4	12.	5.5	3.529	1.878	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/20/76-11/02/77	6	2.5	2.333	4.	1.	1.467	1.211	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/76-11/02/77	7	65.	113.429	423.	41.	18806.619	137.137	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/20/76-11/02/77	7	10.9	10.8	11.8	9.	0.863	0.929	**	**	**	**
00400	PH (STANDARD UNITS)	04/20/76-11/02/77	7	6.7	6.686	7.3	6.1	0.191	0.438	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/20/76-11/02/77	7	6.7	6.51	7.3	6.1	0.228	0.477	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/76-11/02/77	7	0.2	0.309	0.794	0.05	0.083	0.288	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/76-11/02/77	3	11.	9.933	17.	1.8	58.613	7.656	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/76-11/02/77	3	11.	13.	19.	9.	28.	5.292	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/20/76-11/02/77	3	13.	15.667	23.	11.	41.333	6.429	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/25/76-11/02/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/02/77-11/02/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/20/76-11/02/77	3	0.14	0.13	0.14	0.11	0.	0.017	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/20/76-11/02/77	3	0.08	0.083	0.12	0.05	0.001	0.035	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/20/76-08/25/76	2	0.145	0.145	0.15	0.14	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/20/76-11/02/77	3	0.22	0.213	0.26	0.16	0.003	0.05	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/02/77-11/02/77	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/20/76-08/25/76	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/20/76-08/25/76	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/20/76-08/25/76	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/20/76-11/02/77	3	16.	26.667	49.	15.	374.333	19.348	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/20/76-11/02/77	3	6.	13.667	30.	5.	200.333	14.154	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/76-11/02/77	3	3.9	4.833	7.4	3.2	5.063	2.25	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/20/76-11/02/77	3	1.8	3.533	7.3	1.5	10.663	3.265	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/20/76-11/02/77	3	4.9	21.767	56.	4.4	879.003	29.648	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/20/76-11/02/77	3	0.5	1.5	3.5	0.5	3.	1.732	**	**	**	**
00932	SODIUM, PERCENT	04/20/76-11/02/77	3	39.	49.	70.	38.	331.	18.193	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/20/76-11/02/77	3	0.7	1.233	2.6	0.4	1.423	1.193	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/76-11/02/77	3	7.	36.333	97.	5.	2761.333	52.548	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/76-11/02/77	3	6.	9.333	18.	4.	57.333	7.572	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/20/76-11/03/77	6	620.	625.	1400.	50.	245270.	495.247	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/20/76-11/03/77	6	2.791	2.598	3.146	1.699	0.293	0.542	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			396.04								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/26/76	3	62.	43.667	64.	5.	1122.333	33.501	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/20/76-08/26/76	3	1.792	1.433	1.806	0.699	0.404	0.635	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			27.072								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	3	19.	31.333	72.	3.	1304.333	36.116	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/17/76-11/03/77	3	1.279	1.204	1.857	0.477	0.48	0.693	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			16.01								
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/02/77-11/02/77	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0372

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
00400	PH	Fresh Chronic	9.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	7	2	0.29	2	1	0.50	2	0	0.00	2	1	0.50	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00							1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	1	0.17	2	0	0.00	1	0	0.00	2	1	0.50	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00							2	0	0.00	1	0	0.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0373

NPS Station ID: OLYM0373 LAT/LON: 47.917504/-124.633337 Agency: 112WRD Date Created: 01/25/77
Location: QUILLAYUTE ESTUARY AT RIVER MILE 0.6 (SITE 5) FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 475503124380001
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/10/76	26	5.	5.115	13.	2.	8.906	2.984	2.	2.	7.25	8.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	25	14.3	13.956	15.7	11.	1.437	1.199	11.68	14.05	14.5	15.36
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	18	1.	0.889	1.	0.	0.105	0.323	0.	1.	1.	1.
00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/10/76	22	9.1	8.895	11.	5.9	1.525	1.235	6.83	8.225	9.8	10.2
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-09/10/76	9	1.4	1.278	2.	0.4	0.254	0.504	0.4	0.9	1.65	2.
00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	26	7.45	11.4	31.	0.2	118.318	10.877	0.61	1.775	23.025	27.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	22	0.065	0.064	0.23	0.01	0.002	0.048	0.02	0.03	0.083	0.107
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	18 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.006
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	18	0.02	0.025	0.04	0.01	0.	0.008	0.019	0.02	0.03	0.04
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-09/10/76	20	190.	299.05	870.	4.	78639.418	280.427	31.4	60.5	492.5	846.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/76-09/10/76	20	2.247	2.203	2.94	0.602	0.359	0.599	1.497	1.765	2.692	2.927
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			159.681								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0373

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	18	0	0.00										18	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	0	0.00										22	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	20	0	0.00										20	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0374

NPS Station ID: OLYM0374
LAT/LON: 47.915559/-124.634449
Agency: 112WRD
Date Created: 01/25/77
Location: MOUTH OF HARLEY'S RESORT BOAT BA
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 475456124380401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/76-09/08/77	18	1.5	2.056	8.	1.	2.997	1.731	1.	1.	2.25	4.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-09/10/76	6	13.5	13.167	14.8	10.3	2.675	1.635	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/77-09/08/77	18	2280.	14813.333	45500.	1090.	340556682.353	18454.178	1288.	1460.	40750.	43700.
00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/08/77	11	8.7	8.5	11.	5.7	1.842	1.357	6.02	7.5	9.2	10.68
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-09/10/76	7	1.1	1.5	3.9	0.9	1.157	1.075	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/19/76-09/10/76	8	3.75	6.963	29.1	2.1	83.106	9.116	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	8	0.05	0.055	0.12	0.03	0.001	0.028	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	4	0.01	0.009	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	4	0.015	0.018	0.03	0.01	0.	0.01	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-09/08/77	28	160.	391.393	1400.	1.	199019.803	446.116	2.8	23.25	782.5	1100.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/76-09/08/77	28	2.204	1.988	3.146	0.	1.001	1.	0.429	1.365	2.893	3.041
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			97.207								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	7	180.	242.143	450.	39.	39968.143	199.92	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	7	2.255	2.193	2.653	1.591	0.233	0.483	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			156.084								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	4	38.5	48.75	108.	10.	2174.25	46.629	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/10/76-09/10/76	4	1.46	1.488	2.033	1.	0.259	0.509	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			30.788								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0374

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00										4	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00										11	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	28	6	0.21										28	6	0.21
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	3	0.43										7	3	0.43

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0375

NPS Station ID: OLYM0375 LAT/LON: 47.912504/-124.635004 Agency: 112WRD Date Created: 01/25/77
Location: HARLEY'S RESORT INNER BOAT BASIN LA PUSH, WASH FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 475445124380601
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/10/76-09/10/76	3	2.	6.333	15.	2.	56.333	7.506	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/10/76-09/10/76	2	6.15	6.15	8.3	4.	9.245	3.041	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	09/10/76-09/10/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/10/76-09/10/76	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/10/76-09/10/76	2	1430.	1430.	2300.	560.	1513800.	1230.366	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/10/76-09/10/76	2	3.055	3.055	3.362	2.748	0.188	0.434	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1134.901								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	2	83.	83.	130.	36.	4418.	66.468	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/10/76-09/10/76	2	1.835	1.835	2.114	1.556	0.155	0.394	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			68.411								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	2	81.	81.	116.	46.	2450.	49.497	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/10/76-09/10/76	2	1.864	1.864	2.064	1.663	0.081	0.284	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			73.048								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0375

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50										2	1	0.50
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	1	0.50										2	1	0.50
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0376

NPS Station ID: OLYM0376
LAT/LON: 48.103226/-124.636337
Agency: 11NPSWRD
Date Created: 11/01/97
Location: NORTH CENTRAL LAKE OZETTE
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): OLYM_NPS_2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 29
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALLENS BAY WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LAKE OZETTE IN THE NORTHERN AREA. DATA ARE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYM NP BIOLOGISTS. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/93-07/18/94	12	59.	76.75	174.	3.	5172.932	71.923	3.	3.	168.25	174.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/93-07/18/94	12	0.006	0.007	0.012	0.003	0.	0.003	0.003	0.004	0.01	0.012
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/93-07/18/94	12	0.1	0.103	0.13	0.09	0.	0.012	0.09	0.093	0.11	0.127
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/93-07/18/94	12	0.2	0.168	0.2	0.04	0.004	0.06	0.049	0.125	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/93-07/18/94	12	0.006	0.007	0.012	0.004	0.	0.003	0.004	0.005	0.009	0.011
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/93-07/18/94	12 ##	0.001	0.001	0.002	0.001	0.	0.001	0.001	0.001	0.002	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: OLYM0376

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	12	0	0.00				3	0	0.00	6	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0377

NPS Station ID: OLYM0377
LAT/LON: 48.083198/-124.636810
Agency: 11NPSWRD
Date Created: 11/01/97
Location: SOUTH CENTRAL LAKE OZETTE
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): OLYM_NPS_3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 29
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALLENS BAY WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LAKE OZETTE IN THE SOUTHERN AREA. DATA ARE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYM NP BIOLOGISTS. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/93-07/18/94	12	59.	91.25	210.	3.	8230.205	90.72	3.	4.75	210.	210.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/93-07/18/94	12	0.006	0.006	0.014	0.001	0.	0.003	0.002	0.004	0.007	0.012
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/93-07/18/94	12	0.1	0.103	0.12	0.09	0.	0.009	0.093	0.1	0.1	0.12
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/93-07/18/94	12	0.2	0.168	0.2	0.04	0.003	0.059	0.052	0.125	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/93-07/18/94	12	0.007	0.007	0.011	0.004	0.	0.002	0.004	0.005	0.009	0.011
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/93-07/18/94	12 ##	0.001	0.001	0.003	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: OLYM0377

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	12	0	0.00				3	0	0.00	6	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0378

NPS Station ID: OLYM0378 LAT/LON: 48.083198/-124.636810 Agency: 11NPSWRD Date Created: 04/25/98
Location: S. CENTRAL L. OZETTE 1/6 MILE E. OF CEMETERY PT. FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): OLYM_NPS_WRD-3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 185 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 29 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE ALLENS BAY WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN OLYMPIC NATIONAL PARK IN THE SOUTHERN AREA OF LAKE OZETTE 1/6 MILE EAST OF CEMETERY POINT. DATA ARE FROM THE DRAFT PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYMPIC NATIONAL PARK BIOLOGISTS. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0378

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/01/93-02/22/94	76	77.5	97.776	240.	0.	5107.776	71.469	13.5	40.	158.75	210.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/93-02/22/94	76	7.2	9.324	20.	7.2	13.205	3.634	7.2	7.2	10.075	17.29
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/01/93-09/23/93	2	3.75	3.75	3.8	3.7	0.005	0.071	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/22/94-02/22/94	49	484.	484.184	490.	482.	3.861	1.965	482.	483.	485.	487.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/93-02/22/94	72	34.5	36.097	52.	34.	10.765	3.281	34.	34.	39.	40.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/93-02/22/94	72	10.4	10.164	10.9	8.2	0.322	0.568	9.23	10.1	10.5	10.57
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/01/93-07/01/93	17	91.2	93.571	101.4	88.4	24.161	4.915	88.72	89.5	99.5	101.24
00406	PH, FIELD, STANDARD UNITS SU	07/01/93-02/22/94	72	6.83	6.691	7.3	5.96	0.112	0.335	6.006	6.57	6.88	6.937
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/01/93-02/22/94	72	6.83	6.53	7.3	5.96	0.139	0.372	6.006	6.57	6.88	6.937
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/93-02/22/94	72	0.148	0.295	1.096	0.05	0.097	0.312	0.116	0.132	0.269	0.986
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/01/93-02/22/94	55	15.9	13.864	16.8	1.1	24.845	4.985	1.4	13.7	16.6	16.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0378

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	72	0	0.00	3	0	0.00	49	0	0.00	17	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0378

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406	PH, FIELD	Fresh Chronic	9.	72	0	0.00	3	0	0.00	49	0	0.00	17	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	72	17	0.24	3	0	0.00	49	0	0.00	17	15	0.88	3	2	0.67
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	55	0	0.00	3	0	0.00	48	0	0.00	1	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0379

NPS Station ID: OLYM0379
LAT/LON: 47.910559/-124.636670
Agency: 112WRD
Date Created: 01/25/77
Location: MOUTH OF COMMERCIAL BOAT BASIN L
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 475438124381201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0379

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/12/76-09/08/77	28	2.	5.786	23.	1.	48.026	6.93	1.	1.	6.5	19.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/76-09/10/76	17	13.7	12.947	14.5	9.4	2.844	1.686	10.04	11.95	14.35	14.42
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	6	1.	1.167	2.	1.	0.167	0.408	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/77-09/08/77	18	23650.	24313.333	47500.	1430.	491234917.647	22163.82	2546.	2832.5	45500.	47500.
00300	OXYGEN, DISSOLVED MG/L	08/12/76-09/08/77	21	8.1	7.61	10.4	4.1	3.014	1.736	4.26	6.65	8.85	9.08
00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-09/10/76	12	1.15	1.133	1.7	0.5	0.092	0.303	0.59	1.	1.3	1.61
00480	SALINITY - PARTS PER THOUSAND	08/12/76-09/10/76	19	12.	16.121	30.4	4.	83.283	9.126	7.	8.6	26.5	30.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	15	0.09	0.093	0.16	0.04	0.001	0.035	0.052	0.06	0.1	0.16
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	6 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	6	0.02	0.03	0.06	0.02	0.	0.017	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-09/08/77	32	260.	1092.719	12000.	2.	5815594.789	2411.554	22.7	122.	710.	4700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/12/76-09/08/77	32	2.415	2.433	4.079	0.301	0.591	0.769	1.328	2.085	2.851	3.663
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			270.711								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	9	180.	200.667	360.	37.	16599.75	128.84	37.	64.5	330.	360.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	9	2.255	2.178	2.556	1.568	0.155	0.394	1.568	1.766	2.518	2.556
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			150.571								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	3	54.	52.667	60.	44.	65.333	8.083	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/10/76-09/10/76	3	1.732	1.718	1.778	1.643	0.005	0.068	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			52.24								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0379

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	6	0	0.00										6	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	21	0	0.00										21	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	32	5	0.16										32	5	0.16
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	4	0.44										9	4	0.44

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0380

NPS Station ID: OLYM0380 LAT/LON: 47.913060/-124.637505 Agency: 112WRD Date Created: 01/25/77
Location: QUILLAYUTE ESTUARY AT RIVER MILE 0.3 (SITE 4) FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY STORET Station ID(s): 475447124381501
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/10/76	37	7.	6.405	16.	2.	22.414	4.734	2.	2.	8.5	15.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	37	14.3	13.781	16.	9.7	1.797	1.34	11.36	14.1	14.45	14.62
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	24	1.	1.	2.	0.	0.087	0.295	1.	1.	1.	1.
00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/10/76	30	8.85	8.603	10.2	5.6	1.231	1.109	6.91	7.975	9.325	9.9
00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-09/10/76	22	1.35	1.255	3.	0.2	0.371	0.609	0.36	0.9	1.5	1.91
00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	37	7.5	12.786	31.	0.7	121.887	11.04	1.3	1.95	24.7	26.44
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	30	0.045	0.053	0.11	0.01	0.001	0.033	0.011	0.02	0.083	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	24 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	24	0.02	0.026	0.05	0.01	0.	0.01	0.015	0.02	0.03	0.04
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-09/10/76	29	180.	372.655	2100.	4.	189921.377	435.8	46.	83.5	555.	800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/12/76-09/10/76	29	2.255	2.298	3.322	0.602	0.313	0.559	1.663	1.922	2.744	2.903
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			198.715								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0380

