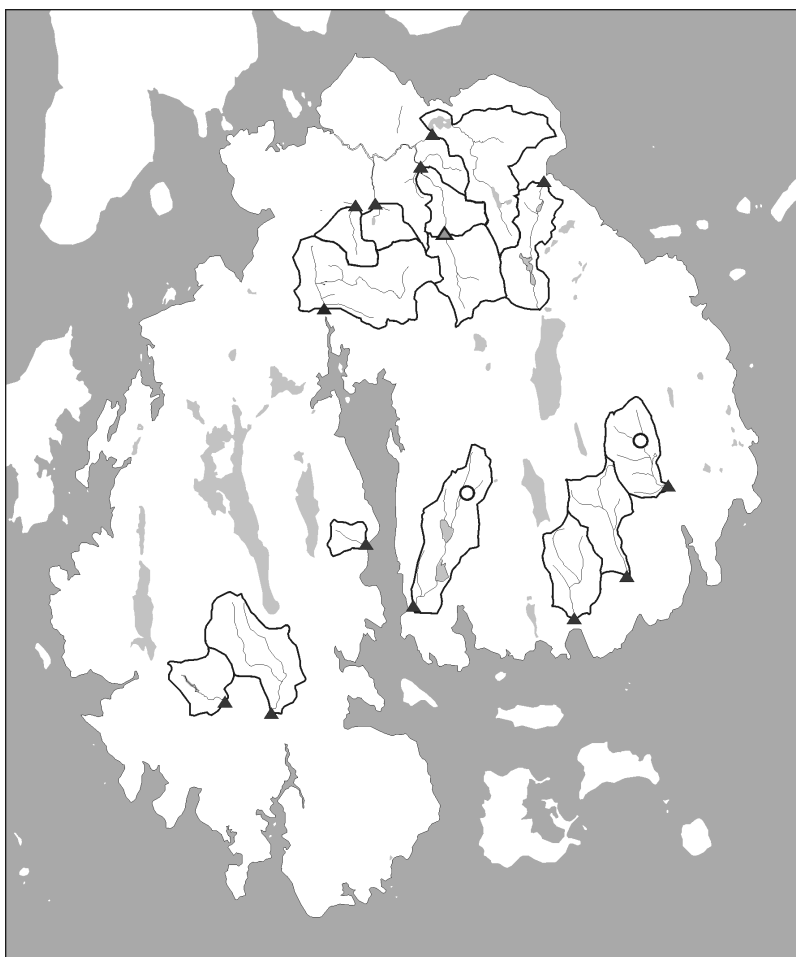


In cooperation with the National Park Service

## Hydrologic Data Collected in Small Watersheds on Mount Desert Island, Maine, 1999-2000

Open-File Report 02-416



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Open-File Report 02-416

By Martha G. Nielsen, James M. Caldwell, Charles W. Culbertson, and Michael Handley

Augusta, Maine  
2002

U.S. DEPARTMENT OF THE INTERIOR  
GALE A. NORTON, Secretary

U.S. GEOLOGICAL SURVEY  
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## CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
<b>Length</b>		
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
<b>Area</b>		
square mile (mi <sup>2</sup> )	2.590	square kilometer
<b>Pressure</b>		
millimeter of mercury at 60 °F (mm Hg)	0.001316	atmosphere

Temperature in degrees Celsius (°C) may be converted to degrees Fahrenheit (°F) as follows:

$$^{\circ}\text{F} = (1.8 \times ^{\circ}\text{C}) + 32$$

**Sea level:** In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

**Altitude,** as used in this report, refers to distance above or below sea level.

**Specific conductance** is given in microsiemens per centimeter at 25 degrees Celsius (μS/cm at 25 °C).

**Concentrations of chemical constituents** in water are given either in milligrams per liter (mg/L), micrograms per liter (μg/L), or microequivalents per liter (μeq/L).

**Other abbreviations used in this report:** nm, nanometer; cc, cubic centimeter; mL, milliliter, μm, micrometer

# Hydrologic Data Collected in Small Watersheds on Mount Desert Island, Maine, 1999-2000

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## ABSTRACT

The US Geological Survey, in cooperation with Acadia National Park, began collecting data for two projects related to nutrient loading to coastal estuaries on Mount Desert Island in 1999. Streamflow data from 16 sites and chemical concentration data from 14 sites in 13 small watersheds on the island are presented in this report. Data were collected from January 1999 to September 2000. Continuous streamflow data from April 1, 1999 to September 30, 2000 at 3 gages in these watersheds are presented. Graphs and tables of 264 monthly streamflow and water-quality analyses from January 1999 to September 2000 at 14 monitoring stations also are presented.

## INTRODUCTION

Mt. Desert Island, located on the coast of Maine, is home to Acadia National Park and many outstanding natural resources. Because of the natural beauty of the area, it is a popular destination for travel but has also experienced an increase in rural housing developments in the late 1990s. The increase in the number of houses and residents has prompted a series of studies of the water resources of Acadia National Park and other areas on Mt. Desert Island.

The US Geological Survey (USGS), in cooperation with the National Park Service at Acadia National Park, began collecting hydrologic data for two projects in 1999. These include streamflow data (either continuous or monthly measurements) and monthly water-quality data at 14 surface-water monitoring stations in 13 watersheds around the Island, and continuous streamflow data at 2 additional stations on the Island (figure 1, table 1). One of the studies is described in Nielsen (2002).

## Description of Study Area

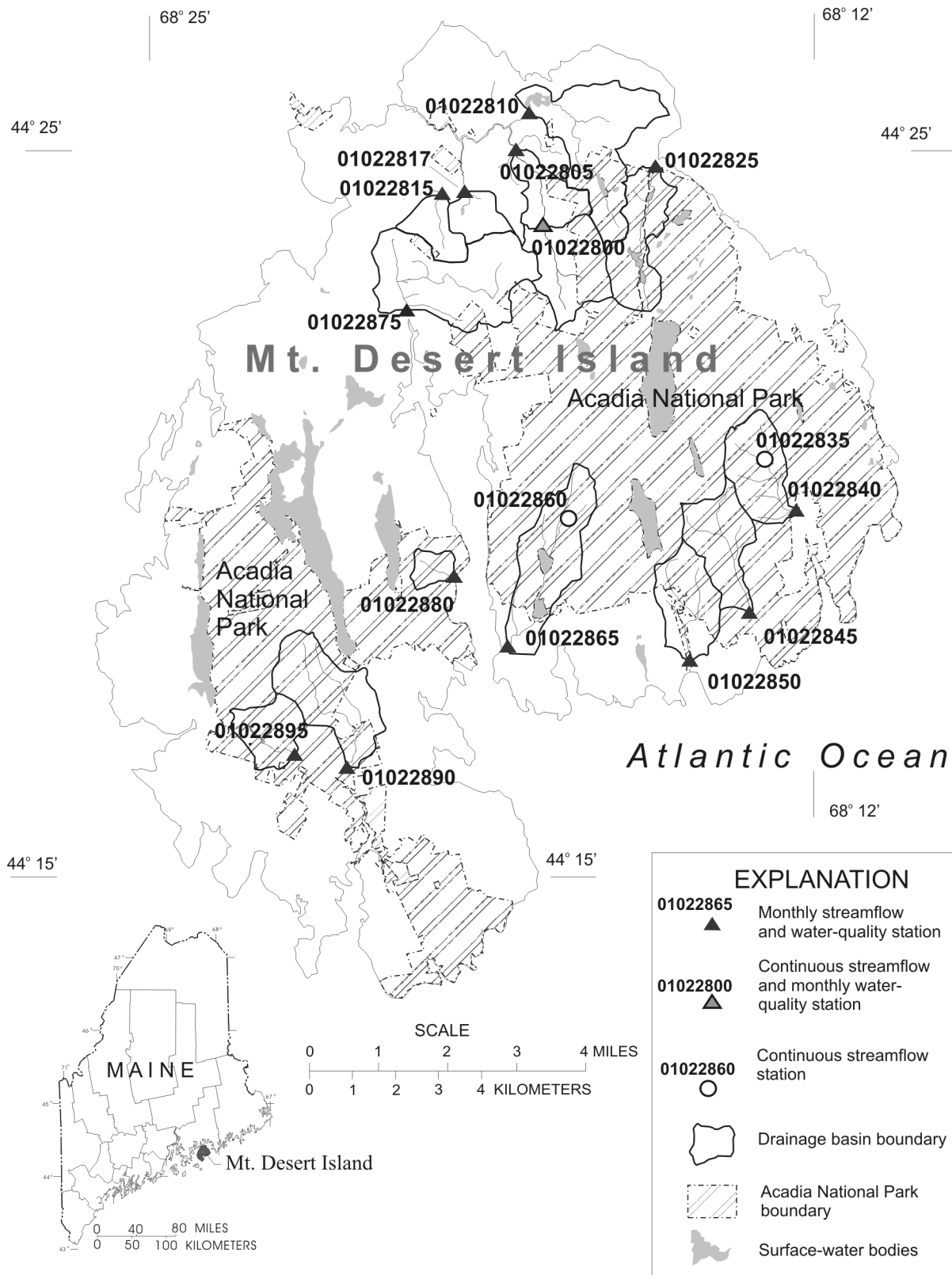
Mt. Desert Island, at 110 mi<sup>2</sup>, is the largest island on the Atlantic coast of the United States north of Cape Cod. Its topography, and that of the stream basins included in this report, ranges from gently rolling hills with slopes of around 5 percent to mountains with slopes greater than 60 percent. Rainfall is about 50 in/yr (National Oceanic and Atmospheric Administration, 1979-1999), which is almost 10 in. more than other coastal areas in Maine. Acadia National Park covers more than 50 percent of the Island. The island is divided into four municipalities (the towns of Bar Harbor, Mount Desert, Southwest Harbor, and Tremont) with a total year-round population of 8,770 in 2000 (U. S. Census Bureau, 2001). Summertime population is much higher, as Acadia National Park receives approximately 2.5 million visitors per year.

## Purpose and Scope

This report provides the hydrologic data collected by the USGS as part of a study on the water resources of Mt. Desert Island, Maine. All freshwater water-quality and streamflow data collected by the USGS on Mt. Desert Island during 1999-2000 are included in this report. The continuous streamflow data also were published in the Maine annual data report (Nielsen and others, 2000; Stewart and others, 2001).

## STREAMFLOW

Streamflow was measured continuously at 3 gaging-station sites and monthly at 13 partial-record sites on Mt. Desert Island. Data-collection began during January and February 1999 and continued through September 2000.