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	24	0	0.00										24	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	30	0	0.00										30	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	29	2	0.07										29	2	0.07

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0381

NPS Station ID: OLYM0381
LAT/LON: 47.909448/-124.638338
Agency: 112WRD
Date Created: 01/25/77
Location: QUILLAYUTE ESTUARY-SITE 3,4/4
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 475434124381805
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0381

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/76-08/19/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/19/76-08/19/76	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-08/19/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-08/19/76	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/76-08/19/76	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			200.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	1	95.	95.	95.	95.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	1	1.978	1.978	1.978	1.978	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			95.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0381

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0382

NPS Station ID: OLYM0382
LAT/LON: 47.909448/-124.638338
Agency: 112WRD
Date Created: 01/25/77
Location: QUILLAYUTE ESTUARY-SITE 3,2/4
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 475434124381803
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/76-08/19/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/19/76-08/19/76	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-08/19/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-08/19/76	1	600.	600.	600.	600.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/76-08/19/76	1	2.778	2.778	2.778	2.778	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			600.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	1	90.	90.	90.	90.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	1	1.954	1.954	1.954	1.954	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			90.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0382

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0383

NPS Station ID: OLYM0383
LAT/LON: 47.909448/-124.638338
Agency: 112WRD
Date Created: 01/25/77
Location: QUILLAYUTE ESTUARY-SITE 3,3/4
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 475434124381804
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0383

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/76-08/19/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/19/76-08/19/76	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-08/19/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-08/19/76	1	560.	560.	560.	560.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/76-08/19/76	1	2.748	2.748	2.748	2.748	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			560.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	1	78.	78.	78.	78.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	1	1.892	1.892	1.892	1.892	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			78.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0383

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0384

NPS Station ID: OLYM0384
LAT/LON: 47.909448/-124.638338
Agency: 112WRD
Date Created: 01/25/77
Location: QUILLAYUTE ESTUARY-SITE 3
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 475434124381801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/10/76	34	8.5	9.824	31.	2.	66.089	8.13	2.	2.75	13.75	24.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	34	14.3	13.359	15.6	8.8	3.261	1.806	10.3	12.15	14.4	14.65
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	20	1.	1.1	2.	1.	0.095	0.308	1.	1.	1.	1.9
00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/10/76	28	8.2	7.757	10.2	3.8	3.088	1.757	5.38	5.925	9.	10.11
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-09/10/76	15	1.1	1.24	3.4	0.4	0.477	0.691	0.52	0.8	1.5	2.32
00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	34	21.15	16.615	30.1	1.7	113.079	10.634	2.7	4.85	25.175	29.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	28	0.055	0.061	0.11	0.01	0.001	0.03	0.02	0.033	0.09	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	20 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.009	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	20	0.03	0.031	0.05	0.01	0.	0.012	0.02	0.02	0.04	0.05
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-09/10/76	24	285.	490.958	2800.	8.	399008.476	631.671	8.5	43.75	960.	1000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/76-09/10/76	24	2.447	2.231	3.447	0.903	0.593	0.77	0.929	1.641	2.982	3.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			170.25								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	10	81.	150.7	400.	9.	23199.344	152.313	9.1	10.75	295.	397.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	10	1.887	1.845	2.602	0.954	0.433	0.658	0.959	1.031	2.466	2.599
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			70.041								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0384

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	20	0	0.00										20	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	28	1	0.04										28	1	0.04
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	24	5	0.21										24	5	0.21
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	4	0.40										10	4	0.40

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0385

NPS Station ID: OLYM0385
LAT/LON: 47.909448/-124.638338
Agency: 112WRD
Date Created: 01/25/77
Location: QUILLAYUTE ESTUARY-SITE 3,1/4
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 475434124381802
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0385

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/19/76-08/19/76	4	7.5	9.25	20.	2.	62.25	7.89	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/76-08/19/76	4	14.35	14.3	14.4	14.1	0.02	0.141	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/76-08/19/76	4	8.25	8.425	9.3	7.9	0.449	0.67	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/19/76-08/19/76	4	1.35	1.35	1.6	1.1	0.057	0.238	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/19/76-08/19/76	4	17.25	15.975	27.	2.4	154.069	12.412	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-08/19/76	4	0.07	0.073	0.12	0.03	0.001	0.038	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	4	0.03	0.033	0.05	0.02	0.	0.015	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/19/76-08/19/76	4	146.	298.	800.	100.	113882.667	337.465	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/19/76-08/19/76	4	2.142	2.297	2.903	2.	0.181	0.426	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			197.969								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	4	63.5	64.	120.	9.	3495.333	59.121	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-08/19/76	4	1.636	1.576	2.079	0.954	0.325	0.57	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			37.698								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0385

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00										4	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00										4	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00										4	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00										4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0386

NPS Station ID: OLYM0386 LAT/LON: 48.096392/-124.638892 Agency: 11EPALES Date Created: / /
Location: OZETTE LAKE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 531002
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 190 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
CENTER OF MAJOR BASIN; APPR 340 DEGREES FR TIVOLI ISLAND; 215 DEGREES FR GARDIN ISLAND.
COMMENTS: 3-31 ULE MORE THAN 21; 1% LIGHT AT 4 M; INTEG 15 FT. 7-18 ULE 21; 1% LIGHT, 15 FT; INTEG 15 FT; DEPTH 999 FT.
10-29 ULE 8; 1% LIGHT, 3.0M; INTEG 15 FT; DEPTH 84 FT. MAP: OZETTE LAKE QUAD

Parameter Inventory for Station: OLYM0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/31/75-10/29/75	20	42.5	56.8	186.	0.	3624.8	60.206	0.	5.	88.75	171.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/75-10/29/75	20	7.6	9.74	17.	6.1	15.227	3.902	6.4	6.4	11.8	16.79
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/31/75-10/29/75	20	100.	97.45	101.	91.	17.208	4.148	91.1	92.25	100.75	101.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/31/75-10/29/75	3	108.	94.	114.	60.	876.	29.597	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/75-10/29/75	20	29.	30.4	39.	28.	13.621	3.691	28.	28.	31.	38.8
00300	OXYGEN, DISSOLVED MG/L	03/31/75-10/29/75	20	9.9	10.14	11.8	7.8	1.348	1.161	8.8	9.15	11.4	11.6
00400	PH (STANDARD UNITS)	03/31/75-10/29/75	20	6.85	6.88	7.8	6.5	0.119	0.345	6.5	6.588	6.9	7.57
00400	CONVERTED PH (STANDARD UNITS)	03/31/75-10/29/75	20	6.85	6.784	7.8	6.5	0.128	0.358	6.5	6.587	6.9	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/31/75-10/29/75	20	0.141	0.164	0.316	0.016	0.009	0.093	0.028	0.126	0.261	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/31/75-10/29/75	20 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/31/75-10/29/75	20	0.02	0.022	0.04	0.01	0.	0.01	0.01	0.01	0.03	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/31/75-10/29/75	20 ##	0.1	0.165	0.3	0.1	0.007	0.081	0.1	0.1	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/31/75-10/29/75	20	0.085	0.07	0.1	0.01	0.001	0.029	0.012	0.06	0.09	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/31/75-10/29/75	20	0.01	0.016	0.077	0.007	0.	0.02	0.007	0.007	0.011	0.066
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/31/75-10/29/75	19 ##	0.006	0.005	0.01	0.001	0.	0.002	0.002	0.003	0.007	0.009
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/31/75-10/29/75	3	1.1	1.2	1.5	1.	0.07	0.265	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/31/75-10/29/75	3	190.	424.333	999.	84.	250490.333	500.49	**	**	**	**

** - 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: OLYM0386

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	0	0.00	5	0	0.00	7	0	0.00	8	0	0.00			
00400	PH	Fresh Chronic	9.	20	0	0.00	5	0	0.00	7	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	20	3	0.15	5	3	0.60	7	0	0.00	8	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	20	0	0.00	5	0	0.00	7	0	0.00	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0387

NPS Station ID: OLYM0387
LAT/LON: 47.936670/-124.638892
Agency: 11NPSWRD
Date Created: 04/25/98
Location: SOUTH BRANCH ELLEN CREEK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-SEC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE LA PUSH WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON THE SOUTH BRANCH OF ELLEN CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/95-03/17/97	2	54.5	54.5	65.	44.	220.5	14.849	**	**	**	**
00400	PH (STANDARD UNITS)	06/21/95-03/17/97	2	6.85	6.85	7.3	6.4	0.405	0.636	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/21/95-03/17/97	2	6.65	6.65	7.3	6.4	0.485	0.697	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/95-03/17/97	2	0.224	0.224	0.398	0.05	0.061	0.246	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/21/95-03/17/97	2	1.45	1.45	2.	0.9	0.605	0.778	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/95-03/17/97	2	49.	49.	87.	11.	2888.	53.74	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	03/17/97-03/17/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/21/95-03/17/97	2	0.009	0.009	0.011	0.007	0.	0.003	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/21/95-06/21/95	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/95-03/17/97	2	0.065	0.065	0.07	0.06	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/21/95-03/17/97	2	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/21/95-03/17/97	3	0.002	0.003	0.005	0.002	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/21/95-03/17/97	2	1.95	1.95	2.7	1.2	1.125	1.061	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/21/95-03/17/97	2	1.05	1.05	1.3	0.8	0.125	0.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/21/95-03/17/97	2	5.525	5.525	6.25	4.8	1.051	1.025	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/21/95-03/17/97	2	0.385	0.385	0.44	0.33	0.006	0.078	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/21/95-03/17/97	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/21/95-03/17/97	2	3.05	3.05	3.5	2.6	0.405	0.636	**	**	**	**
50938	ANION - CATION RATIO	06/21/95-03/17/97	2	1.065	1.065	1.13	1.	0.008	0.092	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/95-03/17/97	2	38.	38.	39.	37.	2.	1.414	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0387

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	1	0.50				1	1	1.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0388

NPS Station ID: OLYM0388
LAT/LON: 47.938337/-124.640281
Agency: 11NPSWRD
Date Created: 04/25/98
Location: ELLEN CREEK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-EC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE LA PUSH WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON ELLEN CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0388

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/95-03/17/97	3	51.	58.333	73.	51.	161.333	12.702	**	**	**	**
00400	PH (STANDARD UNITS)	06/21/95-03/17/97	3	6.4	6.633	7.1	6.4	0.163	0.404	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/21/95-03/17/97	3	6.4	6.535	7.1	6.4	0.178	0.422	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/95-03/17/97	3	0.398	0.292	0.398	0.079	0.034	0.184	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/21/95-03/17/97	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/95-03/17/97	2	59.	59.	109.	9.	5000.	70.711	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	03/17/97-03/17/97	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/21/95-03/17/97	2	0.009	0.009	0.014	0.004	0.	0.007	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/21/95-06/21/95	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/21/95-03/17/97	2	0.055	0.055	0.07	0.04	0.	0.021	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/21/95-03/17/97	3	0.005	0.005	0.006	0.005	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/21/95-03/17/97	2	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/21/95-03/17/97	2	2.35	2.35	3.1	1.6	1.125	1.061	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/21/95-03/17/97	2	1.15	1.15	1.4	0.9	0.125	0.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/21/95-03/17/97	2	6.405	6.405	7.1	5.71	0.966	0.983	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/21/95-03/17/97	2	0.395	0.395	0.42	0.37	0.001	0.035	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/21/95-03/17/97	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/21/95-03/17/97	2	3.3	3.3	3.5	3.1	0.08	0.283	**	**	**	**
50938	ANION - CATION RATIO	06/21/95-03/17/97	2	1.065	1.065	1.11	1.02	0.004	0.064	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/95-03/17/97	2	45.	45.	47.	43.	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0388

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00				2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	2	0.67				2	2	1.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0389

NPS Station ID: OLYM0389
LAT/LON: 47.905281/-124.642782
Agency: 112WRD
Date Created: 01/25/77
Location: QUILLAYUTE ESTY AT SO. END JAMES
FIPS State/County: 53009 WASHINGTON/
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 475419124383401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0389

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/08/77	43	7.	9.326	31.	1.	82.891	9.104	1.	2.	13.	26.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	30	13.65	12.413	15.3	8.5	5.062	2.25	9.12	10.175	14.4	14.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	16	1.	1.188	3.	0.	0.563	0.75	0.	1.	1.75	2.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/77-09/08/77	18	35000.	29361.111	49500.	4000.	368700163.399	19201.567	4900.	9375.	47500.	49500.
00300	OXYGEN, DISSOLVED MG/L	08/12/76-09/08/77	30	7.95	7.477	10.6	3.2	2.735	1.654	5.3	6.225	8.725	9.09
00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-09/10/76	15	1.2	1.24	1.6	0.9	0.045	0.213	0.96	1.1	1.4	1.6
00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	34	24.75	21.085	32.	2.	106.826	10.336	3.45	8.65	29.425	32.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	24	0.07	0.066	0.12	0.02	0.001	0.031	0.03	0.04	0.09	0.11
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	16 ##	0.005	0.007	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	16	0.035	0.034	0.05	0.02	0.	0.013	0.02	0.02	0.048	0.05
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-09/08/77	39	33.	376.397	6000.	0.5	1054093.042	1026.69	4.	8.	290.	1100.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/12/76-09/08/77	39	1.519	1.643	3.778	-0.301	0.945	0.972	0.602	0.903	2.462	3.041
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			43.93								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	3	25.	24.	46.	1.	507.	22.517	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	3	1.398	1.02	1.663	0.	0.798	0.893	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			10.477								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	2	14.5	14.5	26.	3.	264.5	16.263	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/10/76-09/10/76	2	0.946	0.946	1.415	0.477	0.44	0.663	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			8.832								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0389

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	0	0.00										16	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	30	1	0.03										30	1	0.03
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	39	4	0.10										39	4	0.10
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00										3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0390

NPS Station ID: OLYM0390
LAT/LON: 47.897226/-124.644448
Agency: 112WRD
Date Created: 01/25/77
Location: PACIFIC OCEAN OFF MOUTH QUILLAYU
FIPS State/County: 53009 WASHINGTON/
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 475350124384001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0390

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/11/76-09/08/77	21	10.	18.571	66.	1.	382.857	19.567	1.2	2.	33.	59.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/76-09/10/76	15	10.3	10.28	14.1	8.	2.886	1.699	8.18	8.9	11.	13.08
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/19/76-08/19/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/08/77-09/08/77	6	45550.	46183.333	49500.	43500.	5801666.667	2408.665	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/19/76-09/08/77	8	6.65	6.638	8.6	3.7	2.677	1.636	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/12/76-09/10/76	6	1.05	1.083	1.5	0.7	0.102	0.319	**	**	**	**
00480	SALINITY - PARTS PER THOUSAND	08/11/76-09/10/76	15	31.	29.553	33.	23.	9.507	3.083	24.2	28.	32.1	32.64
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/19/76-09/10/76	4	0.055	0.055	0.07	0.04	0.	0.013	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/19/76-08/19/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/12/76-09/08/77	11 ##	4.5	23.364	140.	0.5	1759.255	41.943	0.5	1.	35.	122.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/12/76-09/08/77	11 ##	0.653	0.727	2.146	-0.301	0.696	0.834	-0.301	0.	1.544	2.057
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.333								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	5	2.	3.1	10.	0.5	15.3	3.912	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/19/76-09/10/76	5	0.301	0.26	1.	-0.301	0.233	0.483	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.821								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/10/76-09/10/76	4	36.	43.125	100.	0.5	2534.396	50.343	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/10/76-09/10/76	4	0.926	0.888	2.	-0.301	1.456	1.206	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.719								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0390