**Figure 1.** Location of Mt. Desert Island study area and surface-water monitoring stations.

**Table 1.** Surface-water monitoring stations on Mt. Desert Island, Maine, 1999-2000[ft, feet; mi<sup>2</sup>, square miles; Rd, road; nr, near; ME, Maine; Hbr, Harbor; WQ, water quality; Altitudes to nearest 10 ft from topographic maps]

Station name	USGS station number	Latitude	Longitude	Altitude in ft above sea level	Drainage area in mi <sup>2</sup>	Type of data
Old Mill Brook at Old Norway Dr nr Bar Harbor, ME	01022800 <sup>a</sup>	44 23 55	68 17 14	100	1.55	Continuous flow and monthly WQ
Old Mill Brook below Crooked Rd nr Bar Harbor, ME	01022805	44 24 52	68 17 44	15	2.42	Monthly flow and WQ
Stony Brook below Hamilton Pond nr Bar Harbor, ME	01022810	44 25 28	68 17 29	18	2.66	Monthly flow and WQ
Aunt Betseys Brook near Bar Harbor, ME	01022815	44 24 22	68 19 10	20	0.63	Monthly flow and WQ
French Hill Brook near Bar Harbor, ME	01022817	44 24 23	68 18 44	20	.56	Monthly flow and WQ
Breakneck Brook near Bar Harbor, ME	01022825	44 24 40	68 15 05	30	1.46	Monthly flow and WQ
Cadillac Brook near Bar Harbor, ME	01022835 <sup>a</sup>	44 20 41	68 13 01	405	.123	Continuous flow
Otter Creek near Bar Harbor, ME	01022840	44 19 58	68 12 26	90	1.35	Monthly flow and WQ
Hunters Brook near Seal Harbor, ME	01022845	44 18 34	68 13 21	70	1.37	Monthly flow and WQ
Stanley Brook near Seal Harbor, ME	01022850	44 18 20	68 14 35	110	1.36	Monthly flow and WQ
Hadlock Brook nr Cedar Swamp Mtn nr Northeast Hbr, ME	01022860 <sup>a</sup>	44 19 54	68 16 48	560	.182	Continuous flow
Hadlock Brook at Sargent Dr at Northeast Harbor, ME	01022865	44 18 08	68 17 59	25	2.14	Monthly flow and WQ
Kitteredge Brook near Bar Harbor, ME	01022875	44 22 46	68 19 52	15	2.84	Monthly flow and WQ
Man of War Brook near Southwest Harbor, ME	01022880	44 19 06	68 19 00	80	.32	Monthly flow and WQ
Marshall Brook near Southwest Harbor, ME	01022890	44 16 29	68 21 05	30	1.97	Monthly flow and WQ
Heath Brook near Tremont, ME	01022895	44 16 40	68 22 05	85	.91	Monthly flow and WQ

a - Additional station data published in Stewart and others, 2001



## Methods

All data were collected using USGS methods described in Carter and Davidian (1968) and in Rantz and others (1982). Continuous stage at Old Mill Brook at Old Norway Rd. (referred to as the “Upper Old Mill Brook” station), Cadillac Brook, and the upper Hadlock Brook site was measured by a pressure transducer recording at 15-minute intervals with an electronic data logger. Monthly streamflow measurements were used to develop a rating curve, which provides the streamflow associated with a particular stage. The daily mean streamflow was computed as the arithmetic mean of the streamflows associated with the recorded stages for each day. The data were estimated when the stage-streamflow relationship was affected by ice, or when the stage data was missing or doubtful due to instrument problems. Data collected at the other 13 sites consisted of monthly measurements of streamflow collected using a pygmy meter or volumetric methods.

### Streamflow Data

Continuous streamflow data for the continuous-record sites on Old Mill Brook, Cadillac Brook, and the upper Hadlock Brook site are presented in Appendix 1. Monthly discharge measurements for the 13 partial-record sites are included with the water-quality data in Appendix 2.

## WATER QUALITY

Water-quality samples were collected monthly at 14 sites on 13 streams on Mt. Desert Island. Discrete field measurements of pH, specific conductance, temperature, and dissolved oxygen were made at the time of sample collection. The samples were analyzed for major ions, dissolved organic carbon (DOC), dissolved inorganic carbon (DIC), aluminum and nutrients [(nitrate (NO<sub>3</sub>), ammonia (NH<sub>4</sub>), silica (SiO<sub>2</sub>), total nitrogen and total phosphorous)] at the University of Maine, Orono, Water Research Institute (now the Senator George J. Mitchell Center for Environmental and Watershed Research). Samples were collected for water-quality analysis starting in January 1999 to September 2000. A list of constituents and reporting limits is given in table 2.

## Methods

### Field Methods

Unfiltered grab samples were collected at each measuring station. Two 500-mL Nalgene bottles, two 60-cc plastic syringes, and one 125-mL amber glass bottle were field rinsed and filled to the top, leaving no headspace. All sample bottles and syringes were acid-washed prior to sample collection. Samples were kept on ice until delivered to the laboratory within 12 to 48 hours of collection.

Field values were measured at the time of sample collection using either a Yellow Springs Instruments (YSI) model 600XL multiparameter sonde or a Hydrolab Minisonde 4a, equipped with temperature, conductivity, pH, and dissolved oxygen sensors. All sensors were calibrated at least twice a day using standards selected to bracket the expected range of field values.

### Laboratory Methods

*Nutrients:* Nitrate and ammonia samples were filtered through 0.4- $\mu$ m polycarbonate filters in the University of Maine laboratory within 48 hours of collection and stored at 4° C until analyzed. Nitrate samples were analyzed within 7 days. Ammonia samples were acidified and analyzed within 28 days. Nitrate was measured by ion chromatography (US Environmental Protection Agency, 1993). Ammonia was determined colorimetrically at 660-nm on an autoanalyzer (Morrison, 1989). Unfiltered samples for total nitrogen and total phosphorous were stored at 4° C and analyzed within 28 days. Total nitrogen was determined using an alkaline persulfate digestion followed by colorimetric detection at 540-nm on an autoanalyzer (US Environmental Protection Agency, 1987). Total phosphorous was determined according to standard method 4500-E (American Public Health Association and others, 1998). Samples for dissolved silica were filtered through 0.4- $\mu$ m polycarbonate filters and determined colorimetrically (US Environmental Protection Agency, 1987).

*Dissolved Organic and Inorganic Carbon (DOC & DIC):* Samples for DOC and DIC analysis were filtered through 0.4- $\mu$ m polycarbonate filters within 48 hours of collection and stored at 4° C until analyzed. EPA Method 415.1 (US Environmental Protection Agency, 1979) was used for DOC determinations. DIC was determined according to EPA Method 13.0 (US

**Table 2.** Constituent list and minimum reporting limits for chemical analyses at Mt. Desert Island stations.

[°C, degrees Celsius; na, not applicable; ft<sup>3</sup>/s, cubic feet per second; µs/cm, microsiemens per centimeter; mg/L, milligrams per liter; mm, millimeter; µeq/L, microequivalents per liter; µg/L, micrograms per liter; N, nitrogen]

Parameter code	Constituent name	Minimum reporting limit
00010	Temperature, water (°C)	0.1 °C
00080	Color (Platinum-Cobalt)	na
00025	Barometric pressure (mm of mercury)	na
00061	Discharge, instantaneous (cubic feet per second)	0.001 ft <sup>3</sup> /s
00094	Specific conductance, field (µs/cm at 25 °C)	1. µs/cm
00300	Oxygen, dissolved (mg/L)	0.1 mg/L
00301	Oxygen, dissolved (percent of saturation)	1. percent
00400	pH, field, unfiltered water (standard units)	na
00409	Acid neutralizing capacity (ANC), water, unfiltered, by gran titration, (µeq/L)	na
00665	Phosphorus, total (mg/L)	0.001 mg/L
00681	Carbon, organic , dissolved (mg/L)	0.5 mg/L
00691	Carbon, inorganic , dissolved (mg/L)	0.5 mg/L
00915	Calcium , dissolved (mg/L)	0.05 mg/L
00925	Magnesium , dissolved (mg/L)	0.05 mg/L
00930	Sodium, dissolved (mg/L)	0.05 mg/L
00935	Potassium , dissolved (mg/L)	0.05 mg/L
00940	Chloride , dissolved (mg/L)	0.1 mg/L
00945	Sulfate , dissolved (mg/L as SO <sub>4</sub> )	0.2 mg/L
00955	Silica , dissolved (mg/L as SiO <sub>2</sub> )	0.5 mg/L
01106	Aluminum , dissolved (µg/L)	10 µg/L
49288	Aluminum, monomeric, organic, water, unfiltered (µg/L)	10 µg/L
49287	Aluminum, monomeric, water, unfiltered (µg/L)	10 µg/L
71846	Nitrogen, ammonia , dissolved (mg/L as NH <sub>4</sub> )	0.05 mg/L
00600	Nitrogen, total (mg/L as N)	0.01 mg/L
00618	Nitrogen, nitrate , dissolved (mg/L as N)	0.01 mg/L

Environmental Protection Agency, 1987). Samples were analyzed using a total organic carbon (TOC) analyzer.

*Dissolved Anions:* Samples for anion analysis (chloride, sulfate) were filtered through 0.4-µm polycarbonate filters and stored at 4° C prior to analysis by ion chromatography (US Environmental Protection Agency, 1993). Holding time for anion samples (other than nitrate) was 28 days.

*Dissolved Cations and Aluminum:* Dissolved cation and aluminum samples were filtered through 0.4-µm polycarbonate filters into acid-cleaned HDPE bottles and acidified to pH < 2.0 with concentrated

Optima nitric acid. Holding time for these samples was up to 6 months at 4° C. Samples were analyzed by ultrasonic nebulization inductively coupled plasma-atomic emission spectrometry (ICP-AES), (US Environmental Protection Agency, 1994).

*Alkalinity as Acid Neutralizing Capacity (ANC):* Alkalinity, as ANC, of the samples was determined according to standard method 2320 (American Public Health Association and others, 1998), in conjunction with an EPA alkalinity titration method (US Environmental Protection Agency, 1987).

*Color:* Samples for color determination were filtered through 0.4- $\mu$ m polycarbonate filters using an all plastic filtration apparatus. Color was determined according to standard method 2120 (American Public Health Association and others, 1998).