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	1	0.13										8	1	0.13
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	0	0.00										11	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00										5	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0391

NPS Station ID: OLYM0391 | LAT/LON: 48.135031/-124.647005 | Agency: 11NPSWRD | Date Created: 11/01/97
Location: NORTH END LAKE OZETTE | FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): OLYM_NPS_1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC NORTHWEST | Elevation: 29 | Water Body Id:
Minor Basin: WASHINGTON COAST | ECO Region:
RF1 Index: 17100101 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THE SITE IS LOCATED ON THE OZETTE WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LAKE OZETTE IN THE NORTHERN END. DATA ARE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYM NP BIOLOGISTS. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0391

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/93-07/18/94	12	59.	44.667	72.	3.	977.697	31.268	3.	3.	72.	72.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/93-07/18/94	12	0.007	0.007	0.011	0.004	0.	0.002	0.004	0.006	0.008	0.011
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/93-07/18/94	12	0.105	0.106	0.12	0.1	0.	0.007	0.1	0.1	0.11	0.117
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/29/93-07/18/94	12	0.2	0.16	0.2	0.04	0.004	0.061	0.052	0.1	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/93-07/18/94	12	0.007	0.007	0.011	0.004	0.	0.003	0.004	0.005	0.01	0.011
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/93-07/18/94	12 ##	0.001	0.001	0.003	0.001	0.	0.001	0.001	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: OLYM0391

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	12	0	0.00				3	0	0.00	6	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0392

NPS Station ID: OLYM0392 LAT/LON: 48.137503/-124.650005 Agency: 11EPALES Date Created: / /
Location: OZETTE LAKE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 531001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 93 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 17100101049 RF1 Mile Point: 1.530 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
CENTER OF NW BASIN APPR 130 DEGREES FR DWELLINGS AT N END OF LAKE; 315 DEGREES FR ROCKY PT.
COMMENTS: 3-31 ULE MORE THAN 21; 1% LIGHT AT 3 M. 7-18 ULE 21; 1% LIGHT, 17M; INTEG 17 FT; DEPTH 94 FT.
10-29 ULE 8; 1% LIGHT, 3.0M; INTEG 15 FT; DEPTH 105 FT. MAP: OZETTE LAKE QUAD

Parameter Inventory for Station: OLYM0392

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	03/31/75-10/29/75	17	17.	35.941	101.	0.	1278.059	35.75	0.	5.	70.	92.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/31/75-10/29/75	17	9.3	10.3	17.	6.5	15.39	3.923	6.5	6.5	12.2	16.92
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	03/31/75-10/29/75	17	100.	97.765	101.	88.	20.066	4.48	91.2	92.	101.	101.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	03/31/75-10/29/75	3	120.	104.	132.	60.	1488.	38.575	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/31/75-10/29/75	17	29.	29.941	39.	25.	19.309	4.394	25.	26.	32.5	37.4
00300	OXYGEN, DISSOLVED MG/L	03/31/75-10/29/75	16	9.5	9.819	11.4	8.8	0.88	0.938	8.94	9.05	10.85	11.4
00400	PH (STANDARD UNITS)	03/31/75-10/29/75	17	7.	6.988	7.7	6.5	0.132	0.364	6.58	6.65	7.3	7.5
00400	CONVERTED PH (STANDARD UNITS)	03/31/75-10/29/75	17	7.	6.864	7.7	6.5	0.149	0.386	6.58	6.65	7.3	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/31/75-10/29/75	17	0.1	0.137	0.316	0.02	0.009	0.095	0.032	0.05	0.225	0.264
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/31/75-10/29/75	17 ##	5.	5.294	10.	5.	1.471	1.213	5.	5.	5.	6.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/31/75-10/29/75	17	0.02	0.021	0.04	0.01	0.	0.011	0.01	0.01	0.03	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/31/75-10/29/75	17 ##	0.1	0.176	0.4	0.1	0.012	0.109	0.1	0.1	0.3	0.32
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/31/75-10/29/75	17	0.06	0.065	0.1	0.01	0.001	0.03	0.01	0.05	0.09	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/31/75-10/29/75	17	0.011	0.012	0.02	0.008	0.	0.003	0.008	0.011	0.013	0.017
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	03/31/75-10/29/75	15	0.006	0.005	0.009	0.001	0.	0.002	0.002	0.003	0.007	0.008
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	03/31/75-10/29/75	3	1.2	1.5	2.2	1.1	0.37	0.608	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	03/31/75-10/29/75	3	94.	97.333	105.	93.	44.333	6.658	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0392

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00			
00400	PH	Fresh Chronic	9.	17	0	0.00	6	0	0.00	5	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	17	1	0.06	6	1	0.17	5	0	0.00	6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	17	0	0.00	6	0	0.00	5	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0393

NPS Station ID: OLYM0393
LAT/LON: 48.389726/-124.652781
Agency: 10EPACOP
Date Created: 11/18/89
Location: mouth of drainage on S&E edge of Makah landfill
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/DISPOS/STREAM/LNDFL
STORET Station ID(s): 12Z054 /MAKAHLF#3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/89-08/22/89	1	114.	114.	114.	114.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/22/89-08/22/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/22/89-08/22/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/22/89-08/22/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/22/89-08/22/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	08/22/89-08/22/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/22/89-08/22/89	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/22/89-08/22/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/22/89-08/22/89	1 ##	8.	8.	8.	8.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	08/22/89-08/22/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/22/89-08/22/89	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34361	ENDOSULFAN, ALPHA TOTWUG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/22/89-08/22/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/22/89-08/22/89	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
73076	RETENE, TOTAL, WATER UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
73085	CHLOROBROMOMETHANE, TOTAL, WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
73605	BENZENAMINE, 4-NITRO- TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77041	CARBON DISULFIDE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77057	VINYL ACETATE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77103	2-HEXANONE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77146	P-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77152	O-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77247	BENZOIC ACID WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77418	1-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77571	CARBAZOLE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77596	METHYLENE BROMIDE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0393

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
		Drinking Water	4.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	0	0.00										1	0	0.00
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00										1	0	0.00
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00										1	0	0.00
		Drinking Water	1000.	1	0	0.00										1	0	0.00
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00										1	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00										1	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00										1	0	0.00
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00										1	0	0.00
		Drinking Water	700.	1	0	0.00										1	0	0.00
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00										1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	2	0	0.00										2	0	0.00
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00										1	0	0.00
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00										1	0	0.00
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00										1	0	0.00
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00										1	0	0.00
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00										1	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00										1	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00										1	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00										1	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00										2	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00										1	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00										1	0	0.00
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	2	0	0.00										2	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0393

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00										2	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00										1	0	0.00
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00										1	0	0.00
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00										1	0	0.00
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00										1	0	0.00
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00										1	0	0.00
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	2	0	0.00										2	0	0.00
38437	DIBROMOCHLOROPROPANE, WATER, TOTAL	Drinking Water	0.2	0 &	0	0.00												
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00										1	0	0.00
		Drinking Water	6.	1	0	0.00										1	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00										1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00										1	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00										1	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00										1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00										1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00										1	0	0.00
		Drinking Water	3.	1	0	0.00										1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00										1	0	0.00
		Drinking Water	0.4	1	0	0.00										1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00										1	0	0.00
		Drinking Water	1.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00										1	0	0.00
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0394

NPS Station ID: OLYM0394 LAT/LON: 48.142003/-124.653838 Agency: 11NPSWRD Date Created: 04/25/98
Location: NORTH END LAKE OZETTE 1/2 MILE WEST OF DEER BAY FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): OLYM_NPS_WRD-1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 90 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 29 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE OZETTE WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN OLYMPIC NATIONAL PARK IN THE NORTHERN AREA OF LAKE OZETTE 1/2 MILE WEST OF DEER BAY. DATA ARE FROM THE DRAFT PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYMPIC NATIONAL PARK BIOLOGISTS. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0394

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/01/93-03/29/94	69	45.	44.899	92.	0.	685.975	26.191	5.	22.5	65.5	80.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/93-03/29/94	69	8.9	10.201	19.	7.	14.184	3.766	7.	7.1	12.	18.
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/01/93-11/09/93	3	4.3	4.567	6.5	2.9	3.293	1.815	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/22/94-03/29/94	39	402.	443.	498.	380.	2563.263	50.629	388.	395.	494.	496.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/01/93-03/29/94	62	38.	38.113	47.	33.	3.61	1.9	36.	37.	39.	40.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/93-03/29/94	62	10.55	10.202	11.	8.7	0.449	0.67	9.13	9.65	10.7	10.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/01/93-07/01/93	17	89.8	92.671	100.3	86.3	28.123	5.303	86.7	88.35	98.4	100.3
00406	PH, FIELD, STANDARD UNITS SU	07/01/93-03/29/94	62	6.98	6.763	7.3	5.95	0.163	0.403	5.99	6.558	7.012	7.044
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/01/93-03/29/94	62	6.98	6.536	7.3	5.95	0.215	0.464	5.99	6.558	7.012	7.044
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/93-03/29/94	62	0.105	0.291	1.122	0.05	0.124	0.353	0.09	0.097	0.277	1.023
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/01/93-03/29/94	46	4.35	6.17	10.9	1.1	12.522	3.539	2.24	3.2	10.05	10.63

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0394

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	62	0	0.00	3	0	0.00	39	0	0.00	17	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0394

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00406	PH, FIELD	Fresh Chronic	9.	62	0	0.00	3	0	0.00	39	0	0.00	17	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	62	14	0.23	3	0	0.00	39	0	0.00	17	12	0.71	3	2	0.67
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	46	0	0.00	3	0	0.00	39	0	0.00	1	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0395

NPS Station ID: OLYM0395
LAT/LON: 48.388338/-124.654448
Agency: 10EPACOP
Date Created: 11/18/89
Location: head of drainage on S&E edge of Makah landfill
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/DISPOS/STREAM/LNDFL
STORET Station ID(s): 12Z053 /MAKAHLF#2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/89-08/22/89	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/22/89-08/22/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/22/89-08/22/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/22/89-08/22/89	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/22/89-08/22/89	1	72.	72.	72.	72.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	08/22/89-08/22/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/22/89-08/22/89	1	582.	582.	582.	582.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	08/22/89-08/22/89	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/22/89-08/22/89	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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Parameter Inventory for Station: OLYM0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34376	FLUORANTHENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/22/89-08/22/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.475	1.475	2.5	0.45	2.101	1.45	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/22/89-08/22/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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Parameter Inventory for Station: OLYM0395

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39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/22/89-08/22/89	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
73076	RETENE, TOTAL, WATER UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
73085	CHLOROBROMOMETHANE, TOTAL, WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
73605	BENZENAMINE, 4-NITRO- TOTWUG/L	08/22/89-08/22/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
77041	CARBON DISULFIDE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77057	VINYL ACETATE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77103	2-HEXANONE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77146	P-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77152	O-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77247	BENZOIC ACID WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77418	1-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77571	CARBAZOLE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
77596	METHYLENE BROMIDE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	08/22/89-08/22/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0395

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
		Drinking Water	4.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	15.	1	1	1.00										1	1	1.00
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00										1	1	1.00
		Drinking Water	5000.	1	0	0.00										1	0	0.00
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00										1	0	0.00
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00										1	0	0.00
		Drinking Water	1000.	1	0	0.00										1	0	0.00
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00										1	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00										1	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00										1	0	0.00
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00										1	0	0.00
		Drinking Water	700.	1	0	0.00										1	0	0.00
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00										1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	2	0	0.00										2	0	0.00
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00										1	0	0.00
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	1	0	0.00										1	0	0.00
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00										1	0	0.00
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00										1	0	0.00
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00										1	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00										1	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00										1	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00										1	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00										2	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00										1	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00										1	0	0.00
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	2	0	0.00										2	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00										2	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00										2	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00										1	0	0.00
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00										1	0	0.00
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00										1	0	0.00
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00										1	0	0.00

& - 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: OLYM0395

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00										1	0	0.00
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00										1	0	0.00
38437	DIBROMOCHLOROPROPANE, WATER, TOTAL	Drinking Water	0.2	0 &	0	0.00												
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00										1	0	0.00
		Drinking Water	6.	1	0	0.00										1	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00										1	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00										1	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00										1	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00										1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00										1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00										1	0	0.00
		Drinking Water	3.	1	0	0.00										1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00										1	0	0.00
		Drinking Water	0.4	1	0	0.00										1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00										1	0	0.00
		Drinking Water	0.2	1	0	0.00										1	0	0.00
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00										1	0	0.00
		Drinking Water	1.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00										1	0	0.00
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0396

NPS Station ID: OLYM0396 LAT/LON: 48.157559/-124.659143 Agency: 11NPSWRD Date Created: 11/01/97
Location: COAL CREEK UPSTREAM FROM LAKE OZETTE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_NPS_COC
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 29 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE OZETTE WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS OUTSIDE OLYMPIC NP ON COAL CREEK UPSTREAM FROM LAKE OZETTE. DATA ARE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN OLYM NP BIOLOGISTS. STORET CODE P00134 WAS USED TO INDICATE WATER SAMPLES WERE COLLECTED DURING STORM EVENTS OR DRY CONDITIONS. ONE AND ZERO WERE USED RESPECTIVELY. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0396

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/16/93-11/30/94	14	9.	9.843	14.8	5.7	8.281	2.878	6.35	7.3	11.975	14.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/16/93-11/30/94	14	55.5	54.929	76.	27.	191.61	13.842	32.	43.25	64.75	73.
00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	12/16/93-11/30/94	14	0.	0.143	1.	0.	0.132	0.363	0.	0.	0.	1.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	12/16/93-11/30/94	14	10.35	9.543	11.4	5.7	3.423	1.85	6.15	8.025	11.	11.25
00406	PH, FIELD, STANDARD UNITS SU	12/16/93-11/30/94	14	6.57	6.441	6.82	5.74	0.107	0.327	5.82	6.275	6.675	6.795
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/16/93-11/30/94	14	6.57	6.308	6.82	5.74	0.126	0.354	5.82	6.275	6.675	6.795
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/93-11/30/94	14	0.269	0.492	1.82	0.151	0.229	0.479	0.161	0.212	0.531	1.539
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	12/16/93-11/30/94	14	385.5	390.643	456.	336.	1218.401	34.906	339.	373.75	410.25	454.
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	03/02/94-11/30/94	10	5.85	12.5	48.3	1.5	210.453	14.507	1.6	3.7	19.6	45.85

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0396

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	14	0	0.00	3	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	14	0	0.00	3	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	14	6	0.43	3	2	0.67	5	2	0.40	4	2	0.50	2	0	0.00
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	10	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0397

NPS Station ID: OLYM0397
LAT/LON: 48.388615/-124.661949
Agency: 10EPACOP
Date Created: 11/18/89
Location: mouth of Classet Creek at Warmhouse Beach
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/DISPOS/STREAM/LNDFL
STORET Station ID(s): 12Z055 /MAKAHLF#4
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 17110021
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: PUGET SOUND
ECO Region:
RF1 Index: 17110021
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/89-08/22/89	2	105.	105.	105.	105.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/22/89-08/22/89	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/22/89-08/22/89	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/22/89-08/22/89	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/22/89-08/22/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/22/89-08/22/89	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/22/89-08/22/89	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	08/22/89-08/22/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/22/89-08/22/89	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/22/89-08/22/89	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/22/89-08/22/89	2 ##	31.	31.	51.	11.	800.	28.284	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	08/22/89-08/22/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/22/89-08/22/89	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34220	ANTHRACENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