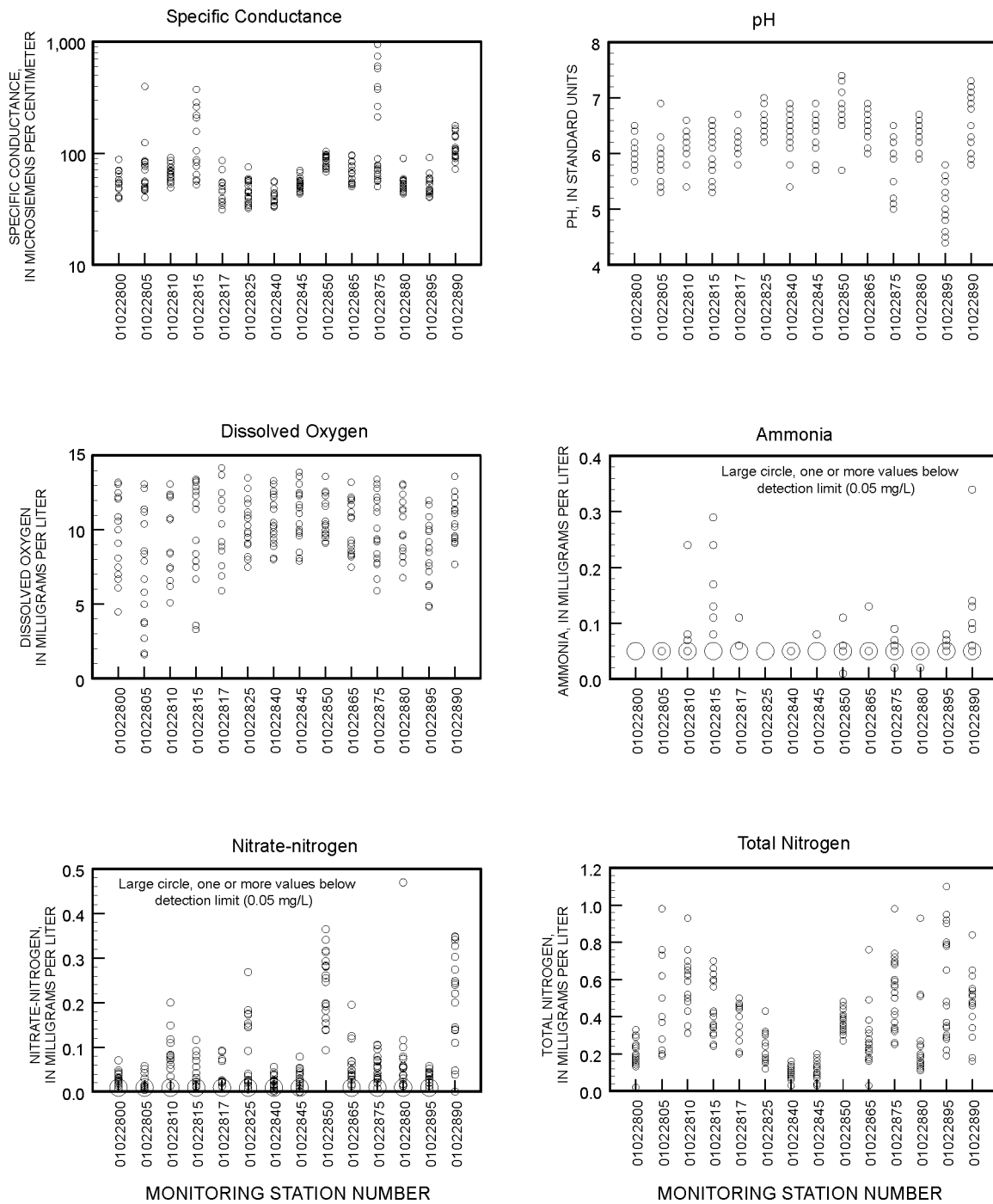
The University of Maine at Orono laboratory participates in the USGS standard reference sample program (Long and others, 1998) for nutrients and other inorganic constituents. Although this is not a certification program, laboratories providing data to the USGS are required to participate. The program is used to detect and correct possible analytical deficiencies and problems.

## Water-Quality Data

Water samples were collected monthly from February 1999 to September 2000 at all the sites except Old Mill Brook at Crooked Road (01022805), Aunt Betsey's Brook (01022815), French Hill Brook (01022817), and Stony Brook (01022810). At these sites, sample collection began in April 1999 and ended in September 2000. Two sites, Kitteredge Brook (01022875), and Stanley Brook (01022850) had their first sample collected in January 1999. All the water-quality analyses performed on the samples collected from January 1999 to September 2000 are tabulated in Appendix 2. The table is organized by station and date. In addition, plots of most water-quality constituents are shown in figures 2 to 4. These plots show the distribution of values for selected constituents by station, so that contrasts in concentrations between stations can be seen.

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**Figure 2.** Distribution of specific conductance, pH, dissolved oxygen, and nitrogen species by monitoring station. (Station information appears in table 1 and figure 1.)

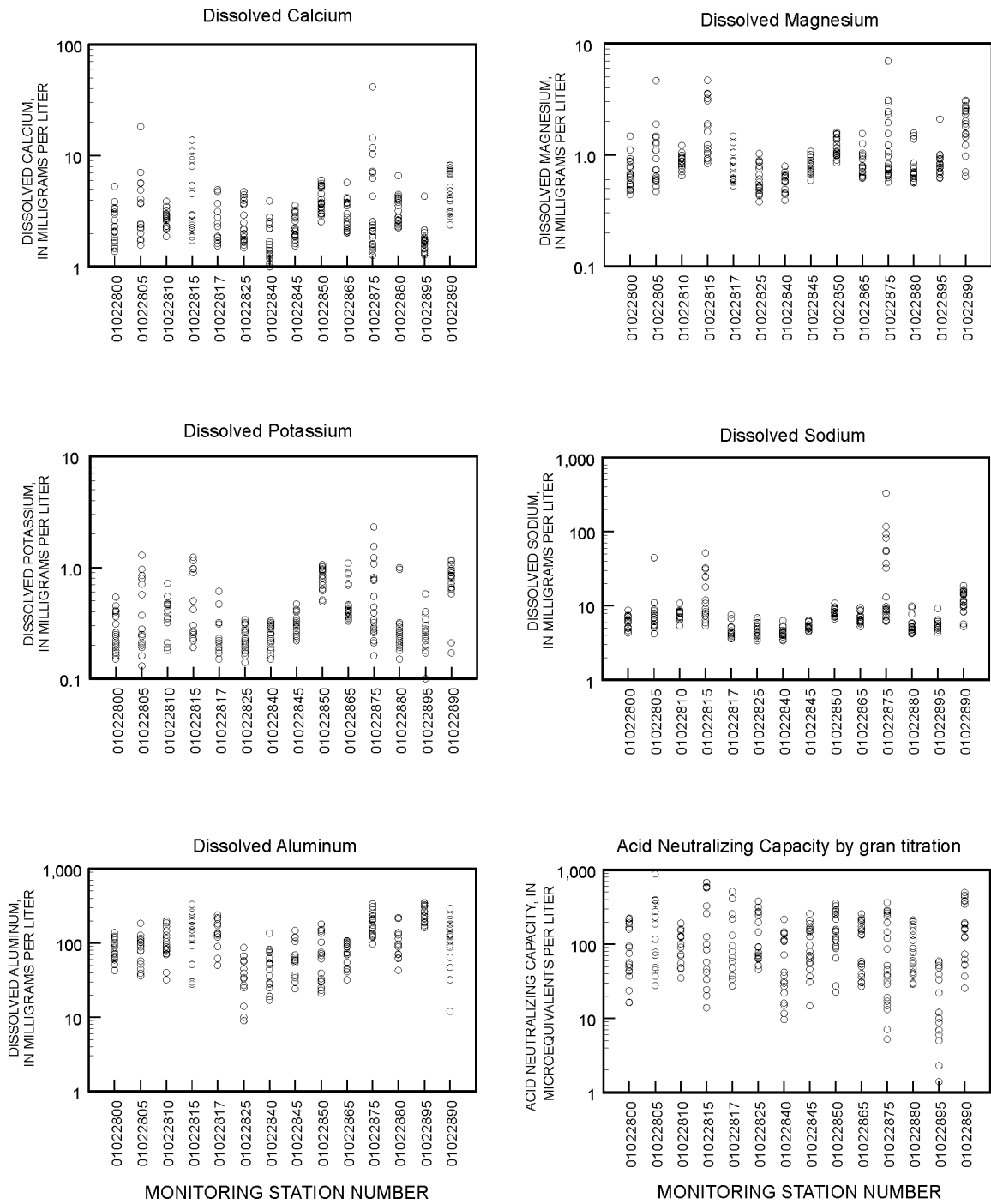


Figure 3. Distribution of major cations and acid neutralizing capacity by monitoring station. (Station information appears in table 1 and figure 1.)

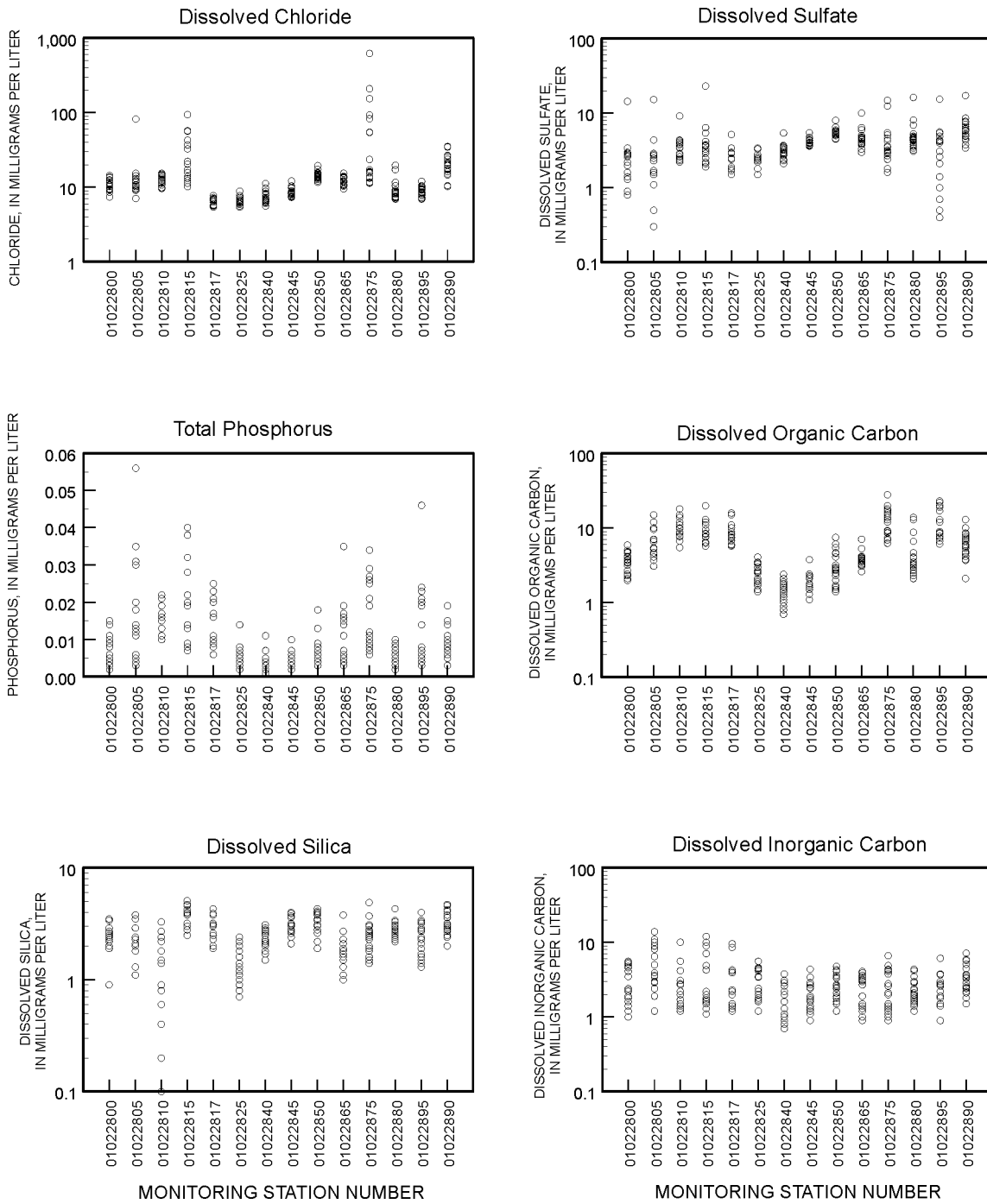


Figure 4. Distribution of major anions and carbon species by monitoring station. (Station information appears in table 1 and figure 1.)



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**APPENDIX 1:**

**DAILY MEAN STREAMFLOW DATA FOR CONTINUOUS DISCHARGE STATIONS ON  
MT. DESERT ISLAND, MAINE, 1999-2000**

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01022800 OLD MILL BROOK AT OLD NORWAY DR NR BAR HARBOR, ME

LOCATION.-- Lat 44°23'55", long 68°17'14.5", Hancock County, Hydrologic Unit 01050002, on right bank, 100 ft upstream from Old Norway Drive and 1.7 miles upstream from Northeast Creek. Datum 100 ft above sea level.

DRAINAGE AREA.--1.55 mi<sup>2</sup>.

PERIOD OF RECORD.--April 1999 to September 1999.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	e5.8	.47	.31	.06	.001	.000
2	---	---	---	---	---	---	e4.5	.44	.29	.14	.001	.000
3	---	---	---	---	---	---	3.8	.42	.28	.32	.000	.000
4	---	---	---	---	---	---	4.4	.48	.24	.10	.000	.000
5	---	---	---	---	---	---	3.4	1.3	.19	.06	.000	.000
6	---	---	---	---	---	---	2.9	.92	.17	.05	.000	.000
7	---	---	---	---	---	---	2.7	.70	.22	.09	.000	.000
8	---	---	---	---	---	---	2.6	.61	1.1	.05	.000	.000
9	---	---	---	---	---	---	2.5	2.0	1.2	.08	.001	.000
10	---	---	---	---	---	---	2.1	1.2	.40	.08	.000	.000
11	---	---	---	---	---	---	1.8	.79	.26	.08	.000	.000
12	---	---	---	---	---	---	1.7	.59	.20	.03	.000	.000
13	---	---	---	---	---	---	1.6	.51	.17	.02	.000	.000
14	---	---	---	---	---	---	1.5	.46	.16	.02	.001	.000
15	---	---	---	---	---	---	1.4	.41	.16	.03	.002	.000
16	---	---	---	---	---	---	1.3	.36	.12	.007	.003	.000
17	---	---	---	---	---	---	1.3	.34	.09	.004	.004	1.8
18	---	---	---	---	---	---	1.2	.33	.10	.004	.004	1.5
19	---	---	---	---	---	---	1.1	.31	.09	.004	.003	.34
20	---	---	---	---	---	---	1.0	4.4	.07	.004	.002	.16
21	---	---	---	---	---	---	.95	3.0	.05	.003	.002	.11
22	---	---	---	---	---	---	.90	1.3	.05	.003	.003	21
23	---	---	---	---	---	---	.82	.92	.13	.003	.002	11
24	---	---	---	---	---	---	.72	.85	.09	.003	.000	4.5
25	---	---	---	---	---	---	.67	3.1	.09	.003	.000	2.6
26	---	---	---	---	---	---	.67	1.7	.06	.003	.000	1.9
27	---	---	---	---	---	---	.81	1.2	.04	.003	.000	1.3
28	---	---	---	---	---	---	.65	.86	.03	.002	.000	.97
29	---	---	---	---	---	---	.56	.65	.28	.002	.000	.82
30	---	---	---	---	---	---	.52	.51	.14	.001	.000	.74
31	---	---	---	---	---	---	---	.40	---	.001	.000	---
TOTAL	---	---	---	---	---	---	55.87	31.53	6.78	1.260	0.029	48.740
MEAN	---	---	---	---	---	---	1.86	1.02	.23	.041	.001	1.62
MAX	---	---	---	---	---	---	5.8	4.4	1.2	.32	.004	21
MIN	---	---	---	---	---	---	.52	.31	.03	.001	.000	.000

e Estimated

01022800 OLD MILL BROOK AT OLD NORWAY DR NR BAR HARBOR, ME

LOCATION.-- Lat 44°23'55", long 68°17'14.5", Hancock County, Hydrologic Unit 01050002, on right bank, 100 ft upstream from Old Norway Drive and 1.7 miles upstream from Northeast Creek. Datum 100 ft above sea level.

DRAINAGE AREA.--1.55 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1999 to September 2000.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.73	1.6	3.0	1.1	e2.3	8.2	4.4	2.7	e1.8	e.24	.01	.02
2	.53	1.4	2.6	1.5	e2.0	8.2	3.8	2.4	e1.5	e.18	.01	.02
3	.46	13	2.3	2.9	e1.7	8.9	3.8	2.1	e1.2	e.12	.02	.02
4	1.2	13	2.1	3.2	e1.5	10	7.9	1.9	e.96	e.12	.02	.05
5	1.8	5.9	2.0	16	e1.3	7.1	7.2	1.8	e.82	e.15	.009	.09
6	1.6	4.1	1.9	6.8	e1.2	5.5	5.1	1.6	e.72	e.15	.006	.10
7	1.2	3.1	24	4.8	e1.2	4.5	4.0	1.6	e1.7	e.15	.008	.08
8	.86	2.5	22	3.7	e1.1	3.9	3.4	1.8	e1.4	e.15	.01	.05
9	1.1	2.1	8.3	3.1	e1.0	3.9	3.6	3.7	e1.2	e.15	.01	.04
10	.98	2.1	6.1	3.6	e1.0	3.9	3.2	6.2	e1.1	e.50	.02	.03
11	1.2	2.0	15	26	e1.3	3.0	2.5	11	e.92	e.30	.02	.02
12	.81	1.6	11	8.8	e1.8	17	3.5	7.8	e.81	e.20	.01	.02
13	.69	2.9	7.7	5.2	e1.4	15	2.7	4.8	e.76	e.16	.02	.03
14	5.1	4.5	5.7	3.1	e9.5	7.4	2.2	5.2	e.71	e.11	.02	.04
15	4.3	11	4.5	1.9	e18	6.2	2.1	3.8	e.68	e.09	.02	.08
16	2.6	5.4	4.6	e1.6	8.8	5.7	2.0	2.9	e.64	e2.5	.03	.29
17	2.1	3.7	4.1	e1.4	5.4	5.3	1.7	2.5	e.68	e2.8	.05	.12
18	4.8	2.8	3.2	e1.2	3.7	4.1	1.6	3.0	e.62	e1.0	.10	.06
19	4.0	2.4	2.6	e1.1	3.1	3.7	1.6	4.7	e.55	e.60	.04	.04
20	3.0	2.3	2.3	e.99	2.7	3.5	1.6	2.9	e.49	e.31	.06	.03
21	4.2	8.1	8.6	e.92	2.3	3.7	1.4	2.4	e.44	.16	.06	.04
22	2.9	5.0	5.8	e.86	2.1	4.6	14	2.1	e.75	.12	.07	.03
23	25	3.8	4.0	e.80	2.9	5.5	65	3.1	e.45	.16	.07	.05
24	13	3.3	3.0	e.76	5.6	5.6	75	e9.5	e.34	.08	.10	.22
25	6.2	3.0	2.2	e.75	6.3	4.8	18	e16	e.27	.02	.09	.17
26	4.3	3.2	2.1	e1.8	4.9	4.6	8.5	e8.5	e.26	.01	.03	.06
27	3.3	8.0	2.0	e1.5	9.7	3.6	6.3	e6.0	e.22	.01	.03	.02
28	2.6	8.5	1.5	e1.4	23	14	5.0	e5.4	e.19	.12	.02	.02
29	2.3	5.1	1.4	e1.2	13	15	4.0	e3.0	e.19	.06	.02	.01
30	1.9	3.7	1.4	e1.0	---	8.0	3.3	e2.5	e.19	.02	.02	.01
31	1.8	---	1.3	e2.1	---	5.6	---	e2.1	---	.01	.02	---
TOTAL	106.56	139.1	168.3	111.08	139.8	210.0	268.4	135.0	22.56	10.75	1.023	1.86
MEAN	3.44	4.64	5.43	3.58	4.82	6.77	8.95	4.35	.75	.35	.033	.062
MAX	25	13	24	26	23	17	75	16	1.8	2.8	.10	.29
MIN	.46	1.4	1.3	.75	1.0	3.0	1.4	1.6	.19	.01	.006	.01

e Estimated

01022835 CADILLAC BROOK NEAR BAR HARBOR, ME

LOCATION.--Lat 44°20'41", long 68°13'01", Hancock County, Hydrologic Unit 01050002, on right bank 500 ft upstream from confluence with Otter Creek and 0.5 mi southeast of Cadillac Mountain.

DRAINAGE AREA.--0.123 mi<sup>2</sup>. Furnished by University of Maine.

PERIOD OF RECORD.--May 1999 to September 1999.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	.03	.003	.000	.000
2	---	---	---	---	---	---	---	---	.03	.006	.000	.000
3	---	---	---	---	---	---	---	---	.03	.004	.000	.000
4	---	---	---	---	---	---	---	---	.02	.003	.000	.000
5	---	---	---	---	---	---	---	---	.02	.003	.000	.000
6	---	---	---	---	---	---	---	---	.02	.004	.000	.000
7	---	---	---	---	---	---	---	---	.02	.003	.000	.000
8	---	---	---	---	---	---	---	---	.03	.001	.001	.000
9	---	---	---	---	---	---	---	---	.03	.001	.004	.000
10	---	---	---	---	---	---	---	---	.02	.002	.002	.000
11	---	---	---	---	---	---	---	.31	.02	.001	.000	.000
12	---	---	---	---	---	---	---	.18	.02	.000	.000	.000
13	---	---	---	---	---	---	---	.10	.02	.000	.000	.000
14	---	---	---	---	---	---	---	.08	.02	.001	.000	.000
15	---	---	---	---	---	---	---	.06	.02	.000	.006	.000
16	---	---	---	---	---	---	---	.06	.01	.000	.004	.001
17	---	---	---	---	---	---	---	.05	.01	.000	.000	2.3
18	---	---	---	---	---	---	---	.05	.01	.000	.000	1.7
19	---	---	---	---	---	---	---	.04	.01	.000	.000	.43
20	---	---	---	---	---	---	---	.47	.01	.000	.000	.22
21	---	---	---	---	---	---	---	.55	.01	.000	.000	.28
22	---	---	---	---	---	---	---	.22	.01	.000	.000	7.9
23	---	---	---	---	---	---	---	.12	.009	.000	.000	1.5
24	---	---	---	---	---	---	---	.09	.008	.000	.000	.74
25	---	---	---	---	---	---	---	1.1	.008	.001	.000	.48
26	---	---	---	---	---	---	---	.50	.007	.001	.000	.41
27	---	---	---	---	---	---	---	.26	.006	.001	.000	.29
28	---	---	---	---	---	---	---	.13	.005	.000	.000	.22
29	---	---	---	---	---	---	---	.07	.006	.000	.000	.18
30	---	---	---	---	---	---	---	.05	.005	.000	.000	.17
31	---	---	---	---	---	---	---	.04	---	.000	.000	---
TOTAL	---	---	---	---	---	---	---	---	0.474	0.035	0.017	16.821
MEAN	---	---	---	---	---	---	---	---	.016	.001	.001	.56
MAX	---	---	---	---	---	---	---	---	.03	.006	.006	7.9
MIN	---	---	---	---	---	---	---	---	.005	.000	.000	.000

01022835 CADILLAC BROOK NEAR BAR HARBOR, ME

LOCATION.--Lat 44°20'41", long 68°13'01", Hancock County, Hydrologic Unit 01050002, on right bank 500 ft upstream from confluence with Otter Creek and 0.5 mi southeast of Cadillac Mountain.