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Parameter Inventory for Station: OLYM0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34361	ENDOSULFAN, ALPHA TOTWUG/L	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34381	FLUORENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	08/22/89-08/22/89	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	08/22/89-08/22/89	3 ##	0.5	1.15	2.5	0.45	1.368	1.169	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34408	ISOPHORONE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34447	NITROBENZENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34469	PYRENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	3 ##	0.5	1.15	2.5	0.45	1.368	1.169	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	3 ##	0.5	1.15	2.5	0.45	1.368	1.169	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	3 ##	0.5	1.15	2.5	0.45	1.368	1.169	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	08/22/89-08/22/89	3 ##	0.5	1.15	2.5	0.45	1.368	1.169	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	08/22/89-08/22/89	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	08/22/89-08/22/89	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	08/22/89-08/22/89	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	08/22/89-08/22/89	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	08/22/89-08/22/89	3 ##	0.5	1.15	2.5	0.45	1.368	1.169	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: OLYM0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	2 ##	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	2 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/22/89-08/22/89	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
73076	RETENE, TOTAL, WATER UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
73085	CHLOROBROMOMETHANE, TOTAL, WATER UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
73529	BENZENAMINE, 4-CHLORO- TOTWUG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
73605	BENZENAMINE, 4-NITRO- TOTWUG/L	08/22/89-08/22/89	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
77041	CARBON DISULFIDE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77057	VINYL ACETATE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77093	CIS-1,2-DICHLOROETHYLENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77103	2-HEXANONE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77146	P-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
77152	O-CRESOL WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
77168	1,1-DICHLOROPROPENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77173	1,3-DICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77222	1,2,4-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77223	ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77224	N-PROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77226	1,3,5-TRIMETHYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77247	BENZOIC ACID WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
77275	1-METHYL-2-CHLOROBENZENE (O-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77277	1-METHYL-4-CHLOROBENZENE (P-CHLOR*WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77342	N-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77350	SEC-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77353	TERT-BUTYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77356	1-METHYL-4-ISOPROPYLBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
77418	1-METHYLNAPHTHALENE WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
77443	1,2,3-TRICHLOROPROPANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77562	1,1,1,2-TETRACHLOROETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77571	CARBAZOLE WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
77596	METHYLENE BROMIDE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77613	1,2,3-TRICHLOROBENZENE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	08/22/89-08/22/89	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
78133	4-METHYL-2-PENTANONE IN WATER UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
78142	ORTHO NITROANILINE IN WHOLE WATER UG/L	08/22/89-08/22/89	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	08/22/89-08/22/89	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	08/22/89-08/22/89	2 ##	0.475	0.475	0.5	0.45	0.001	0.035	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81552	ACETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81555	BROMOBENZENE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	08/22/89-08/22/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0397

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00										2	0	0.00
		Drinking Water	50.	2	0	0.00										2	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00										2	0	0.00
		Drinking Water	4.	2	0	0.00										2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00										2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00										2	0	0.00
		Drinking Water	1300.	2	0	0.00										2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00										2	0	0.00
		Drinking Water	15.	2	0	0.00										2	0	0.00
01059	THALLIUM, TOTAL	Fresh Acute	1400.	2	0	0.00										2	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00										2	0	0.00
		Drinking Water	100.	2	0	0.00										2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00										2	0	0.00
		Drinking Water	100.	2	0	0.00										2	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00										2	0	0.00
		Drinking Water	5000.	2	0	0.00										2	0	0.00
01097	ANTIMONY, TOTAL	Fresh Acute	88.	2	0	0.00										2	0	0.00
		Drinking Water	6.	0 &	0	0.00												
01147	SELENIUM, TOTAL	Fresh Acute	20.	0 &	0	0.00												
		Drinking Water	50.	0 &	0	0.00												
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00										1	0	0.00
		Drinking Water	1000.	1	0	0.00										1	0	0.00
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	2	0	0.00										2	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00										2	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00										2	0	0.00
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00										1	0	0.00
		Drinking Water	700.	1	0	0.00										1	0	0.00
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	2	0	0.00										2	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	2	0	0.00										2	0	0.00
		Drinking Water	50.	2	0	0.00										2	0	0.00
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	3	0	0.00										3	0	0.00
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	2	0	0.00										2	0	0.00
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	2	0	0.00										2	0	0.00
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	2	0	0.00										2	0	0.00
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	2	0	0.00										2	0	0.00
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	2	0	0.00										2	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00										1	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00										1	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00										1	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00										3	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00										1	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00										1	0	0.00
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	3	0	0.00										3	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	3	0	0.00										3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: OLYM0397

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	3	0	0.00										3	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	2	0	0.00										2	0	0.00
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	2	0	0.00										2	0	0.00
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	2	0	0.00										2	0	0.00
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	2	0	0.00										2	0	0.00
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00										2	0	0.00
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	3	0	0.00										3	0	0.00
38437	DIBROMOCHLOROPROPANE, WATER, TOTAL	Drinking Water	0.2	0 &	0	0.00												
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	2	0	0.00										2	0	0.00
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	2	0	0.00										2	0	0.00
		Drinking Water	6.	2	0	0.00										2	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00										2	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00										2	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00										2	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00										2	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00										2	0	0.00
		Drinking Water	0.2	2	0	0.00										2	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00										2	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	2	0	0.00										2	0	0.00
		Drinking Water	3.	2	0	0.00										2	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00										2	0	0.00
		Drinking Water	0.4	2	0	0.00										2	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00										2	0	0.00
		Drinking Water	0.2	2	0	0.00										2	0	0.00
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00										2	0	0.00
		Drinking Water	1.	2	0	0.00										2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	1	0	0.00										1	0	0.00
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00										1	0	0.00
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0398

NPS Station ID: OLYM0398
LAT/LON: 48.154448/-124.666115
Agency: 11NPSWRD
Date Created: 04/25/98
Location: COAL CREEK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-COC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE OZETTE WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON COAL CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/07/95-06/01/97	4	57.	64.5	99.	45.	657.	25.632	**	**	**	**
00400	PH (STANDARD UNITS)	08/07/95-06/01/97	4	6.05	6.15	6.8	5.7	0.297	0.545	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/07/95-06/01/97	4	5.922	5.944	6.8	5.7	0.353	0.594	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/95-06/01/97	4	1.197	1.137	1.995	0.158	0.992	0.996	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/07/95-06/01/97	4	1.35	1.35	2.	0.7	0.563	0.751	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/07/95-06/01/97	3	22.	99.667	261.	16.	19530.333	139.751	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	10/11/96-06/01/97	2	0.2	0.2	0.29	0.11	0.016	0.127	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/95-06/01/97	4	0.013	0.013	0.017	0.008	0.	0.004	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/07/95-08/07/95	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-06/01/97	4	0.37	0.473	1.01	0.14	0.172	0.415	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/95-06/01/97	4	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/95-06/01/97	3	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/95-06/01/97	4	4.35	4.55	7.2	2.3	4.07	2.017	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/95-06/01/97	4	1.5	1.475	2.1	0.8	0.283	0.532	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/95-06/01/97	4	4.91	4.838	5.84	3.69	0.781	0.884	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/95-06/01/97	4	0.49	0.53	0.73	0.41	0.019	0.14	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/95-06/01/97	3	8.	8.333	9.	8.	0.333	0.577	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/95-06/01/97	3	6.9	8.867	16.4	3.3	45.803	6.768	**	**	**	**
50938	ANION - CATION RATIO	08/07/95-06/01/97	3	1.	1.	1.02	0.98	0.	0.02	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/95-06/01/97	3	50.	51.333	75.	29.	530.333	23.029	**	**	**	**

** - 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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0398

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	3	0.75	1	0	0.00				2	2	1.00	1	1	1.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00				2	0	0.00	1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
		Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0399

NPS Station ID: OLYM0399
LAT/LON: 48.152781/-124.668060
Agency: 21540000
Date Created: / /
Location: OZETTE RIVER AT OZETTE
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 20C070 /0920C070 /12043150 /541077
RMI-Indexes: 1312032
Within Park Boundary: Yes
RMI-Miles: 0005.20
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: COASTAL (SOLEDUCK HOH-20)
ECO Region:
RF1 Index: 17100101046
RF1 Mile Point: 0.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
LOCATED AT THE FOOT BRIDGE IMMEDIATELY BELOW THE OUTLET FROM OZETTE LAKE SOUTHWEST REGION
15 QUAD- OZETTE LAKE
ELEVATION IN FEET ABOVE MEAN SEA LEVEL- 50

Parameter Inventory for Station: OLYM0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/59-07/17/61	9	15.	13.767	20.8	6.4	29.398	5.422	6.4	8.25	18.95	20.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/05/60-07/17/61	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/09/59-07/17/61	9	25.	28.333	35.	20.	31.25	5.59	20.	25.	35.	35.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/59-07/17/61	9	39.	39.667	42.	38.	1.75	1.323	38.	39.	41.	42.
00300	OXYGEN, DISSOLVED MG/L	07/09/59-07/17/61	8	9.55	9.862	11.3	8.6	1.174	1.084	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/59-07/17/61	9	6.8	6.844	7.2	6.6	0.033	0.181	6.6	6.7	6.95	7.2
00400	CONVERTED PH (STANDARD UNITS)	07/09/59-07/17/61	9	6.8	6.814	7.2	6.6	0.034	0.184	6.6	6.7	6.95	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/59-07/17/61	9	0.158	0.154	0.251	0.063	0.003	0.057	0.063	0.113	0.2	0.251
00440	BICARBONATE ION (MG/L AS HCO3)	07/09/59-07/17/61	9	9.	9.444	12.	8.	1.528	1.236	8.	8.5	10.	12.
00445	CARBONATE ION (MG/L AS CO3)	07/09/59-07/17/61	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/09/59-07/17/61	9	0.4	0.322	0.4	0.1	0.014	0.12	0.1	0.2	0.4	0.4
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/09/59-07/17/61	9	0.	0.003	0.02	0.	0.	0.007	0.	0.	0.005	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/09/59-07/17/61	9	9.	9.222	11.	8.	0.694	0.833	8.	9.	9.5	11.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/09/59-07/17/61	9	2.	1.556	4.	0.	1.528	1.236	0.	0.5	2.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/59-07/17/61	9	3.	2.722	3.	2.	0.132	0.363	2.	2.5	3.	3.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/59-07/17/61	9	0.7	0.633	0.9	0.3	0.055	0.235	0.3	0.4	0.85	0.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/59-07/17/61	9	3.6	3.711	4.1	3.4	0.056	0.237	3.4	3.55	3.95	4.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/59-07/17/61	9	0.3	0.356	0.7	0.2	0.033	0.181	0.2	0.2	0.5	0.7
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/59-07/17/61	9	6.	5.333	6.	3.	1.	1.	3.	5.	6.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/59-07/17/61	9	2.	2.333	3.	2.	0.25	0.5	2.	2.	3.	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/59-07/17/61	9	0.1	0.1	0.5	0.	0.025	0.158	0.	0.	0.1	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/59-07/17/61	9	3.	3.122	3.9	2.5	0.244	0.494	2.5	2.75	3.65	3.9
01020	BORON, DISSOLVED (UG/L AS B)	04/11/60-01/05/61	2	0.035	0.035	0.06	0.01	0.001	0.035	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/09/59-07/17/61	9	80.	82.222	130.	40.	944.444	30.732	40.	55.	110.	130.
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/09/59-07/17/61	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/09/59-07/17/61	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			1.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/09/59-07/17/61	9	30.	30.444	36.	27.	9.278	3.046	27.	28.5	32.5	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: OLYM0399

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00			
00400	PH	Fresh Chronic	9.	9	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00			
		Drinking Water	250.	9	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	9	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0400

NPS Station ID: OLYM0400
LAT/LON: 48.153338/-124.668060
Agency: 112WRD
Date Created: 06/30/76
Location: OZETTE LAKE AT OZETTE, WASH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 12043149
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101054
RF1 Mile Point: 0.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/19/76-11/10/76	98	80.	108.724	800.	12.	11041.975	105.081	17.	34.5	162.5	241.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/76-11/10/76	98	7.85	9.423	18.6	6.	14.534	3.812	6.2	6.575	11.2	17.02
00080	COLOR (PLATINUM-COBALT UNITS)	02/19/76-11/10/76	51	30.	28.627	35.	20.	28.078	5.299	20.	25.	35.	35.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/19/76-11/10/76	73	37.	37.247	41.	30.	4.299	2.074	35.	36.	39.	40.
00300	OXYGEN, DISSOLVED MG/L	02/19/76-11/10/76	98	9.8	10.114	12.3	8.1	1.247	1.117	9.	9.2	11.225	11.8
00400	PH (STANDARD UNITS)	02/19/76-08/26/76	48	6.75	6.76	7.6	5.9	0.142	0.377	6.35	6.6	7.1	7.2
00400	CONVERTED PH (STANDARD UNITS)	02/19/76-08/26/76	48	6.747	6.58	7.6	5.9	0.175	0.419	6.35	6.6	7.1	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/76-08/26/76	48	0.179	0.263	1.259	0.025	0.1	0.316	0.063	0.079	0.251	0.484
00405	CARBON DIOXIDE (MG/L AS CO2)	02/19/76-02/20/76	4	2.65	2.65	4.4	0.9	2.123	1.457	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/19/76-11/10/76	8	8.	7.75	11.	3.	8.786	2.964	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/19/76-11/10/76	8	10.	9.375	13.	4.	11.696	3.42	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/19/76-02/19/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/19/76-11/10/76	98	0.12	0.127	0.3	0.04	0.002	0.049	0.07	0.09	0.15	0.19
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/19/76-11/10/76	98	0.05	0.048	0.1	0.03	0.	0.014	0.03	0.04	0.06	0.061
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/19/76-11/10/76	98 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/19/76-11/10/76	98	0.07	0.071	0.2	0.01	0.001	0.032	0.03	0.05	0.09	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/19/76-11/10/76	98	0.17	0.175	0.34	0.1	0.002	0.046	0.12	0.14	0.2	0.221
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	02/19/76-11/10/76	98	0.	0.004	0.03	0.	0.	0.01	0.	0.	0.	0.03
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/19/76-11/10/76	98	0.01	0.01	0.02	0.005	0.	0.002	0.01	0.01	0.01	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/19/76-11/10/76	98 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/76-11/10/76	8	10.	11.375	18.	9.	9.125	3.021	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/19/76-11/10/76	8	3.5	3.625	8.	0.	8.839	2.973	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/19/76-11/10/76	8	2.55	2.825	3.9	2.2	0.405	0.636	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/19/76-11/10/76	8	0.9	1.05	2.	0.8	0.157	0.396	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/19/76-11/10/76	8	3.45	3.488	3.7	3.3	0.027	0.164	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/19/76-11/10/76	8	0.5	0.45	0.5	0.3	0.006	0.076	**	**	**	**
00932	SODIUM, PERCENT	02/19/76-11/10/76	8	41.5	39.625	44.	29.	26.554	5.153	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/19/76-11/10/76	8	0.3	0.413	0.6	0.3	0.024	0.155	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/19/76-11/10/76	8	5.	4.625	5.	4.	0.268	0.518	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/19/76-11/10/76	8	3.5	3.75	6.	3.	1.071	1.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/76-11/10/76	98	2.6	2.416	3.1	1.3	0.223	0.472	1.4	2.275	2.7	2.8
01046	IRON, DISSOLVED (UG/L AS FE)	02/19/76-11/10/76	8	130.	140.	190.	110.	771.429	27.775	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/19/76-11/10/76	8 ##	5.	11.25	40.	5.	162.5	12.748	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/19/76-02/20/76	4	23.	23.	26.	20.	6.	2.449	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/19/76-02/20/76	4	0.03	0.033	0.04	0.03	0.	0.005	**	**	**	**
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	08/26/76-11/10/76	7	0.3	0.729	3.1	0.3	1.096	1.047	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0400