DRAINAGE AREA.--0.123 mi<sup>2</sup>. Furnished by University of Maine.

PERIOD OF RECORD.--October 1999 to September 2000.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.16	.07	.10	.02	.07	.36	.32	.08	.05	.02	.01	.004
2	.15	.06	.08	.02	.05	.60	.24	.06	.04	.01	.02	.004
3	.13	2.4	.07	.11	.04	.46	.22	.06	.04	.01	.02	.004
4	.21	.74	.06	.46	.03	.35	1.2	.05	.03	.01	.01	.007
5	.49	.25	.07	2.3	.03	.23	.71	.05	.03	.01	.01	.005
6	.43	.13	.07	.21	.02	.16	.34	.04	.03	.01	.01	.004
7	.34	.08	3.9	.13	.02	e.16	.21	.04	.06	.01	.01	.004
8	.28	.06	1.1	.08	e.02	e.19	.15	.04	.07	.01	.01	.004
9	.33	.05	.30	.06	.02	e.48	.27	.12	.04	.01	.01	.003
10	.36	.05	.19	.15	.02	e.75	.35	.63	.03	.01	.01	.002
11	.73	.04	1.3	1.5	.04	e.30	.19	1.5	.03	.01	.01	.002
12	.46	.04	.52	.34	.19	e3.3	.26	.49	.03	.01	.01	.003
13	.31	.16	.43	.11	.06	e.90	.22	.22	.03	.01	.01	.006
14	2.0	1.5	.27	e.07	3.7	e.30	.14	.18	.02	.009	.01	.004
15	.77	1.3	.16	e.06	1.5	.31	.11	.14	.02	.008	.01	.006
16	.45	.29	.25	e.05	.28	.49	.08	.08	.03	1.1	.01	.008
17	.40	.15	.32	.04	e.13	.35	.07	.06	.02	1.4	.01	.007
18	1.2	.09	.15	.02	e.08	.22	.06	.08	.02	.30	.01	.008
19	.66	.07	.08	.02	.06	.16	.05	.34	.02	.14	.01	.009
20	.45	.07	.06	.02	.04	.14	.06	.16	.02	.06	.01	.01
21	.75	.43	.88	.02	.04	.15	.05	.09	.02	.04	.009	.01
22	.47	.24	.33	.02	.03	.32	2.7	.07	.02	.03	.008	.008
23	2.8	.14	.14	.02	.05	.47	4.8	.08	.02	.03	.008	.008
24	.55	.26	.07	.02	.84	.49	3.9	.82	.02	.02	.009	.23
25	.25	.44	.05	.02	.58	.39	.75	1.2	.02	.02	.007	.10
26	.17	.50	.05	.03	.26	.44	.33	.51	.02	.02	.007	.03
27	.13	2.5	.04	.03	2.2	.34	.22	.22	.02	.02	.007	.02
28	.09	.66	.03	.03	2.9	1.8	.18	.13	.01	.02	.006	.02
29	.07	.26	.03	.03	.70	.83	.14	.08	.01	.02	.005	.02
30	.06	.14	.03	.03	---	.39	.10	.07	.01	.02	.005	.02
31	.06	---	.02	.04	---	.32	---	.06	---	.02	.005	---
TOTAL	15.71	13.17	11.15	6.06	14.00	16.15	18.42	7.75	0.83	3.417	0.296	0.570
MEAN	.51	.44	.36	.20	.48	.52	.61	.25	.028	.11	.010	.019
MAX	2.8	2.5	3.9	2.3	3.7	3.3	4.8	1.5	.07	1.4	.02	.23
MIN	.06	.04	.02	.02	.02	.14	.05	.04	.01	.008	.005	.002

e Estimated

01022860 HADLOCK BROOK NEAR CEDAR SWAMP MOUNTAIN NEAR NORTHEAST HARBOR, ME

LOCATION.--Lat 44°19'54", long 68°16'48", Hancock County, Hydrologic Unit 01050002, on right bank 300 ft upstream from carriage road in Acadia National Park, 0.3 mi northwest of Cedar Swamp Mountain.

DRAINAGE AREA.--0.182 mi<sup>2</sup>. Furnished by the University of Maine.

PERIOD OF RECORD.--April 1999 to September 1999.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	.11	.08	.01	.004	.000
2	---	---	---	---	---	---	---	.10	.07	.04	.003	.000
3	---	---	---	---	---	---	---	.10	.07	.04	.000	.000
4	---	---	---	---	---	---	---	.10	.06	.02	.000	.000
5	---	---	---	---	---	---	---	.15	.05	.01	.001	.000
6	---	---	---	---	---	---	---	.16	.05	.02	.003	.000
7	---	---	---	---	---	---	---	.15	.05	.02	.006	.000
8	---	---	---	---	---	---	---	.15	.13	.01	.02	.003
9	---	---	---	---	---	---	---	.79	.06	.009	.01	.006
10	---	---	---	---	---	---	---	.47	.06	.01	.004	.008
11	---	---	---	---	---	---	---	.28	.05	.01	.002	.06
12	---	---	---	---	---	---	---	.19	.05	.008	.004	.01
13	---	---	---	---	---	---	---	.16	.04	.009	.005	.004
14	---	---	---	---	---	---	---	.13	.05	.007	.008	.003
15	---	---	---	---	---	---	---	.11	.05	.006	.01	.003
16	---	---	---	---	---	---	---	.09	.04	.005	.008	.19
17	---	---	---	---	---	---	---	.08	.03	.004	.005	4.1
18	---	---	---	---	---	---	---	.07	.03	.003	.005	2.2
19	---	---	---	---	---	---	---	.07	.02	.005	.002	.35
20	---	---	---	---	---	---	---	1.2	.02	.005	.001	.17
21	---	---	---	---	---	---	---	.74	.02	.002	.001	.38
22	---	---	---	---	---	---	---	.28	.01	.002	.004	10.6
23	---	---	---	---	---	---	---	.18	.01	.003	.003	2.3
24	---	---	---	---	---	---	---	.17	.01	.002	.000	.73
25	---	---	---	---	---	---	---	1.8	.01	.006	.000	.41
26	---	---	---	---	---	---	---	.58	.01	.006	.000	.33
27	---	---	---	---	---	---	---	.32	.009	.005	.000	.20
28	---	---	---	---	---	---	.14	.20	.01	.002	.001	.16
29	---	---	---	---	---	---	.14	.15	.02	.001	.001	.14
30	---	---	---	---	---	---	.12	.13	.01	.001	.000	.13
31	---	---	---	---	---	---	---	.10	---	.003	.000	---
TOTAL	---	---	---	---	---	---	---	9.31	1.179	0.284	0.111	22.487
MEAN	---	---	---	---	---	---	---	.30	.039	.009	.004	.75
MAX	---	---	---	---	---	---	---	1.8	.13	.04	.02	10.6
MIN	---	---	---	---	---	---	---	.07	.009	.001	.000	.000

01022860 HADLOCK BROOK NEAR CEDAR SWAMP MOUNTAIN NEAR NORTHEAST HARBOR, ME

LOCATION.--Lat 44°19'54", long 68°16'48", Hancock County, Hydrologic Unit 01050002, on right bank 300 ft upstream from carriage road in Acadia National Park, 0.3 mi northwest of Cedar Swamp Mountain.

DRAINAGE AREA.--0.182 mi<sup>2</sup>. Furnished by the University of Maine.

PERIOD OF RECORD.--October 1999 to September 2000.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.10	.11	.26	e.04	.21	.78	.50	.20	.15	.03	.01	.006
2	.07	.09	.19	e.04	.16	1.1	.43	.17	.12	.02	.02	.009
3	.06	2.8	.16	e.12	.13	.83	.43	.14	.10	.01	.02	.01
4	.11	1.6	.15	e.43	.11	.57	2.3	.13	.08	.01	.02	.03
5	.19	.48	.14	4.7	.09	.44	1.9	.12	.07	.02	.009	.01
6	.17	.30	.14	.79	.09	.31	.75	.10	.06	.01	.007	.009
7	.13	.21	4.1	.38	.08	.28	.46	.09	.23	.02	.02	.008
8	.09	.16	2.4	.27	.08	.31	.37	.09	.17	.02	.02	.008
9	.11	.13	.68	.21	.06	.66	.47	.29	.12	.02	.02	.007
10	.11	.13	.43	.53	.06	1.1	.48	.83	.09	.10	.02	.005
11	.35	.11	2.8	3.5	.15	e.43	.33	2.3	.08	.04	.02	.005
12	.19	.10	1.4	.84	.26	5.0	.39	.91	.07	.03	.01	.008
13	.13	.19	.99	.40	.14	1.8	.31	.42	.07	.02	.01	.03
14	2.4	1.7	.53	e.26	e6.0	.78	.25	.40	.06	.02	.01	.01
15	.91	2.2	.35	e.18	2.5	.63	.21	.29	.06	.01	.03	.08
16	.40	.58	.43	e.14	.61	1.4	.20	.21	.05	1.8	.04	.09
17	.29	.32	.47	e.13	.34	1.7	.17	.17	.06	1.9	.04	.03
18	1.5	.23	.31	e.11	e.26	.86	.15	.21	.06	.39	.02	.02
19	.68	.19	.22	e.10	.18	.37	.14	.43	.05	.23	.02	.01
20	.44	.16	.19	.09	.16	.32	.14	.24	.05	.12	.02	.01
21	.72	.85	1.7	.08	.14	.34	.12	.18	.04	.07	.02	.01
22	.40	.42	.67	.07	.12	.51	5.0	.16	.10	.06	.02	.01
23	3.8	.29	.37	.07	.17	.72	9.4	.18	.05	.05	.02	.01
24	1.2	.45	.24	.06	1.7	1.1	7.3	1.2	.03	.03	.03	.45
25	.47	.75	e.16	.06	1.1	.94	2.0	2.5	.03	.02	.02	.18
26	.31	.66	e.10	.25	.45	1.5	.75	1.2	.03	.02	.01	.07
27	.23	3.4	e.07	.21	2.7	.97	.50	.49	.03	.02	.009	.05
28	.18	1.5	e.06	.15	5.0	4.6	.39	.32	.02	.03	.007	.04
29	.17	.56	e.05	.11	2.0	2.6	.30	.22	.02	.02	.005	.03
30	.14	.34	e.05	.10	---	1.1	.23	.19	.02	.02	.006	.03
31	.13	---	e.05	.18	---	.67	---	.17	---	.02	.007	---
TOTAL	16.18	21.01	19.86	14.60	25.05	34.72	36.37	14.55	2.17	5.18	0.540	1.275
MEAN	.52	.70	.64	.47	.86	1.12	1.21	.47	.072	.17	.017	.043
MAX	3.8	3.4	4.1	4.7	6.0	5.0	9.4	2.5	.23	1.9	.04	.45
MIN	.06	.09	.05	.04	.06	.28	.12	.09	.02	.01	.005	.005

e Estimated



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## APPENDIX 2

### MONTHLY STREAMFLOW, FIELD MEASUREMENTS, AND WATER-QUALITY DATA FOR SURFACE-WATER MONITORING STATIONS, MT. DESERT ISLAND, MAINE, 1999-2000

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Remark codes used in this report:

< -- Less than

E -- Estimated value

Null value remark codes used in this report:

M -- Presence verified, not quantified



## 01022800 -- Old Mill Brook at Old Norway Dr nr Bar Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
FEB 1999													
18...	0840	1.8	14	--	--	--	--	55	3.1	2.1	.64	.20	5.9
MAR													
17...	1135	3.5	15	--	--	--	--	53	.3	2.1	.63	.24	6.2
APR													
12...	1230	1.7	17	--	12.5	98	--	54	4.9	2.3	.68	.26	6.3
MAY													
11...	1715	.56	30	--	10.0	--	6.4	54	14.2	2.3	.66	.25	6.3
JUN													
15...	1450	.15	30	753	7.5	--	6.5	70	20.8	3.8	1.1	.17	7.3
JUL													
13...	1120	.02	37	765	6.7	--	6.4	70	17.3	3.3	.88	.41	7.1
AUG													
25...	1330	.00	29	--	7.0	71	6.4	69	15.9	2.6	.79	.40	7.5
SEP													
20...	1645	.20	18	760	9.1	92	6.4	88	16.5	5.3	1.5	.36	8.8
OCT													
21...	1030	4.2	36	758	10.9	95	--	55	9.0	2.0	.59	.21	5.9
NOV													
17...	0645	3.4	22	746	12.2	92	6.4	48	3.4	1.6	.48	.18	5.2
DEC													
14...	1330	5.6	22	760	12.2	96	6.1	41	5.2	1.5	.44	.16	4.3
JAN 2000													
11...	1415	20	27	740	13.1	94	5.8	41	1.8	1.5	.49	.15	4.6
FEB													
15...	1630	17	21	764	13.2	90	5.7	39	-0.2	1.5	.52	.16	5.1
MAR													
29...	0640	15	27	752	12.1	92	5.5	40	3.6	1.4	.44	.19	5.0
MAY													
01...	1630	2.7	16	759	10.6	95	6.0	49	10.3	1.7	.55	.22	6.7
31...	1310	2.0	20	764	10.0	94	6.2	49	13.2	1.8	.54	.20	5.9
JUN													
27...	1445	.22	37	752	6.1	71	6.1	65	22.5	3.0	.77	.31	7.1
AUG													
01...	1625	.03	38	765	6.7	73	5.8	69	19.7	3.3	.87	.38	7.4
21...	0950	.03	56	764	4.5	43	5.9	70	14.3	3.4	.93	.54	8.8
SEP													
27...	0730	.02	39	760	8.1	71	6.0	58	9.7	3.1	.87	.45	7.1

01022800 -- Old Mill Brook at Old Norway Dr nr Bar Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER UNFLTRD (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER UNFLTRD (UG/L) (49287)
FEB 1999													
18...	56	11	2.7	3.4	<.05	.07	.19	.003	1.9	2.0	--	--	--
MAR													
17...	44	12	2.4	2.6	<.05	.04	.20	.003	1.4	2.1	--	--	--
APR													
12...	56	11	2.4	2.9	<.05	.07	.18	.003	1.6	2.4	--	--	--
MAY													
11...	95	10	2.7	2.0	<.05	.02	.25	.005	2.4	3.5	97	97	<10
JUN													
15...	190	13	2.9	2.0	<.05	.05	.02	.008	4.1	3.2	43	58	<10
JUL													
13...	220	12	2.3	1.4	<.05	.02	.30	.011	5.2	3.8	64	63	<10
AUG													
25...	160	12	.9	.8	<.05	.04	.33	.011	3.5	4.1	51	48	<10
SEP													
20...	91	11	3.5	14	<.05	.04	.33	.010	2.3	4.7	59	39	20
OCT													
21...	53	11	3.4	3.0	<.05	<.01	.20	.004	1.8	5.9	140	110	24
NOV													
17...	43	9.4	2.9	2.7	<.05	.02	.14	.002	1.6	3.8	110	110	<10
DEC													
14...	37	7.4	2.5	2.8	<.05	.03	.17	.002	1.4	3.4	120	90	33
JAN 2000													
11...	16	8.6	2.0	2.7	<.05	.03	.18	.004	1.0	3.5	110	80	34
FEB													
15...	16	9.5	1.9	2.7	<.05	.03	.15	.006	1.2	2.7	100	85	16
MAR													
29...	24	9.2	1.9	2.8	<.05	.02	.19	.004	1.2	3.7	120	100	19
MAY													
01...	49	11	2.4	2.7	<.05	.01	.16	.003	1.8	2.3	76	58	18
31...	75	11	2.6	2.2	<.05	<.01	.13	.004	2.2	4.8	88	68	21
JUN													
27...	170	13	2.9	1.6	<.05	<.01	.23	.009	4.6	4.2	70	72	<10
AUG													
01...	200	14	2.4	1.3	<.05	<.01	.24	.008	5.6	3.7	66	81	<10
21...	220	14	2.0	.9	<.05	.01	.30	.015	5.4	5.0	72	59	12
SEP													
27...	220	9.2	2.2	2.0	<.05	<.01	.29	.014	4.8	4.2	62	63	<10

## 01022805 -- Old Mill Brook below Crooked Rd nr Bar Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L) AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L) AS K) (00935)	SODIUM, DIS- SOLVED (MG/L) AS NA) (00930)
APR 1999													
14...	0910	2.5	32	--	10.4	81	--	54	5.0	2.4	.73	.20	6.2
MAY													
11...	1410	1.5	65	762	8.6	--	6.0	56	16.3	2.5	.74	.25	6.4
JUN													
15...	1335	.27	71	--	3.7	--	6.0	71	22.8	3.7	.93	.37	7.5
JUL													
13...	0850	.05	40	757	7.9	77	6.3	83	14.1	3.8	1.1	.13	8.6
AUG													
25...	0855	.00	62	--	6.7	73	6.9	398	19.1	18	4.6	.85	45
SEP													
20...	1540	1.0	66	760	5.8	61	5.5	124	18.3	7.1	1.9	1.3	11
OCT													
21...	0830	5.3	54	758	8.4	73	--	55	7.7	2.2	.60	.24	5.6
NOV													
17...	0850	7.0	39	--	11.2	80	6.0	48	1.6	1.7	.52	.20	5.1
DEC													
13...	1450	15	35	760	11.4	90	6.1	40	5.1	1.6	.47	.16	4.2
JAN 2000													
11...	1310	48	50	740	13.1	92	5.8	46	1.0	1.8	.58	.28	5.1
FEB													
17...	1045	9.7	23	780	12.8	87	5.4	47	-0.2	1.8	.59	.19	5.4
MAY													
03...	0715	2.2	32	774	7.9	63	5.3	49	6.4	2.0	.62	.21	6.5
JUN													
01...	0935	.91	52	761	5.0	51	5.8	50	16.8	2.3	.64	.20	5.6
27...	1115	.33	240	757	1.7	20	6.1	84	21.0	5.7	1.4	.96	6.9
AUG													
02...	1205	.00	150	763	1.6	17	5.8	86	18.2	5.6	1.5	.57	7.0
21...	1055	.13	140	--	2.7	29	5.7	76	15.9	4.9	1.3	.71	8.0
SEP													
27...	0840	.13	110	760	3.8	32	5.9	79	10.8	4.1	1.2	.80	9.0

01022805 -- Old Mill Brook below Crooked Rd nr Bar Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	SILICA, DIS- SOLVED (MG/L) AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L) AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L) AS N) (00618)	NITRO- GEN, TOTAL (MG/L) AS N) (00600)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L) AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER UNFLTRD (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER UNFLTRD (UG/L) (49287)
APR 1999													
14...	71	11	1.8	2.5	<.05	.05	.20	.006	3.0	3.7	52	34	18
MAY													
11...	120	10	2.1	1.6	<.05	.01	.50	.011	3.6	7.0	110	110	<10
JUN													
15...	230	12	2.1	1.1	<.05	.01	.22	.014	8.1	7.1	36	27	<10
JUL													
13...	230	15	1.8	1.5	<.05	.01	.37	.012	9.0	5.4	<10	<10	<10
AUG													
25...	890	82	1.3	4.4	<.05	<.01	.40	.018	14	5.4	<10	<10	<10
SEP													
20...	190	12	3.8	15	<.05	.01	.62	.020	5.0	12	180	160	21
OCT													
21...	71	10	3.5	2.9	<.05	<.01	.28	.005	3.9	7.1	130	110	21
NOV													
17...	48	9.1	2.9	2.7	<.05	<.01	.19	.004	2.4	5.3	100	97	<10
DEC													
13...	45	7.1	2.4	2.7	<.05	.02	.20	.003	1.9	4.7	120	100	17
JAN 2000													
11...	28	9.6	2.0	2.8	<.05	.06	.20	.012	1.2	4.5	100	92	11
FEB													
17...	37	10	2.4	2.8	<.05	.04	.19	.004	2.9	3.1	78	80	<10
MAY													
03...	78	11	1.8	2.3	<.05	<.01	.20	.005	3.5	4.1	79	65	14
JUN													
01...	120	9.4	1.8	1.7	<.05	<.01	.28	.013	5.0	6.6	89	82	<10
27...	390	12	2.3	.3	<.05	--	.98	.056	10	15	94	69	25
AUG													
02...	400	13	2.1	.5	.05	<.01	.76	.035	14	9.6	57	74	<10
21...	350	13	1.8	.3	<.05	.03	.76	.031	11	12	45	60	<10
SEP													
27...	280	14	1.1	.5	<.05	<.01	.73	.030	6.5	10	39	93	<10

## 01022810 -- Stony Brook below Hamilton Pond nr Bar Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED CENT SATUR- ATION) (PER- CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
APR 1999													
14...	0830	2.3	68	--	--	--	--	65	7.1	2.8	.87	.46	7.2
MAY													
11...	1540	1.5	110	--	--	--	--	69	18.5	2.7	.94	.48	7.9
JUN													
16...	0920	.33	130	761	7.4	--	6.4	74	19.4	3.2	1.2	.45	8.8
JUL													
13...	1005	.16	99	764	7.5	--	6.4	75	20.1	2.9	.96	.35	8.5
AUG													
25...	1000	.00	59	761	5.1	53	6.3	86	16.9	3.5	1.0	.34	8.5
SEP													
21...	1010	.34	71	758	8.4	89	6.6	81	17.6	3.0	.93	.47	11
OCT													
20...	1035	4.3	180	764	10.7	93	6.2	91	9.1	3.9	1.2	.72	8.3
NOV													
16...	1430	10	160	735	12.3	94	6.2	68	4.3	2.7	.83	.55	6.6
DEC													
14...	1520	12	120	760	12.4	95	5.8	53	4.1	2.2	.71	.48	5.4
JAN 2000													
11...	1020	17	100	740	12.2	90	5.8	57	2.9	2.3	.80	.41	6.5
FEB													
17...	0900	16	62	772	13.1	92	5.4	70	.9	2.2	.84	.45	8.1
MAY													
03...	0940	2.8	86	773	10.8	98	6.0	49	11.9	1.9	.65	.38	6.5
JUN													
01...	0845	3.0	130	762	8.5	87	6.2	55	16.8	2.3	.76	.32	6.6
27...	0700	.86	140	758	6.6	76	6.3	60	22.6	2.6	.88	.21	7.0
AUG													
01...	1740	.31	110	765	6.2	71	6.1	62	22.0	2.8	.92	.19	6.9
22...	0845	.09	96	770	7.4	74	6.1	64	16.0	3.0	.99	.18	8.4