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	98	0	0.00	12	0	0.00	17	0	0.00	45	0	0.00	24	0	0.00
00400	PH	Fresh Chronic	9.	48	0	0.00				11	0	0.00	33	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	48	6	0.13				11	2	0.18	33	0	0.00	4	4	1.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	98	0	0.00	12	0	0.00	17	0	0.00	45	0	0.00	24	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	98	0	0.00	12	0	0.00	17	0	0.00	45	0	0.00	24	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	4	0	0.00	4	0	0.00						
		Drinking Water	250.	8	0	0.00	4	0	0.00	4	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	4	0	0.00	4	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0401

NPS Station ID: OLYM0401
LAT/LON: 48.154170/-124.668337
Agency: 112WRD
Date Created: 07/30/76
Location: OZETTE RIVER AT OZETTE,WASH
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12043150
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 17100101054
RF1 Mile Point: 0.010
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: OLYM0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/76-05/27/76	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/27/76-05/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/27/76-05/27/76	2	37.	37.	37.	37.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/27/76-05/27/76	2	10.4	10.4	11.	9.8	0.72	0.849	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/27/76-04/27/76	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/76-04/27/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/76-04/27/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/76-04/27/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/76-04/27/76	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/27/76-04/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/76-04/27/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/27/76-04/27/76	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0401

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00							2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0402

NPS Station ID: OLYM0402 LAT/LON: 48.155142/-124.668531 Agency: 11NPSWRD Date Created: 11/01/97
Location: OZETTE RIVER DOWNSTREAM FROM LAKE OZETTE FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): OLYM_NPS_OR
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: PACIFIC NORTHWEST Elevation: 29 Water Body Id:
Minor Basin: WASHINGTON COAST ECO Region:
RF1 Index: 17100101 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE SITE IS LOCATED ON THE OZETTE WASHINGTON CLALLAM COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON THE OZETTE RIVER DOWNSTREAM FROM LAKE OZETTE. DATA ARE FROM THE UPCOMING PAPER "WATER QUALITY CONDITIONS IN THE LAKE OZETTE ECOSYSTEM AND POTENTIAL IMPACTS ON SALMONIDS" BY JOHN MEYER AND SAM BRENKMAN; OLYM NP FISHERIES BIOLOGISTS. STORET CODE P00134 WAS USED TO INDICATE WATER SAMPLES WERE COLLECTED DURING STORM EVENTS OR DRY CONDITIONS. ONE AND ZERO WERE USED RESPECTIVELY. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516 FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/25/93-11/30/94	20	10.6	12.105	19.	6.7	20.372	4.514	7.03	8.025	17.075	18.89
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/25/93-10/19/94	8	47.	53.	105.	14.	1054.286	32.47	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/93-11/30/94	20	38.	38.05	47.	31.	12.366	3.517	34.	36.25	39.	42.9
00134	STORM EVENT SERIAL NUMBER MAXIMUM OF 6 SIG.FIG.	07/25/93-11/30/94	21	0.	0.143	1.	0.	0.129	0.359	0.	0.	0.	1.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/24/93-11/30/94	17	10.1	10.147	11.8	8.1	1.011	1.006	8.66	9.35	10.9	11.8
00406	PH, FIELD, STANDARD UNITS SU	12/16/93-11/30/94	15	6.93	6.922	7.42	6.4	0.053	0.231	6.586	6.72	7.04	7.252
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/16/93-11/30/94	15	6.93	6.862	7.42	6.4	0.057	0.239	6.586	6.72	7.04	7.252
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/16/93-11/30/94	15	0.117	0.137	0.398	0.038	0.007	0.085	0.059	0.091	0.191	0.276
46480	OXIDATION REDUCTION POTENTIAL, FIELD MV	12/16/93-11/30/94	15	407.	398.467	483.	320.	1867.552	43.215	333.2	367.	421.	470.4
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	07/25/93-11/30/94	15	1.8	3.133	14.2	0.4	12.852	3.585	0.7	1.	3.6	10.42

** - 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: OLYM0402

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	17	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00	3	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	15	0	0.00	3	0	0.00	6	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	15	1	0.07	3	0	0.00	6	1	0.17	4	0	0.00	2	0	0.00
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	15	0	0.00	4	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0403

NPS Station ID: OLYM0403 LAT/LON: 48.154170/-124.669449 Agency: 11EPALES Date Created: / /
Location: OZETTE RIVER FIPS State/County: 53000 WASHINGTON/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 5310A1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101 Depth of Water: 0 Aquifer:
Major Basin: O/OZETTE LAKE Elevation: 0 Water Body Id:
Minor Basin: BANK SMPL FROM END OF OZETTE RD IN OZETT ECO Region:
RF1 Index: 17100101044 RF1 Mile Point: 3.550 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
BANK SAMPLE FROM END OF OZETTE RD IN OZETTE SEC 30 T31N R15W

Parameter Inventory for Station: OLYM0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/74-08/02/75	10	0.032	0.034	0.072	0.004	0.	0.02	0.005	0.025	0.044	0.07
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	2	0.007	0.007	0.011	0.002	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/74-10/05/74	2	0.012	0.012	0.02	0.004	0.	0.011	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/74-08/02/75	10	0.225	0.355	1.	0.1	0.108	0.329	0.1	0.1	0.525	0.99
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/21/74-08/02/75	9	0.06	0.062	0.17	0.005	0.002	0.049	0.005	0.02	0.08	0.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/21/74-08/02/75	10	0.013	0.014	0.03	0.003	0.	0.009	0.003	0.005	0.02	0.029
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/21/74-08/02/75	10 ##	0.003	0.004	0.01	0.003	0.	0.003	0.003	0.003	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 time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0403

				Total	Exceed	Prop.	10/01-11/30			12/01-3/31			4/01-7/31			8/01-9/30		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0404

NPS Station ID: OLYM0404
LAT/LON: 48.255282/-124.681671
Agency: 11NPSWRD
Date Created: 04/25/98
Location: PETROLEUM CREEK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-PC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE MAKAH BAY WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON PETROLEUM CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/07/95-01/07/97	3	62.	65.667	84.	51.	282.333	16.803	**	**	**	**
00400	PH (STANDARD UNITS)	08/07/95-01/07/97	3	6.2	6.333	6.8	6.	0.173	0.416	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/07/95-01/07/97	3	6.2	6.224	6.8	6.	0.191	0.437	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/95-01/07/97	3	0.631	0.596	1.	0.158	0.178	0.422	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/07/95-01/07/97	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/07/95-01/07/97	3	37.	41.333	56.	31.	170.333	13.051	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	10/11/96-01/07/97	2	0.21	0.21	0.31	0.11	0.02	0.141	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/95-01/07/97	3	0.009	0.013	0.024	0.006	0.	0.01	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/07/95-08/07/95	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-01/07/97	3	0.17	0.157	0.25	0.05	0.01	0.101	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/95-01/07/97	3	0.006	0.008	0.012	0.005	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/95-01/07/97	3	0.003	0.003	0.004	0.002	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/95-01/07/97	3	4.4	4.367	5.9	2.8	2.403	1.55	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/95-01/07/97	3	1.7	1.6	2.	1.1	0.21	0.458	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/95-01/07/97	3	5.07	5.007	5.73	4.22	0.573	0.757	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/95-01/07/97	3	0.59	0.517	0.62	0.34	0.024	0.154	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/95-01/07/97	3	9.	9.333	10.	9.	0.333	0.577	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/95-01/07/97	3	6.	6.867	11.4	3.2	17.373	4.168	**	**	**	**
50938	ANION - CATION RATIO	08/07/95-01/07/97	3	0.96	0.933	1.01	0.83	0.009	0.093	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/95-01/07/97	3	69.	63.	73.	47.	196.	14.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0404

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
		Other-Lo Lim.	6.5	3	2	0.67	1	0	0.00	1	1	1.00				1	1	1.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00				1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0405

NPS Station ID: OLYM0405
LAT/LON: 48.208338/-124.690282
Agency: 11NPSWRD
Date Created: 04/25/98
Location: SEAFIELD CREEK
FIPS State/County: 53009 WASHINGTON/CLALLAM
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): OLYM_NPS_RM-SC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 17100101
Depth of Water: 0
Aquifer:
Major Basin: PACIFIC NORTHWEST
Elevation: 0
Water Body Id:
Minor Basin: WASHINGTON COAST
ECO Region:
RF1 Index: 17100101
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE OZETTE WASHINGTON 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SEAFIELD CREEK INSIDE OLYMPIC NATIONAL PARK. DATA ARE FROM THE 1998 NATIONAL PARK SERVICE REPORT "STREAM MONITORING IN OLYMPIC NATIONAL PARK USING THE EPA REMAP PROTOCOL" BY OLYMPIC NATIONAL PARK FISHERIES BIOLOGISTS JOHN WULLSCHLEGER; JOHN MEYER; AND SAM BRENKMANN. LATITUDE AND LONGITUDE COORDINATE VALUES WERE OBTAINED BY DIGITIZING A POINT ON THE QUADRANGLE MAP MATCHING THE SITE DESCRIPTION IN THE REPORT. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT OLYMPIC NATIONAL PARK; 600 EAST PARK AVENUE; PORT ANGELES WASHINGTON 98362-6757. TEL. 360-452-4501. DATA WERE PROCESSED AND UPLOADED TO STORET BY J. CHRIS ECHOHAWK; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: OLYM0405

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/07/95-01/06/97	2	52.	52.	74.	30.	968.	31.113	**	**	**	**
00400	PH (STANDARD UNITS)	08/07/95-01/06/97	2	4.85	4.85	4.9	4.8	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/07/95-01/06/97	2	4.847	4.847	4.9	4.8	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/95-01/06/97	2	14.219	14.219	15.849	12.589	5.313	2.305	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/07/95-01/06/97	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/07/95-01/06/97	2	19.	19.	24.	14.	50.	7.071	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	01/06/97-01/06/97	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/95-01/06/97	2	0.014	0.014	0.016	0.012	0.	0.003	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/07/95-08/07/95	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/07/95-01/06/97	2	0.08	0.08	0.13	0.03	0.005	0.071	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/07/95-01/06/97	2	0.009	0.009	0.011	0.006	0.	0.004	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/07/95-01/06/97	2	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/95-01/06/97	2	1.85	1.85	2.3	1.4	0.405	0.636	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/95-01/06/97	2	1.1	1.1	1.3	0.9	0.08	0.283	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/95-01/06/97	2	4.665	4.665	4.92	4.41	0.13	0.361	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/95-01/06/97	2	0.49	0.49	0.53	0.45	0.003	0.057	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/95-01/06/97	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/95-01/06/97	2	2.8	2.8	3.7	1.9	1.62	1.273	**	**	**	**
50938	ANION - CATION RATIO	08/07/95-01/06/97	2	0.835	0.835	0.88	0.79	0.004	0.064	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/95-01/06/97	2	62.5	62.5	77.	48.	420.5	20.506	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: OLYM0405

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00				1	0	0.00				1	0	0.00
		Other-Lo Lim.	6.5	2	2	1.00				1	1	1.00				1	1	1.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00				1	0	0.00				1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: OLYM0406

NPS Station ID: OLYM0406 | LAT/LON: 48.385004/-124.726670 | Agency: 11EPAMW | Date Created: 07/28/78
Location: CAPE FLATTERY WASH | FIPS State/County: 53992 WASHINGTON/
Station Type: /TYPA/AMBNT/OCEAN | STORET Station ID(s): 8700 /CF
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: | Depth of Water: 0 | Aquifer:
Major Basin: PACIFIC OCEAN | Elevation: 0 | Water Body Id:
Minor Basin: PACIFIC OCEAN | ECO Region:
RF1 Index: | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: | RF3 Mile Point: 0.00 | Distance from RF3: 0.00 | On/Off RF3:
Description:
LOCATED IN NEAH BAY ADJACENT TO BLACK BELL NUMBER 1 WITH FLASHING WHITE LIGHT
SOUTHWEST REGION 15 QUAD- CAPE FLATTERY

Parameter Inventory for Station: OLYM0406

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/10/76-08/10/76	1	2161.	2161.	2161.	2161.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	08/10/76-08/10/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81624	TOTAL PCBS IN SHELLFISH TISSUE DRY WEIGHT UG/KG	08/10/76-08/10/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
81625	P,P'-DDD IN SHELLFISH TISSUE DRY WEIGHT	08/10/76-08/10/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
81626	P,P'-DDE IN SHELLFISH TISSUE DRY WEIGHT UG/KG	08/10/76-08/10/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
81627	ZINC IN SHELLFISH TISSUE DRY WEIGHT MG/KG	08/10/76-08/10/76	1	110.	110.	110.	110.	0.	0.	**	**	**	**
81628	NICKEL IN SHELLFISH TISSUE DRY WEIGHT MG/KG	08/10/76-08/10/76	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
81633	LEAD IN SHELLFISH TISSUE DRY WEIGHT MG/KG	08/10/76-08/10/76	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
81634	CADMIUM IN SHELLFISH TISSUE DRY WEIGHT MG/KG	08/10/76-08/10/76	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
81636	COPPER IN SHELLFISH TISSUE DRY WEIGHT MG/KG	08/10/76-08/10/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