01022810 -- Stony Brook below Hamilton Pond nr Bar Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	SILICA, DIS- SOLVED (MG/L) AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L) AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L) AS N) (00618)	NITRO- GEN, TOTAL (MG/L) AS N) (00600)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L) AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER UNFLTRD (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER UNFLTRD (UG/L) (49287)
APR 1999													
14...	69	13	.9	3.8	<.05	.06	.35	.015	1.5	6.7	72	52	20
MAY													
11...	91	13	.1	3.4	<.05	.03	.52	.021	1.7	8.9	78	71	<10
JUN													
16...	130	14	.4	2.9	.05	.08	.76	.021	2.2	12	95	99	<10
JUL													
13...	120	15	.8	2.6	<.05	.07	.59	.019	5.6	11	81	82	<10
AUG													
25...	190	15	1.5	2.2	<.05	.20	.62	.019	4.2	7.8	40	43	<10
SEP													
21...	130	15	1.4	3.5	<.05	.01	.70	.021	2.0	9.8	32	32	<10
OCT													
20...	100	15	3.3	9.2	.24	.05	.93	.022	2.2	18	200	180	12
NOV													
16...	73	12	2.7	4.3	.08	.08	.67	.017	1.3	15	190	190	<10
DEC													
14...	47	9.6	2.2	3.9	<.05	.08	.50	.011	1.4	11	170	190	<10
JAN 2000													
11...	55	9.9	2.4	4.4	.07	.12	.50	.015	3.1	8.5	120	140	<10
FEB													
17...	35	15	1.8	4.1	.07	.15	.43	.010	2.7	5.5	89	72	17
MAY													
03...	48	9.8	.9	3.8	<.05	<.01	.31	.013	1.2	7.7	100	100	<10
JUN													
01...	91	11	.4	2.8	<.05	<.01	.48	.019	1.7	12	150	110	40
27...	130	11	.2	2.4	<.05	--	.62	.019	10	14	130	120	11
AUG													
01...	150	12	.4	2.3	<.05	.08	.63	.017	2.8	10	83	77	<10
22...	160	12	.6	2.4	<.05	.11	.65	.016	2.7	11	70	57	13

## 01022815 -- Aunt Betseys Brook near Bar Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
APR 1999													
14...	1045	.50	94	--	13.2	99	--	64	3.5	2.5	1.1	.30	7.3
MAY													
12...	0645	.22	190	--	11.4	--	5.9	76	6.1	2.9	1.2	.27	9.3
JUN													
15...	1120	.06	260	753	8.4	--	6.5	105	15.9	4.6	1.8	.42	12
JUL													
13...	1150	.00	240	764	6.7	--	6.6	207	16.1	8.0	3.1	.98	25
AUG													
25...	1125	.00	270	761	3.6	37	6.5	285	16.2	11	3.2	.97	32
SEP													
21...	0805	.03	94	757	7.9	77	6.3	219	14.1	9.2	3.5	.90	25
OCT													
21...	1155	.50	180	764	11.8	98	5.8	83	7.2	3.0	1.6	.26	8.4
NOV													
17...	0945	.93	130	746	12.6	95	5.7	64	3.5	2.2	1.0	.19	6.5
DEC													
14...	1400	1.6	120	760	12.3	96	5.5	52	4.9	1.9	.84	.22	5.4
JAN 2000													
11...	1215	6.9	100	746	13.4	95	5.3	56	1.3	1.7	.89	.27	5.9
FEB													
16...	1450	1.2	73	765	13.3	90	5.4	87	-0.2	2.4	1.1	.23	11
MAY													
03...	0810	.52	100	774	12.9	99	5.7	58	4.8	2.0	.89	.23	7.8
31...	1720	.35	130	764	9.3	87	6.2	64	12.8	2.3	.93	.25	7.9
JUN													
27...	1330	.05	180	754	7.5	79	6.5	157	17.6	5.4	1.9	.50	18
AUG													
02...	1250	.00	150	762	3.3	34	6.1	375	15.0	14	4.7	1.2	52
SEP													
25...	1610	.02	220	--	7.9	74	6.4	258	12.4	10	3.6	1.2	32

01022815 -- Aunt Betseys Brook near Bar Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER UNFLTRD (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER UNFLTRD (UG/L) (49287)
APR 1999													
14...	42	13	2.8	3.3	<.05	.01	.25	.008	1.6	7.6	150	85	65
MAY													
12...	100	16	3.0	2.5	<.05	.02	.40	.014	2.0	13	110	81	30
JUN													
15...	260	20	4.0	2.1	.11	.08	.42	.032	4.3	13	170	240	<10
JUL													
13...	570	43	4.2	2.9	.24	.12	.70	.042	E10	7.7	51	120	<10
AUG													
25...	680	57	4.6	3.3	.13	.06	.56	.040	12	6.3	30	70	<10
SEP													
21...	130	37	4.7	23	.08	.09	.66	.020	4.9	12	120	98	20
OCT													
21...	58	17	4.2	5.4	<.05	.01	.43	.009	1.7	20	330	310	16
NOV													
17...	33	12	3.8	4.2	<.05	.01	.35	.008	1.3	13	260	260	<10
DEC													
14...	24	10	3.0	3.6	<.05	.02	.31	.009	1.1	11	240	230	18
JAN 2000													
11...	14	11	2.5	3.7	<.05	.03	.30	.013	1.1	8.5	190	180	<10
FEB													
16...	20	22	2.8	3.8	<.05	.03	.24	.007	2.2	6.5	150	140	<10
MAY													
03...	46	13	2.8	3.1	<.05	--	.36	.008	1.5	8.3	170	160	10
31...	84	14	3.2	2.2	<.05	<.01	.34	.028	1.8	11	200	230	<10
JUN													
27...	330	33	3.9	1.9	.17	.04	.59	.022	4.3	11	130	250	<10
AUG													
02...	590	94	5.1	1.9	.29	.07	.63	.019	9.0	5.7	28	41	<10
SEP													
25...	580	56	4.0	6.4	.13	.07	.60	.038	7.1	9.5	92	590	<10



## 01022817 -- French Hill Brook near Bar Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
APR 1999													
14...	1130	.82	85	--	11.4	91	--	36	6.0	1.9	.62	.23	3.7
MAY													
12...	0740	.45	140	761	8.9	75	6.1	45	8.1	2.5	.75	.31	4.6
JUN													
15...	1220	.06	130	754	8.6	--	6.7	54	16.7	3.7	1.0	.32	5.1
JUL													
13...	1125	.01	140	746	5.9	--	6.7	86	17.3	4.9	1.5	.61	7.6
OCT													
21...	0935	1.1	160	758	10.4	90	--	55	9.1	2.8	.89	.31	5.1
NOV													
16...	1540	2.1	170	735	12.0	93	6.2	47	4.8	2.3	.78	.22	4.6
DEC													
15...	0830	2.2	140	764	12.5	95	6.1	36	3.8	1.8	.61	.18	3.6
JAN 2000													
12...	0950	3.4	94	746	13.7	97	--	37	1.4	1.6	.60	.17	4.2
FEB													
17...	1150	2.3	68	778	14.2	96	5.8	39	.1	1.7	.66	.15	4.4
MAY													
02...	1610	1.0	94	759	10.4	93	6.0	31	10.2	1.5	.53	.19	4.1
31...	1200	.76	140	766	9.2	89	6.2	34	14.0	1.8	.57	.21	3.9
JUN													
27...	1220	.07	92	756	7.6	80	6.4	51	17.0	3.2	.87	.32	5.2
AUG													
02...	1230	.00	120	761	6.9	69	6.3	71	15.9	4.8	1.3	.47	6.8

01022817 -- French Hill Brook near Bar Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	SILICA, DIS- SOLVED (MG/L) AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L) AS N) (00618)	NITRO- GEN, TOTAL (MG/L) AS N) (00600)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L) AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER UNFLTRD (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER UNFLTRD (UG/L) (49287)
APR 1999													
14...	66	5.4	1.9	2.5	<.05	.02	.27	.011	2.0	6.0	130	120	<10
MAY													
12...	130	6.3	2.0	1.9	<.05	.03	.44	.021	3.9	8.9	170	150	24
JUN													
15...	260	5.8	3.0	1.8	.06	.09	.45	.020	4.1	8.0	90	130	<10
JUL													
13...	510	6.6	3.9	1.9	.11	.07	.47	.025	9.6	5.7	50	74	<10
OCT													
21...	95	7.2	3.8	5.2	<.05	.01	.46	.017	2.3	15	220	310	<10
NOV													
16...	59	7.2	3.2	3.4	<.05	.02	.40	.010	1.5	16	240	290	<10
DEC													
15...	37	5.6	2.6	3.0	<.05	.02	.35	.008	1.2	11	210	250	<10
JAN 2000													
12...	27	6.8	2.5	2.9	<.05	.02	.20	.008	1.3	7.6	130	130	<10
FEB													
17...	34	7.7	2.5	2.9	<.05	.02	.21	.006	1.4	5.9	120	84	36
MAY													
02...	48	5.7	2.0	2.4	<.05	<.01	.27	.009	1.5	7.4	130	140	<10
31...	80	5.8	2.3	1.7	<.05	<.01	.31	.011	2.2	10	180	240	<10
JUN													
27...	220	6.9	3.1	1.5	.06	.07	.40	.016	4.3	8.3	140	180	<10
AUG													
02...	410	7.1	4.3	1.9	.11	.09	.50	.023	8.6	6.8	62	89	<10