EPA Water Quality Criteria Analysis for Entire OLYM Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1667	15	0.01	345	3	0.01	318	12	0.04	571	0	0.00	433	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	225	3	0.01	38	1	0.03	68	2	0.03	82	0	0.00	37	0	0.00
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	4	0	0.00										4	0	0.00
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	598	2	0.00	35	0	0.00	264	0	0.00	158	2	0.01	141	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3918	55	0.01	568	1	0.00	910	2	0.00	1464	19	0.01	976	33	0.03
00400	PH	Fresh Chronic	9.	1483	8	0.01	268	6	0.02	438	1	0.00	522	1	0.00	255	0	0.00
		Marine Chronic	8.5	1065	6	0.01	178	0	0.00	154	0	0.00	504	5	0.01	229	1	0.00
		Other-Lo Lim.	6.5	2548	80	0.03	446	29	0.07	592	18	0.03	1026	14	0.01	484	19	0.04
00403	PH, LAB	Fresh Chronic	9.	175	0	0.00	29	0	0.00	47	0	0.00	61	0	0.00	38	0	0.00
		Other-Lo Lim.	6.5	175	0	0.00	29	0	0.00	47	0	0.00	61	0	0.00	38	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	1125	3	0.00	112	0	0.00	434	0	0.00	355	2	0.01	224	1	0.00
		Other-Lo Lim.	6.5	1125	114	0.10	112	7	0.06	434	20	0.05	355	72	0.20	224	15	0.07
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	4	0	0.00										4	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	105	0	0.00	17	0	0.00	28	0	0.00	37	0	0.00	23	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	336	0	0.00	88	0	0.00	59	0	0.00	87	0	0.00	102	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	581	0	0.00	91	0	0.00	179	0	0.00	208	0	0.00	103	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	512	0	0.00	111	0	0.00	103	0	0.00	153	0	0.00	145	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	799	0	0.00	146	0	0.00	258	0	0.00	255	0	0.00	140	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	262	0	0.00	44	0	0.00	71	0	0.00	94	0	0.00	53	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	18	0	0.00	2	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00
		Drinking Water	0.2	18	0	0.00	2	0	0.00	6	0	0.00	5	0	0.00	5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	841	0	0.00	136	0	0.00	253	0	0.00	292	0	0.00	160	0	0.00
		Drinking Water	250.	841	2	0.00	136	0	0.00	253	0	0.00	292	1	0.00	160	1	0.01
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	579	0	0.00	103	0	0.00	172	0	0.00	207	0	0.00	97	0	0.00
		Drinking Water	250.	579	0	0.00	103	0	0.00	172	0	0.00	207	0	0.00	97	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	788	0	0.00	126	0	0.00	236	0	0.00	274	0	0.00	152	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	576	0	0.00	103	0	0.00	172	0	0.00	208	0	0.00	93	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	623	0	0.00	92	0	0.00	182	0	0.00	228	0	0.00	121	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	231	0	0.00	49	0	0.00	73	0	0.00	84	0	0.00	25	0	0.00
		Drinking Water	50.	223 &	0	0.00	41	0	0.00	73	0	0.00	84	0	0.00	25	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	38	0	0.00	6	0	0.00	10	0	0.00	20	0	0.00	2	0	0.00
		Drinking Water	50.	38	0	0.00	6	0	0.00	10	0	0.00	20	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	84	0	0.00	10	0	0.00	19	0	0.00	45	0	0.00	10	0	0.00
		Drinking Water	50.	84	0	0.00	10	0	0.00	19	0	0.00	45	0	0.00	10	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	154	0	0.00	29	0	0.00	49	0	0.00	57	0	0.00	19	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	34	0	0.00	5	0	0.00	9	0	0.00	18	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	68	0	0.00	8	0	0.00	16	0	0.00	38	0	0.00	6	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	65	0	0.00	12	0	0.00	22	0	0.00	18	0	0.00	13	0	0.00
		Drinking Water	4.	65	0	0.00	12	0	0.00	22	0	0.00	18	0	0.00	13	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
		Drinking Water	4.	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	165 &	4	0.02	37	0	0.00	51	1	0.02	59	3	0.05	18	0	0.00
		Drinking Water	5.	165 &	3	0.02	37	0	0.00	51	1	0.02	59	2	0.03	18	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	24 &	3	0.13	5	0	0.00	7	1	0.14	12	2	0.17			
		Drinking Water	5.	29 &	3	0.10	6	0	0.00	7	1	0.14	16	2	0.13			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	62 &	2	0.03	6	0	0.00	14	0	0.00	38	2	0.05	4	0	0.00
		Drinking Water	5.	62 &	2	0.03	6	0	0.00	14	0	0.00	38	2	0.05	4	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	235	0	0.00	46	0	0.00	72	0	0.00	84	0	0.00	33	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	42	0	0.00	6	0	0.00	10	0	0.00	24	0	0.00	2	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	100.	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	101	0	0.00	19	0	0.00	21	0	0.00	46	0	0.00	15	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	250	28	0.11	55	3	0.05	73	15	0.21	84	6	0.07	38	4	0.11
		Drinking Water	1300.	250	0	0.00	55	0	0.00	73	0	0.00	84	0	0.00	38	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	46	4	0.09	8	0	0.00	11	2	0.18	27	2	0.07			
		Drinking Water	1300.	46	0	0.00	8	0	0.00	11	0	0.00	27	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	87	20	0.23	12	1	0.08	19	6	0.32	45	11	0.24	11	2	0.18
		Drinking Water	1300.	87	0	0.00	12	0	0.00	19	0	0.00	45	0	0.00	11	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	173	0	0.00	39	0	0.00	51	0	0.00	59	0	0.00	24	0	0.00
		Drinking Water	15.	168 &	5	0.03	34	1	0.03	51	3	0.06	59	1	0.02	24	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	48	2	0.04	8	0	0.00	13	1	0.08	26	1	0.04	1	0	0.00
		Drinking Water	15.	40 &	10	0.25	6	0	0.00	12	3	0.25	21	7	0.33	1	0	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 OLYM Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	69 &	3	0.04	6	0	0.00	16	2	0.13	38	1	0.03	9	0	0.00
		Drinking Water	15.	69 &	17	0.25	6	0	0.00	16	5	0.31	38	11	0.29	9	1	0.11
01059	THALLIUM, TOTAL	Fresh Acute	1400.	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
		Drinking Water	2.	3 &	1	0.33				2	0	0.00	1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	98	0	0.00	26	0	0.00	26	0	0.00	35	0	0.00	11	0	0.00
		Drinking Water	100.	98	0	0.00	26	0	0.00	26	0	0.00	35	0	0.00	11	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	21	0	0.00	3	0	0.00	4	0	0.00	14	0	0.00			
		Drinking Water	100.	21	0	0.00	3	0	0.00	4	0	0.00	14	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	30	0	0.00	4	0	0.00	8	0	0.00	15	0	0.00	3	0	0.00
		Drinking Water	100.	30	0	0.00	4	0	0.00	8	0	0.00	15	0	0.00	3	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	153 &	0	0.00	28	0	0.00	49	0	0.00	57	0	0.00	19	0	0.00
		Drinking Water	100.	154	0	0.00	29	0	0.00	49	0	0.00	57	0	0.00	19	0	0.00
01076	SILVER, SUSPENDED	Fresh Acute	4.1	34 &	0	0.00	5	0	0.00	9	0	0.00	18	0	0.00	2	0	0.00
		Drinking Water	100.	35	0	0.00	6	0	0.00	9	0	0.00	18	0	0.00	2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	72 &	1	0.01	8	0	0.00	19	1	0.05	37	0	0.00	8	0	0.00
		Drinking Water	100.	82	0	0.00	11	0	0.00	22	0	0.00	39	0	0.00	10	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	243	6	0.02	53	6	0.11	72	0	0.00	83	0	0.00	35	0	0.00
		Drinking Water	5000.	243	1	0.00	53	1	0.02	72	0	0.00	83	0	0.00	35	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	50	1	0.02	8	0	0.00	13	1	0.08	26	0	0.00	3	0	0.00
		Drinking Water	5000.	50	0	0.00	8	0	0.00	13	0	0.00	26	0	0.00	3	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	87	4	0.05	12	1	0.08	19	2	0.11	45	0	0.00	11	1	0.09
		Drinking Water	5000.	87	0	0.00	12	0	0.00	19	0	0.00	45	0	0.00	11	0	0.00
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	8	0	0.00	8	0	0.00									
		Drinking Water	6.	0 &	0	0.00												
01097	ANTIMONY, TOTAL	Fresh Acute	88.	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
		Drinking Water	6.	3 &	0	0.00				2	0	0.00	1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	165	0	0.00	32	0	0.00	52	0	0.00	62	0	0.00	19	0	0.00
		Drinking Water	50.	165	0	0.00	32	0	0.00	52	0	0.00	62	0	0.00	19	0	0.00
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	43	0	0.00	7	0	0.00	11	0	0.00	23	0	0.00	2	0	0.00
		Drinking Water	50.	43	0	0.00	7	0	0.00	11	0	0.00	23	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	81 &	0	0.00	10	0	0.00	20	0	0.00	45	0	0.00	6	0	0.00
		Drinking Water	50.	81 &	0	0.00	10	0	0.00	20	0	0.00	45	0	0.00	6	0	0.00
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	2	0	0.00										2	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1058	48	0.05	152	9	0.06	197	5	0.03	278	6	0.02	431	28	0.06
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	109	0	0.00	19	0	0.00	11	0	0.00	52	0	0.00	27	0	0.00
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	57	0	0.00	8	0	0.00	16	0	0.00	22	0	0.00	11	0	0.00
31507	COLIFORM, TOTAL, MPN	Other-Hi Lim.	1000.	114	0	0.00	13	0	0.00	41	0	0.00	43	0	0.00	17	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	461	11	0.02	67	0	0.00	84	0	0.00	172	0	0.00	138	11	0.08
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	468	4	0.01	129	3	0.02	133	1	0.01	135	0	0.00	71	0	0.00
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	12	0	0.00				2	0	0.00	7	0	0.00	3	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	12	0	0.00				2	0	0.00	7	0	0.00	3	0	0.00
		Drinking Water	5.	10 &	0	0.00							7	0	0.00	3	0	0.00
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	11	0	0.00				2	0	0.00	6	0	0.00	3	0	0.00
		Drinking Water	5.	9 &	0	0.00							6	0	0.00	3	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	11	0	0.00				2	0	0.00	6	0	0.00	3	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	10	0	0.00				2	0	0.00	5	0	0.00	3	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	9	0	0.00				2	0	0.00	7	0	0.00			
		Drinking Water	100.	9	0	0.00				2	0	0.00	7	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	11	0	0.00				2	0	0.00	6	0	0.00	3	0	0.00
		Drinking Water	1000.	11	0	0.00				2	0	0.00	6	0	0.00	3	0	0.00
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	6	0	0.00				2	0	0.00				4	0	0.00
34210	ACROLEIN, TOTAL	Fresh Acute	68.	2	0	0.00				2	0	0.00						
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	2	0	0.00				2	0	0.00						
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	11	0	0.00				2	0	0.00	6	0	0.00	3	0	0.00
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	2	0	0.00				2	0	0.00						
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	11	0	0.00				2	0	0.00	6	0	0.00	3	0	0.00
		Drinking Water	700.	11	0	0.00				2	0	0.00	6	0	0.00	3	0	0.00
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	6	0	0.00				2	0	0.00				4	0	0.00

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EPA Water Quality Criteria Analysis for Entire OLYM Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	6	0	0.00				2	0	0.00				4	0	0.00
		Drinking Water	50.	6	0	0.00				2	0	0.00				4	0	0.00
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	7	0	0.00										7	0	0.00
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	6	0	0.00				2	0	0.00				4	0	0.00
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	6	0	0.00				2	0	0.00				4	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	9	0	0.00				2	0	0.00	7	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	6	0	0.00				2	0	0.00				4	0	0.00
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	6	0	0.00				2	0	0.00				4	0	0.00
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	6	0	0.00				2	0	0.00				4	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	12	0	0.00				2	0	0.00	7	0	0.00	3	0	0.00
		Drinking Water	5.	10 &	0	0.00							7	0	0.00	3	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	12	0	0.00				2	0	0.00	7	0	0.00	3	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	11	0	0.00				2	0	0.00	6	0	0.00	3	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	4 &	0	0.00							1	0	0.00	3	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	15	0	0.00				2	0	0.00	6	0	0.00	7	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	9 &	0	0.00							6	0	0.00	3	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	11	0	0.00				2	0	0.00	6	0	0.00	3	0	0.00
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	9	0	0.00				2	0	0.00				7	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	15	0	0.00				2	0	0.00	6	0	0.00	7	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	15	0	0.00				2	0	0.00	6	0	0.00	7	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	6	0	0.00				2	0	0.00				4	0	0.00
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	6	0	0.00				2	0	0.00				4	0	0.00
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	6	0	0.00				2	0	0.00				4	0	0.00
34675	2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN, TOT	Fresh Acute	0.01	0 &	0	0.00												
		Drinking Water	0.000	03								0&	0	0.00				
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	8	0	0.00				2	0	0.00				6	0	0.00
38437	DIBROMOCHLOROPROPANE, WATER, TOTAL	Drinking Water	0.2	0 &	0	0.00												
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	4.	4	0	0.00				2	0	0.00				2	0	0.00
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
		Drinking Water	1.	1 &	0	0.00							1	0	0.00			
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
		Drinking Water	6.	7	0	0.00				2	0	0.00	1	0	0.00	4	0	0.00
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	6 &	0	0.00							6	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	12	0	0.00				2	0	0.00	7	0	0.00	3	0	0.00
		Drinking Water	5.	10 &	0	0.00							7	0	0.00	3	0	0.00
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	6	0	0.00				2	0	0.00				4	0	0.00
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	6	0	0.00				2	0	0.00				4	0	0.00
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	6	0	0.00				2	0	0.00				4	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	34	0	0.00	1	0	0.00	10	0	0.00	12	0	0.00	11	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	35	0	0.00	1	0	0.00	10	0	0.00	13	0	0.00	11	0	0.00
		Drinking Water	0.2	35	0	0.00	1	0	0.00	10	0	0.00	13	0	0.00	11	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	34	0	0.00	1	0	0.00	10	0	0.00	12	0	0.00	11	0	0.00
		Drinking Water	2.	34	0	0.00	1	0	0.00	10	0	0.00	12	0	0.00	11	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	28	0	0.00	1	0	0.00	8	0	0.00	12	0	0.00	7	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	28	0	0.00	1	0	0.00	8	0	0.00	12	0	0.00	7	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	28	0	0.00	1	0	0.00	8	0	0.00	12	0	0.00	7	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	34	0	0.00	1	0	0.00	10	0	0.00	12	0	0.00	11	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	11	0	0.00				3	0	0.00	7	0	0.00	1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	34	0	0.00	1	0	0.00	10	0	0.00	12	0	0.00	11	0	0.00
		Drinking Water	2.	34	0	0.00	1	0	0.00	10	0	0.00	12	0	0.00	11	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	33	0	0.00	1	0	0.00	9	0	0.00	12	0	0.00	11	0	0.00
		Drinking Water	3.	33	0	0.00	1	0	0.00	9	0	0.00	12	0	0.00	11	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	35	0	0.00	1	0	0.00	10	0	0.00	13	0	0.00	11	0	0.00
		Drinking Water	0.4	35	0	0.00	1	0	0.00	10	0	0.00	13	0	0.00	11	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	34	0	0.00	1	0	0.00	10	0	0.00	12	0	0.00	11	0	0.00
		Drinking Water	0.2	34	0	0.00	1	0	0.00	10	0	0.00	12	0	0.00	11	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	22	0	0.00	1	0	0.00	6	0	0.00	8	0	0.00	7	0	0.00
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	23	0	0.00	1	0	0.00	8	0	0.00	7	0	0.00	7	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire OLYM Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-7/31 Obs	4/01-7/31 Exceed	4/01-7/31 Prop.	8/01-9/30 Obs	8/01-9/30 Exceed	8/01-9/30 Prop.
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	6	0	0.00				3	0	0.00	1	0	0.00	2	0	0.00
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	6	0	0.00				2	0	0.00				4	0	0.00
		Drinking Water	1.	4 &	0	0.00										4	0	0.00
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	2	0	0.00				2	0	0.00						
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	22	0	0.00	1	0	0.00	7	0	0.00	11	0	0.00	3	0	0.00
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	22	0	0.00	1	0	0.00	7	0	0.00	11	0	0.00	3	0	0.00
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	15	1	0.07							10	1	0.10	5	0	0.00
50064	CHLORINE, FREE AVAILABLE	Fresh Acute	0.019	14 &	0	0.00							10	0	0.00	4	0	0.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	11	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	7	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	177	0	0.00	24	0	0.00	51	0	0.00	70	0	0.00	32	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	8	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	114	3	0.03	20	1	0.05	35	2	0.06	45	0	0.00	14	0	0.00
		Drinking Water	2.	114	3	0.03	20	1	0.05	35	2	0.06	45	0	0.00	14	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	43	0	0.00	7	0	0.00	10	0	0.00	24	0	0.00	2	0	0.00
		Drinking Water	2.	43	1	0.02	7	0	0.00	10	0	0.00	24	1	0.04	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	126	0	0.00	19	0	0.00	33	0	0.00	58	0	0.00	16	0	0.00
		Drinking Water	2.	126	1	0.01	19	0	0.00	33	0	0.00	58	1	0.02	16	0	0.00
77093	CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	Drinking Water	70.	9	0	0.00							6	0	0.00	3	0	0.00
77128	STYRENE, WHOLE WATER	Drinking Water	100.	9	0	0.00							6	0	0.00	3	0	0.00
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	4	0	0.00										4	0	0.00
80020	URANIUM, DISS. BY EXTRACTION FLUOROMETRI	Drinking Water	20.	20	0	0.00	4	0	0.00	7	0	0.00				9	0	0.00
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	101	6	0.06	23	2	0.09	24	3	0.13	28	1	0.04	26	0	0.00
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	465	6	0.01	50	1	0.02	287	3	0.01	74	0	0.00	54	2	0.04

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the OLYM 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 OLYM Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (UEQ/L)	4	4	0	0	4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1163	544	321	298	63
00435	ACIDITY, TOTAL (MG/L AS CACO3)	4	0	4	0	4
00440	BICARBONATE ION (MG/L AS HCO3)	612	51	155	406	79
00445	CARBONATE ION (MG/L AS CO3)	400	0	126	274	44
		2183	599	606	978	194 (95)[1]

pH		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	2548	441	824	1283	148
00403	PH, LAB (STANDARD UNITS)	175	91	84	0	19
00406	PH, FIELD (STANDARD UNITS)	1125	1119	6	0	26
		3848	1651	914	1283	193(186)[1]

Conductivity		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	870	618	60	192	47
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	2611	990	949	672	186
00480	SALINITY - PARTS PER THOUSAND	2876	14	397	2465	153
		6357	1622	1406	3329	386(348)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	598	598	0	0	24
00300	OXYGEN, DISSOLVED (MG/L)	3918	434	1121	2363	258
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	491	295	196	0	41
		5007	1327	1317	2363	323(283)[1]

Water Temperature		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	5408	1093	1720	2595	318
		5408	1093	1720	2595	318(318)[1]

Flow		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	4	0	4	0	4
00060	FLOW, STREAM, MEAN DAILY CFS	419	167	49	203	28
00061	FLOW, STREAM, INSTANTANEOUS CFS	1087	124	772	191	41
00065	STAGE, STREAM (FEET)	259	19	0	240	12
00067	TIDE STAGE CODE	179	0	0	179	10
		1948	310	825	813	95 (70)[1]

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Clarity/Turbidity		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1667	16	734	917	167
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	3	0	0	3	3
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	225	62	163	0	10
00077	TRANSPARENCY, SECCHI DISC (INCHES)	9	0	9	0	3
00078	TRANSPARENCY, SECCHI DISC (METERS)	238	189	49	0	17
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	286	225	37	24	34
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	101	101	0	0	7
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	465	465	0	0	16
		2994	1058	992	944	257(224)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	534	339	193	2	56
00602	NITROGEN, DISSOLVED (MG/L AS N)	75	25	50	0	24
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	342	1	328	13	53
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	54	0	54	0	4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	233	132	101	0	21
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	1946	807	909	230	172
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	646	526	11	109	21
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	861	24	546	291	115
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	613	509	104	0	32
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	672	126	487	59	68
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	809	255	437	117	93
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	262	143	113	6	24
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	91	0	91	0	18
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	78	2	76	0	4
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	11	0	0	11	9
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	177	4	1	172	17
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	8	0	1	7	3
		7412	2893	3502	1017	734(231)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	75	0	11	64	13
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	508	0	241	267	38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1604	501	841	262	142
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	751	598	153	0	33
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1782	910	526	346	94
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	128	21	105	2	57
		4848	2030	1877	941	377(183)[1]

Chlorophyll		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	153	153	0	0	8
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	1	0	1	0	1
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	8	0	8	0	3
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	107	0	3	104	9
		269	153	12	104	21 (21)[1]

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Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	735	7	317	411	70
00945	SULFATE, TOTAL (MG/L AS SO4)	788	87	339	362	74
00946	SULFATE, DISSOLVED (MG/L AS SO4)	576	566	10	0	26
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	654	105	252	297	52
		2753	765	918	1070	222(108)[1]

Bacteria		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	1060	0	533	527	143
31504	COLIFORM, TOT, MEMBRANE FILTER, IMME,L-ENDAGAR,35C	109	12	50	47	8
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	57	0	0	57	4
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	114	0	0	114	7
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	483	210	215	58	36
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	468	70	398	0	94
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	230	48	182	0	4
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	1	0	1	0	1
		2522	340	1379	803	297(174)[1]

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Toxic Elements		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	8	8	0	0	4
01097	ANTIMONY, TOTAL (UG/L AS SB)	7	4	3	0	6
01000	ARSENIC, DISSOLVED (UG/L AS AS)	231	43	122	66	16
01001	ARSENIC, SUSPENDED (UG/L AS AS)	38	0	38	0	4
01002	ARSENIC, TOTAL (UG/L AS AS)	84	16	65	3	14
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	65	35	30	0	3
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7	4	3	0	6
01025	CADMIUM, DISSOLVED (UG/L AS CD)	166	43	122	1	14
01026	CADMIUM, SUSPENDED (UG/L AS CD)	32	0	32	0	4
01027	CADMIUM, TOTAL (UG/L AS CD)	84	16	65	3	14
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	235	43	127	65	22
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	42	0	42	0	5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	14	0	0	14	1
01034	CHROMIUM, TOTAL (UG/L AS CR)	102	16	64	22	17
01040	COPPER, DISSOLVED (UG/L AS CU)	250	43	126	81	22
01041	COPPER, SUSPENDED (UG/L AS CU)	46	0	46	0	5
01042	COPPER, TOTAL (UG/L AS CU)	87	16	65	6	16
01049	LEAD, DISSOLVED (UG/L AS PB)	173	43	128	2	20
01050	LEAD, SUSPENDED (UG/L AS PB)	48	0	48	0	5
01051	LEAD, TOTAL (UG/L AS PB)	85	16	65	4	14
71890	MERCURY, DISSOLVED (UG/L AS HG)	114	35	79	0	7
71895	MERCURY, SUSPENDED (UG/L AS HG)	43	0	43	0	5
71900	MERCURY, TOTAL (UG/L AS HG)	126	16	106	4	21
01065	NICKEL, DISSOLVED (UG/L AS NI)	98	51	47	0	8
01066	NICKEL, SUSPENDED (UG/L AS NI)	21	0	21	0	4
01067	NICKEL, TOTAL (UG/L AS NI)	31	4	27	0	10
01145	SELENIUM, DISSOLVED (UG/L AS SE)	165	43	121	1	10
01146	SELENIUM, SUSPENDED (UG/L AS SE)	43	0	43	0	5
01147	SELENIUM, TOTAL (UG/L AS SE)	85	16	66	3	14
01075	SILVER, DISSOLVED (UG/L AS AG)	154	43	111	0	10
01076	SILVER, SUSPENDED (UG/L AS AG)	35	0	35	0	5
01077	SILVER, TOTAL (UG/L AS AG)	83	16	64	3	14
01059	THALLIUM, TOTAL (UG/L AS TL)	7	4	3	0	6
01090	ZINC, DISSOLVED (UG/L AS ZN)	243	43	128	72	22
01091	ZINC, SUSPENDED (UG/L ZN)	50	0	50	0	5
01092	ZINC, TOTAL (UG/L AS ZN)	87	16	65	6	16
00720	CYANIDE, TOTAL (MG/L AS CN)	18	0	16	2	4
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	2	0	2	0	2
34210	ACROLEIN, TOTAL (UG/L)	2	0	2	0	2
34215	ACRYLONITRILE, TOTAL (UG/L)	2	0	2	0	2
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	11	8	3	0	10
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	1	1	0	0	1
32104	BROMOFORM, WHOLE WATER, (UG/L)	11	9	2	0	10
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	12	9	3	0	11
34301	CHLOROBENZENE, TOTAL (UG/L)	11	9	2	0	10
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	10	8	2	0	9
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	1	1	0	0	1
34311	CHLOROETHANE, TOTAL (UG/L)	6	4	2	0	6
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	2	0	2	0	2
32106	CHLOROFORM, WHOLE WATER (UG/L)	12	9	3	0	11
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	12	9	3	0	11
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	12	9	3	0	11
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	11	9	2	0	10
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	12	9	3	0	11
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	11	9	2	0	10

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34371	ETHYLBENZENE, TOTAL (UG/L)	11	8	3	0	10
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
34413	METHYL BROMIDE, TOTAL (UG/L)	5	3	2	0	5
34418	METHYL CHLORIDE, TOTAL (UG/L)	6	4	2	0	6
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	12	9	3	0	11
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	11	9	2	0	10
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	12	9	3	0	11
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	11	8	3	0	10
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	1	1	0	0	1
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	11	9	2	0	10
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	6	4	2	0	6
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	6	4	2	0	6
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	12	9	3	0	11
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	11	9	2	0	10
34586	2-CHLOROPHENOL, TOTAL (UG/L)	6	4	2	0	5
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	7	4	3	0	6
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	6	4	2	0	5
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	6	4	2	0	5
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	6	4	2	0	5
34591	2-NITROPHENOL, TOTAL (UG/L)	6	4	2	0	5
34646	4-NITROPHENOL, TOTAL (UG/L)	6	4	2	0	5
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	6	4	2	0	5
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	7	4	3	0	6
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	7	4	3	0	6
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	7	4	3	0	6
34205	ACENAPHTHENE, TOTAL (UG/L)	6	4	2	0	5
34200	ACENAPHTHYLENE, TOTAL (UG/L)	6	4	2	0	5
34220	ANTHRACENE, TOTAL (UG/L)	6	4	2	0	5
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	6	4	2	0	5
34247	BENZO-A-PYRENE, TOTAL (UG/L)	6	4	2	0	5
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	6	4	2	0	5
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	6	4	2	0	5
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	6	4	2	0	5
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	6	4	2	0	5
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	6	4	2	0	5
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	7	4	3	0	6
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	6	4	2	0	5
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	6	4	2	0	5
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	6	4	2	0	5
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	6	4	2	0	5
34320	CHRYSENE, TOTAL (UG/L)	6	4	2	0	5
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	6	4	2	0	5
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	15	13	2	0	10
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	15	13	2	0	10
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	15	13	2	0	10
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	4	2	2	0	4
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	6	4	2	0	5
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	6	4	2	0	5
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	7	4	3	0	6
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	6	4	2	0	5
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	6	4	2	0	5
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	6	4	2	0	5
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	2	0	2	0	2
34376	FLUORANTHENE, TOTAL (UG/L)	6	4	2	0	5

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 12/17/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34381	FLUORENE, TOTAL (UG/L)	6	4	2	0	5
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	7	7	0	0	3
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	2	0	2	0	2
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	6	4	2	0	5
34396	HEXACHLOROETHANE, TOTAL (UG/L)	6	4	2	0	5
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	6	4	2	0	5
34408	ISOPHORONE, TOTAL (UG/L)	6	4	2	0	5
34696	NAPHTHALENE, TOTAL (UG/L)	9	7	2	0	5
34447	NITROBENZENE, TOTAL (UG/L)	6	4	2	0	5
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	2	0	2	0	2
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	6	4	2	0	5
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	6	4	2	0	5
34461	PHENANTHRENE, TOTAL (UG/L)	6	4	2	0	5
34469	PYRENE, TOTAL (UG/L)	6	4	2	0	5
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	9	7	2	0	5
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	34	9	24	1	10
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	7	4	3	0	6
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	6	4	2	0	5
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	35	9	25	1	11
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	7	4	3	0	6
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	34	9	24	1	10
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	28	5	22	1	5
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	28	5	22	1	5
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	28	5	22	1	5
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	34	9	24	1	10
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	7	4	3	0	6
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	7	4	3	0	6
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	4	4	0	0	3
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	34	9	24	1	10
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	35	9	25	1	11
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	34	9	24	1	10
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	8	4	4	0	6
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	6	4	2	0	5
34671	PCB - 1016, TOTAL (UG/L)	6	4	2	0	5
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	33	9	24	0	10
		4285	1220	2697	368	1087 (35)[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	2183	599	27.4	95	23.8	23.0	09/13/47-12/17/97	43.4
pH	3848	1651	42.9	186	46.5	20.7	05/20/48-12/17/97	77.6
Conductivity	6357	1622	25.5	348	87.0	18.3	09/13/47-12/17/97	126.5
Dissolved Oxygen	5007	1327	26.5	283	70.8	17.7	03/20/51-09/30/97	107.6
Water Temperature	5408	1093	20.2	318	79.5	17.0	03/20/51-09/30/97	116.2
Flow	1948	310	15.9	70	17.5	27.8	09/13/47-09/30/97	38.9
Clarity/Turbidity	2994	1058	35.3	224	56.0	13.4	10/05/60-10/12/97	80.9
Nitrate/Nitrogen	7412	2893	39.0	231	57.8	32.1	09/13/47-12/17/97	147.5
Phosphate/Phosphorus	4848	2030	41.9	183	45.8	26.5	07/19/53-12/17/97	109.1
Chlorophyll	269	153	56.9	21	5.3	12.8	07/20/64-09/26/87	11.6
Sulfates/Total Dissolved Solids/Hardness	2753	765	27.8	108	27.0	25.5	09/13/47-12/17/97	54.8
Bacteria	2522	340	13.5	174	43.5	14.5	07/06/59-09/30/97	66.0
Toxic Elements	4285	1220	28.5	35	8.8	122.4	11/20/59-11/15/94	122.5

Water Quality Observations
Outside STORET Edit Criteria for OLYM

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
OLYM0009	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	670718	0932	1710.0000000	10EPACOP	033304	
OLYM0009	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	670718	0933	1710.0000000	10EPACOP	033304	
OLYM0009	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	670718	0934	1710.0000000	10EPACOP	033304	
OLYM0009	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720613	1340	885.0000000	10EPACOP	033304	
OLYM0010	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720510	0800	153.0000000	10EPACOP	310003	
OLYM0010	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	730724	0720	283.0000000	10EPACOP	310003	
OLYM0011	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720510	0805	1980.0000000	10EPACOP	310004	
OLYM0016	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	740827	1145	314.0000000	10EPACOP	31004A	
OLYM0019	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	740827	1136	530.0000000	10EPACOP	310005	
OLYM0026	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	731009	0924	1220.0000000	10EPACOP	310007	
OLYM0028	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721030	1600	7600.0000000	1119C050	543181	
OLYM0028	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721031	1600	10000.0000000	1119C050	543181	
OLYM0028	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721002	1330	18500.0000000	1119C050	543181	
OLYM0028	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721003	1330	18800.0000000	1119C050	543181	
OLYM0028	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721004	1330	17900.0000000	1119C050	543181	
OLYM0028	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721005	1330	15700.0000000	1119C050	543181	
OLYM0031	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620909	0818	239.0000000	UNIVWASH	JDFA29	
OLYM0032	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720614	1120	355.0000000	10EPACOP	310032	
OLYM0039	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630203	1205	394.0000000	UNIVWASH	JDFA30	
OLYM0039	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630308	1542	363.0000000	UNIVWASH	JDFA30	
OLYM0039	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630308	1542	215.0000000	UNIVWASH	JDFA30	
OLYM0039	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	640109	1636	938.0000000	UNIVWASH	JDFA30	
OLYM0040	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700414	1135	950.0000000	21540000	JDF004	
OLYM0041	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630727	1303	500.0000000	UNIVWASH	JDFA44	
OLYM0041	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630727	1303	219.0000000	UNIVWASH	JDFA44	
OLYM0042	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630203	1152	162.0000000	UNIVWASH	JDFA43	
OLYM0042	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630308	1534	417.0000000	UNIVWASH	JDFA43	
OLYM0042	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630308	1534	207.0000000	UNIVWASH	JDFA43	
OLYM0042	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630417	1452	233.0000000	UNIVWASH	JDFA43	
OLYM0042	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630417	1452	159.0000000	UNIVWASH	JDFA43	
OLYM0042	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630418	0933	360.0000000	UNIVWASH	JDFA43	
OLYM0042	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630418	1346	740.0000000	UNIVWASH	JDFA43	
OLYM0042	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630908	0837	232.0000000	UNIVWASH	JDFA43	
OLYM0042	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631210	1012	178.0000000	UNIVWASH	JDFA43	
OLYM0042	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	640109	1626	515.0000000	UNIVWASH	JDFA43	
OLYM0044	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1150	210.0000000	1119C050	543028	
OLYM0044	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1152	210.0000000	1119C050	543028	
OLYM0046	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630203	1235	692.0000000	UNIVWASH	JDFA01	
OLYM0050	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631029	1151	246.0000000	UNIVWASH	JDFA19	
OLYM0050	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631029	1151	233.0000000	UNIVWASH	JDFA19	
OLYM0050	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631210	1129	490.0000000	UNIVWASH	JDFA19	

Water Quality Observations
Outside STORET Edit Criteria for OLYM

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
OLYM0050	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631210	1129	165.0000000	UNIVWASH	JDFA19	
OLYM0051	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720614	1140	915.0000000	10EPACOP	310033	
OLYM0055	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620911	1225	686.0000000	UNIVWASH	JDFA45	
OLYM0056	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631029	1133	236.0000000	UNIVWASH	JDFA32	
OLYM0057	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	730724	0907	1040.0000000	10EPACOP	031710	
OLYM0057	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	730724	0908	1040.0000000	10EPACOP	031710	
OLYM0058	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620910	9999	203.0000000	UNIVWASH	JDFA46	
OLYM0058	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620911	9999	180.0000000	UNIVWASH	JDFA46	
OLYM0058	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620911	9999	703.0000000	UNIVWASH	JDFA46	
OLYM0058	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620911	9999	224.0000000	UNIVWASH	JDFA46	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630906	0922	5763.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630906	0923	5763.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630906	0924	5763.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	650713	0925	11350.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	650713	0926	11350.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	650713	0927	11350.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	670718	0935	1305.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	670718	0936	1305.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	670718	0937	1305.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	680715	0903	3530.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	680715	0904	3530.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	680715	0905	3530.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	690715	0842	156.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	690715	0843	156.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	690715	0844	156.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	710726	0927	1310.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	710726	0928	1310.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	710726	0929	1310.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720510	1005	10250.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720614	1030	155.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720614	1031	155.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720614	1032	155.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	730724	1008	350.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	730724	1009	350.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	731009	0951	9625.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	740219	1022	265.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	740715	1012	440.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	740715	1013	440.0000000	10EPACOP	032107	
OLYM0059	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	740827	1148	3200.0000000	10EPACOP	032107	
OLYM0060	00500	RESIDUE, TOTAL (MG/L)	721030	0800	31000.0000000	1119C050	543180	
OLYM0060	00500	RESIDUE, TOTAL (MG/L)	721031	0800	32630.0000000	1119C050	543180	

Water Quality Observations
Outside STORET Edit Criteria for OLYM

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
OLYM0060	00500	RESIDUE, TOTAL (MG/L)	721101	0800	33720.0000000	1119C050	543180	
OLYM0060	00500	RESIDUE, TOTAL (MG/L)	721102	0800	32030.0000000	1119C050	543180	
OLYM0060	00500	RESIDUE, TOTAL (MG/L)	721103	0800	31410.0000000	1119C050	543180	
OLYM0060	00500	RESIDUE, TOTAL (MG/L)	721104	0800	32800.0000000	1119C050	543180	
OLYM0060	00500	RESIDUE, TOTAL (MG/L)	721105	0800	29650.0000000	1119C050	543180	
OLYM0060	00505	RESIDUE, TOTAL VOLATILE (MG/L)	721030	0800	28370.0000000	1119C050	543180	
OLYM0060	00505	RESIDUE, TOTAL VOLATILE (MG/L)	721031	0800	31170.0000000	1119C050	543180	
OLYM0060	00505	RESIDUE, TOTAL VOLATILE (MG/L)	721101	0800	31090.0000000	1119C050	543180	
OLYM0060	00505	RESIDUE, TOTAL VOLATILE (MG/L)	721102	0800	28500.0000000	1119C050	543180	
OLYM0060	00505	RESIDUE, TOTAL VOLATILE (MG/L)	721103	0800	30720.0000000	1119C050	543180	
OLYM0060	00505	RESIDUE, TOTAL VOLATILE (MG/L)	721104	0800	31910.0000000	1119C050	543180	
OLYM0060	00505	RESIDUE, TOTAL VOLATILE (MG/L)	721105	0800	28750.0000000	1119C050	543180	
OLYM0060	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721030	0800	480000.0000000	1119C050	543180	
OLYM0060	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721031	0800	510000.0000000	1119C050	543180	
OLYM0060	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721101	0800	530000.0000000	1119C050	543180	
OLYM0060	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721102	0800	490000.0000000	1119C050	543180	
OLYM0060	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721103	0800	460000.0000000	1119C050	543180	
OLYM0060	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721104	0800	470000.0000000	1119C050	543180	
OLYM0060	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	721105	0800	440000.0000000	1119C050	543180	
OLYM0061	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620910	9999	168.0000000	UNIVWASH	JDFA48	
OLYM0061	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620910	9999	171.0000000	UNIVWASH	JDFA48	
OLYM0061	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620911	1153	619.0000000	UNIVWASH	JDFA48	
OLYM0061	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620911	1153	198.0000000	UNIVWASH	JDFA48	
OLYM0061	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620911	1153	383.0000000	UNIVWASH	JDFA48	
OLYM0063	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630308	1616	537.0000000	UNIVWASH	JDFA49	
OLYM0063	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630308	1616	254.0000000	UNIVWASH	JDFA49	
OLYM0063	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630417	1500	188.0000000	UNIVWASH	JDFA49	
OLYM0063	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630417	1500	733.0000000	UNIVWASH	JDFA49	
OLYM0063	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630418	1353	303.0000000	UNIVWASH	JDFA49	
OLYM0063	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630418	1353	197.0000000	UNIVWASH	JDFA49	
OLYM0063	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631029	1103	713.0000000	UNIVWASH	JDFA49	
OLYM0063	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631029	1103	389.0000000	UNIVWASH	JDFA49	
OLYM0064	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720614	1150	4600.0000000	10EPACOP	310034	
OLYM0065	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1245	610.0000000	1119C050	543029	
OLYM0066	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	730724	0907	1040.0000000	10EPACOP	310012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	650713	0927	1055.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	650713	0928	1055.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	650713	0929	1055.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	680715	0905	1515.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	680715	0906	1515.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	680715	0907	1515.0000000	10EPACOP	032012	

Water Quality Observations
Outside STORET Edit Criteria for OLYM

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	690715	0845	177.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	690715	0846	177.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	690715	0847	177.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	710726	0930	570.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	710726	0931	570.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	710726	0932	570.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720510	1013	620.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720614	1033	187.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720614	1034	187.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720614	1035	187.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	740715	1017	265.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	740715	1018	265.0000000	10EPACOP	032012	
OLYM0068	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	740827	1152	4000.0000000	10EPACOP	032012	
OLYM0069	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	690923	1035	2930.0000000	21540000	PAH006	
OLYM0069	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	691118	1100	620.0000000	21540000	PAH006	
OLYM0069	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700216	1155	257.0000000	21540000	PAH006	
OLYM0069	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700216	1155	186.0000000	21540000	PAH006	
OLYM0069	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700316	1235	775.0000000	21540000	PAH006	
OLYM0069	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700414	1200	1500.0000000	21540000	PAH006	
OLYM0069	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700518	1127	1700.0000000	21540000	PAH006	
OLYM0069	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700518	1127	440.0000000	21540000	PAH006	
OLYM0069	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700727	1100	360.0000000	21540000	PAH006	
OLYM0069	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	740911	1250	450.0000000	21540000	PAH006	
OLYM0074	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630417	1507	825.0000000	UNIVWASH	JDFA50	
OLYM0074	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631210	1318	329.0000000	UNIVWASH	JDFA50	
OLYM0075	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630308	1626	281.0000000	UNIVWASH	JDFA55	
OLYM0075	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630308	1626	172.0000000	UNIVWASH	JDFA55	
OLYM0075	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630417	1516	243.0000000	UNIVWASH	JDFA55	
OLYM0075	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631210	1307	789.0000000	UNIVWASH	JDFA55	
OLYM0075	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631210	1307	673.0000000	UNIVWASH	JDFA55	
OLYM0075	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631210	1307	191.0000000	UNIVWASH	JDFA55	
OLYM0079	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1315	1300.0000000	1119C050	543031	
OLYM0082	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1300	370.0000000	1119C050	543030	
OLYM0082	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1302	310.0000000	1119C050	543030	
OLYM0086	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630308	1603	305.0000000	UNIVWASH	JDFA52	
OLYM0093	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	650713	0929	238.0000000	10EPACOP	031418	
OLYM0093	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	650713	0930	238.0000000	10EPACOP	031418	
OLYM0093	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	650713	0931	238.0000000	10EPACOP	031418	
OLYM0095	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700414	1145	530.0000000	21540000	PAH002	
OLYM0099	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620909	1030	167.0000000	UNIVWASH	JDFA59	
OLYM0105	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	690923	1030	155.0000000	21540000	PAH005	

Water Quality Observations
Outside STORET Edit Criteria for OLYM

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
OLYM0105	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700216	1152	1480.0000000	21540000	PAH005	
OLYM0105	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700216	1152	1180.0000000	21540000	PAH005	
OLYM0105	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700617	1113	194.0000000	21540000	PAH005	
OLYM0106	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1451	1000.0000000	1119C050	543035	
OLYM0107	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1423	2000.0000000	1119C050	543034	
OLYM0108	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1525	490.0000000	1119C050	543036	
OLYM0116	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1615	240.0000000	1119C050	543039	
OLYM0117	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	720504	1645	400.0000000	1119C050	543041	
OLYM0118	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700723	1430	204.0000000	1119C050	543037	
OLYM0124	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	640109	1431	206.0000000	UNIVWASH	JDFA63	
OLYM0125	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630626	0844	235.0000000	UNIVWASH	JDFA60	
OLYM0129	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620621	1405	278.0000000	10EPACOP	031226	
OLYM0129	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620621	1406	278.0000000	10EPACOP	031226	
OLYM0129	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	620621	1407	278.0000000	10EPACOP	031226	
OLYM0138	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630417	1646	184.0000000	UNIVWASH	JDFA65	
OLYM0138	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	630417	1646	158.0000000	UNIVWASH	JDFA65	
OLYM0141	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	631029	0817	362.0000000	UNIVWASH	JDFA67	
OLYM0144	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	680327	1314	166.0000000	21540000	PAH004	
OLYM0144	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	690923	1025	726.0000000	21540000	PAH004	
OLYM0144	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700617	1110	213.0000000	21540000	PAH004	
OLYM0144	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700817	1040	310.0000000	21540000	PAH004	
OLYM0144	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700916	1105	193.0000000	21540000	PAH004	
OLYM0146	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	690225	1125	525.0000000	21540000	PAH003	
OLYM0146	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	691015	0955	165.0000000	21540000	PAH003	
OLYM0146	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700216	1145	194.0000000	21540000	PAH003	
OLYM0146	00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	700414	1148	280.0000000	21540000	PAH003	
OLYM0165	71890	MERCURY, DISSOLVED (UG/L AS HG)	780130	1230	13.0000000	112WRD	12045500	
OLYM0167	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	940415	1400	0.0000000	112WRD	12044920	X
OLYM0200	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	940713		38.2000000	11NPSWRD	OLYM_NPS_SD3	
OLYM0200	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	940726		39.0000000	11NPSWRD	OLYM_NPS_SD3	
OLYM0200	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	940817		38.1000000	11NPSWRD	OLYM_NPS_SD3	
OLYM0204	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	541130		55.5000000	112WRD	475808123514701	
OLYM0204	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	671004		48.0000000	112WRD	475808123514701	
OLYM0206	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	671004		44.5000000	112WRD	475808123514702	
OLYM0207	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	671004		42.0000000	112WRD	475808123514704	
OLYM0207	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	680127		45.0000000	112WRD	475808123514704	
OLYM0208	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	671004		50.0000000	112WRD	475808123514703	
OLYM0258	00400	PH (STANDARD UNITS)	851113	1430	0.0000000	112WRD	12040500	X
OLYM0331	00300	OXYGEN, DISSOLVED MG/L	690415	1240	91.0000000	21540000	JDF002	X

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) OLYMTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) OLYMSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) OLYMAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) OLYMAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) OLYMOV0.DOC - Overview of park and retrieved data.

(e) OLYMOV1.DOC - Station period of record table.

(f) OLYMOV2.DOC - Parameter period of record table.

(g) OLYMOV3.DOC - Station/parameter period of record table.

(h) OLYMINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) OLYMSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) OLYMEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) OLYMIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) OLYMBAD.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 OLYMOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\OLYMOV1.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) OLYMFIGS.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 OLYM0001. 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 OLYM0001) 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) OLYMPARM.ZIP

This file compresses OLYMPARM.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) OLYMSITE.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) OLYMWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) OLYMIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) OLYMDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) OLYMGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) OLYMDAMS.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) OLYMMISC.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) OLYMEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) OLYMTOC.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) OLYMREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) OLYMWQ - 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 (OLYMWQA, OLYMWQB, OLYMWQC, etc.) and the index map name will end with an ampersand (&).

(g) OLYMIDG - 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 (OLYMIDGA, OLYMIDGB, OLYMIDGC, 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) OLYMSEHY - 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 OLYMFIGS.ZIP and OLYMTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in OLYMMISC.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) OLYMRF3.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) OLYMWQMW.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: OLYMPARM.DBF in OLYMPARM.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: OLYMPARM.DBF in OLYMPARM.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: OLYMPARM.DBF in OLYMPARM.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: OLYMWQ.DBF in OLYMSITE.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: OLYMWQ.DBF in OLYMSITE.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: OLYMIFD.DBF in OLYMSITE.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: OLYMIFD.DBF in OLYMSITE.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: OLYMIFD.DBF in OLYMSITE.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: OLYMDRIN.DBF in OLYMSITE.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: OLYMDRIN.DBF in OLYMSITE.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: OLYMDRIN.DBF in OLYMSITE.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: OLYMGAGE.DBF in OLYMSITE.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: OLYMGAGE.DBF in OLYMSITE.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: OLYMDAMS.DBF in OLYMSITE.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: OLYMDAMS.DBF in OLYMSITE.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: OLYMDAMS.DBF in OLYMSITE.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: OLYMDAMS.DBF in OLYMSITE.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 OLYMRF3.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 OLYMRF3.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 OLYMRF3.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 OLYMRF3.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 OLYMRF3.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 OLYMRF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20[c]			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20[c]			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20[c]			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020[c]			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20[c]			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[P]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[P]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250[s]			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20[c]			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300[a]	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[t]	TURBIDITY, FIELD	NTU	Physical
	82079				50[t]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-

STORET Code	Conductivity Parameter Group	C.A.S. Number
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-

STORET Code	Dissolved Oxygen Parameter Group	C.A.S. Number
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447

STORET Code	pH Parameter Group	C.A.S. Number
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (μEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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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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