## 01022825 -- Breakneck Brook near Bar Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L) (00935)	SODIUM, DIS- SOLVED (MG/L) (00930)
FEB 1999													
16...	1005	1.9	15	--	--	--	--	35	2.3	1.8	.50	.16	3.6
MAR													
17...	1240	3.4	20	--	--	--	--	40	1.8	2.0	.53	.17	4.0
APR													
13...	1730	1.1	14	--	--	--	--	40	8.2	2.2	.57	.19	4.0
MAY													
11...	1320	.58	24	762	10.3	--	6.6	44	15.0	2.5	.61	.28	4.2
JUN													
16...	1130	.05	8	--	9.0	--	6.9	56	15.8	4.0	.89	.34	5.4
JUL													
13...	1315	.04	8	764	9.1	--	7.0	59	19.3	4.0	.86	.31	5.2
AUG													
26...	1000	.00	5	760	8.2	84	6.9	75	16.8	4.8	1.0	.32	6.9
SEP													
21...	1100	.21	13	758	9.5	96	7.0	58	16.3	3.7	.79	.27	6.5
OCT													
20...	0830	3.2	29	765	11.2	96	6.3	46	8.8	2.2	.53	.26	4.5
NOV													
15...	1545	10	23	738	12.1	97	6.4	41	5.9	2.0	.51	.21	4.4
DEC													
13...	1350	7.6	26	760	12.8	100	6.3	33	4.9	1.5	.38	.14	3.4
JAN 2000													
11...	0810	25	40	740	13.5	98	6.9	41	1.8	1.7	.48	.20	4.2
FEB													
15...	1600	22	21	765	11.8	84	6.2	39	.4	1.9	.52	.18	4.9
MAR													
28...	0940	4.5	18	753	11.0	92	6.4	36	8.1	1.7	.45	.16	4.2
MAY													
02...	0915	2.0	23	758	10.8	96	6.3	32	10.2	1.6	.43	.18	4.2
30...	1635	2.0	26	770	9.8	100	6.5	34	16.7	1.7	.44	.17	3.9
JUN													
27...	1015	.24	20	757	8.2	86	6.7	45	18.0	2.9	.66	.21	4.8
AUG													
01...	1540	.04	13	767	7.5	80	6.4	51	18.0	3.6	.75	.22	4.5
21...	1120	.03	7	764	8.0	80	6.4	54	15.5	4.2	.86	.22	6.0
SEP													
25...	1650	.09	7	759	9.9	93	6.9	57	13.0	4.4	.87	.23	5.9

01022825 -- Breakneck Brook near Bar Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER (UG/L) (49287)
FEB 1999													
16...	65	6.2	1.6	2.8	<.05	.03	.12	.004	1.6	1.8	--	--	--
MAR													
17...	63	6.4	1.8	2.5	<.05	.03	.16	.005	2.0	1.9	--	--	--
APR													
13...	77	6.3	1.3	2.6	<.05	.04	.17	.004	1.7	1.9	--	--	--
MAY													
11...	150	6.4	.7	2.2	<.05	.03	.18	.007	2.4	2.5	27	49	<10
JUN													
16...	250	6.5	1.4	2.5	<.05	.27	.43	.007	4.2	1.4	9	16	<10
JUL													
13...	280	6.7	1.1	2.2	<.05	.18	.30	.005	4.4	1.7	10	10	<10
AUG													
26...	380	7.2	1.4	3.3	<.05	.17	.30	.003	5.6	1.5	<10	<10	<10
SEP													
21...	250	6.9	1.0	2.4	<.05	.02	.24	.007	3.4	3.0	<10	<10	<10
OCT													
20...	91	7.3	2.4	3.4	<.05	<.01	.20	.004	1.8	4.1	33	53	<10
NOV													
15...	71	6.9	2.2	2.6	<.05	.02	.17	.006	1.7	3.5	67	52	15
DEC													
13...	46	5.4	2.0	2.5	<.05	.18	.16	.002	1.2	3.3	87	76	11
JAN 2000													
11...	51	7.7	2.0	2.6	<.05	.04	.17	.008	1.7	2.7	58	80	<10
FEB													
15...	46	8.9	1.8	2.5	<.05	.04	.16	.004	1.7	2.1	56	65	<10
MAR													
28...	64	7.3	1.6	2.6	<.05	.03	.15	.005	1.8	1.9	34	60	<10
MAY													
02...	68	5.9	1.6	2.6	<.05	.01	.16	.005	1.8	3.4	39	57	<10
30...	92	5.6	1.1	2.3	<.05	<.01	.18	.006	2.2	3.0	45	67	<10
JUN													
27...	200	6.0	.8	1.8	<.05	.15	.32	.004	3.5	2.6	25	33	<10
AUG													
01...	270	5.9	.9	1.5	<.05	.15	.31	.002	4.6	2.0	14	17	<10
21...	320	6.0	1.2	1.8	<.05	.14	.26	.004	4.5	1.7	<10	<10	<10
SEP													
25...	320	6.4	1.2	1.8	<.05	.09	.20	.014	4.2	1.8	<10	<10	<10

## 01022840 -- Otter Creek near Bar Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, (MG/L) SATUR- ATION) (00300)	OXYGEN, DIS- SOLVED CENT SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
FEB 1999													
17...	1315	1.3	5	--	--	--	--	38	1.3	1.7	.59	.16	4.1
MAR													
17...	1356	2.7	6	--	--	--	--	37	1.0	1.5	.58	.18	3.8
APR													
13...	0740	1.8	5	--	13.1	--	--	37	3.4	1.6	.57	.19	3.8
MAY													
10...	1220	2.8	8	--	10.5	--	6.1	33	10.9	1.2	.45	.23	3.5
JUN													
17...	0905	.34	10	756	9.9	94	6.7	43	13.2	2.4	.64	.29	4.3
JUL													
12...	1600	.10	7	764	9.1	--	6.8	48	19.9	2.8	.63	.32	4.3
AUG													
24...	1640	.06	5	760	8.9	95	6.9	56	18.4	3.9	.70	.30	4.4
SEP													
20...	1220	.42	6	758	9.7	97	6.7	55	15.8	2.8	.79	.33	6.3
OCT													
20...	1430	2.5	10	764	11.7	100	6.3	36	8.7	1.3	.44	.21	4.2
NOV													
16...	1230	5.1	8	734	12.4	97	6.1	41	5.1	1.2	.45	.21	4.3
DEC													
13...	1240	6.7	7	760	12.6	100	6.2	33	5.8	1.0	.39	.15	3.4
JAN 2000													
12...	0900	6.1	7	746	13.3	99	--	44	2.0	1.4	.58	.15	4.7
FEB													
15...	1140	14	9	759	--	--	5.4	43	-0.1	1.3	.65	.25	5.4
MAR													
28...	1330	13	22	749	12.2	95	5.8	34	5.1	1.1	.46	.21	4.1
MAY													
02...	1040	2.2	7	755	11.4	97	6.1	34	8.1	1.3	.49	.22	4.5
30...	1742	1.9	7	769	10.3	98	6.2	33	13.5	1.3	.45	.21	4.0
JUN													
26...	1750	.37	16	757	8.0	88	6.4	42	20.0	2.2	.57	.29	4.4
AUG													
01...	1010	.37	22	765	9.4	92	6.3	41	14.2	2.4	.67	.31	4.7
21...	1310	.23	17	763	8.1	81	6.5	43	15.9	2.6	.58	.28	5.2
SEP													
26...	1420	.40	16	763	10.2	96	6.6	38	11.7	2.2	.57	.26	4.7

01022840 -- Otter Creek near Bar Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER UNFLTRD (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER UNFLTRD (UG/L) (49287)
FEB 1999													
17...	42	7.8	2.2	3.7	<.05	.03	.03	.002	1.6	.80	--	--	--
MAR													
17...	22	6.5	1.8	2.7	<.05	.02	.07	.001	--	1.1	--	--	--
APR													
13...	27	6.2	2.0	3.3	<.05	.06	.07	.001	1.0	.90	--	--	--
MAY													
10...	38	5.6	2.3	3.5	<.05	.01	.03	.001	.7	1.3	54	51	<10
JUN													
17...	120	6.4	2.9	2.9	<.05	.02	.16	.004	2.0	1.0	29	39	<10
JUL													
12...	140	6.8	2.9	2.7	.05	.04	.10	.003	3.1	1.1	28	22	<10
AUG													
24...	220	6.1	3.1	3.2	<.05	.04	.09	.002	3.8	.70	17	13	<10
SEP													
20...	72	8.8	2.8	5.4	<.05	.04	.14	.005	1.6	1.6	19	<10	<10
OCT													
20...	30	7.1	2.7	3.6	<.05	<.01	.08	.001	.9	1.7	54	27	27
NOV													
16...	16	8.1	2.2	3.3	<.05	<.01	.06	--	.7	1.7	74	43	31
DEC													
13...	15	5.6	2.0	3.6	<.05	<.01	.08	.001	.7	1.5	82	50	32
JAN 2000													
12...	12	9.7	2.0	3.0	<.05	.01	.06	.004	.8	1.1	81	38	43
FEB													
15...	M	11	1.5	2.9	<.05	.04	.10	.004	1.3	1.5	140	77	60
MAR													
28...	9.6	7.3	1.7	3.4	<.05	.02	.16	.011	.8	1.8	76	63	13
MAY													
02...	31	6.8	2.1	3.3	<.05	.01	.08	.003	1.0	1.2	53	38	15
30...	42	6.4	2.3	3.2	<.05	<.01	.07	.002	1.1	1.4	51	33	18
JUN													
26...	110	7.1	2.7	2.4	<.05	.01	.11	.003	2.6	2.1	62	57	<10
AUG													
01...	140	8.3	2.6	2.3	<.05	.02	.13	.004	2.9	1.8	45	53	<10
21...	150	6.9	2.8	2.1	<.05	.02	.13	.004	2.2	1.9	25	29	<10
SEP													
26...	110	6.6	2.5	2.8	<.05	.02	.12	.007	.8	2.4	36	30	<10

## 01022845 -- Hunters Brook near Seal Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED SATUR- ATION) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L) (00935)	SODIUM, DIS- SOLVED (MG/L) (00930)
FEB 1999													
17...	1405	1.8	7	--	--	--	--	48	.2	2.2	.86	.25	4.9
MAR													
17...	1446	2.6	10	--	--	--	--	46	.3	2.1	.82	.27	4.6
APR													
13...	1000	2.4	8	--	13.1	--	--	46	2.9	2.1	.83	.27	4.6
MAY													
10...	1400	1.9	15	--	11.1	--	6.5	48	9.9	2.2	.80	.35	4.6
JUN													
16...	1410	.40	12	--	9.8	--	6.9	56	15.2	3.1	1.0	.42	5.5
JUL													
14...	0825	.23	11	760	10.0	--	6.9	60	13.5	3.2	1.1	.42	5.5
AUG													
24...	1355	.11	13	--	8.1	86	6.9	67	18.0	3.6	1.1	.40	5.5
SEP													
21...	1415	.35	8	756	9.6	97	6.9	70	15.3	3.1	1.1	.47	5.0
OCT													
19...	1610	2.6	17	765	11.7	98	6.5	49	7.6	2.0	.68	.32	5.2
NOV													
16...	0750	4.2	13	735	12.5	96	6.2	52	4.5	1.9	.75	.24	6.1
DEC													
13...	1000	5.3	13	762	12.4	98	5.8	44	5.3	1.6	.59	.23	4.5
JAN 2000													
10...	1040	1.6	11	760	13.9	98	6.2	51	1.0	1.9	.73	.22	5.3
FEB													
15...	1305	9.0	14	759	13.6	93	5.7	50	-0.2	1.9	.82	.27	6.2
MAR													
28...	1145	4.3	190	750	12.3	92	6.2	43	3.9	1.6	.66	.30	4.9
MAY													
02...	1310	2.1	10	756	11.5	96	6.4	43	7.5	1.7	.71	.29	5.5
31...	1820	1.6	10	764	10.4	94	6.4	45	11.0	1.9	.70	.31	4.9
JUN													
26...	1545	.43	12	757	8.5	89	6.7	54	18.0	2.6	.89	.33	5.5
AUG													
01...	1055	.44	10	766	9.9	98	6.2	53	14.3	2.8	.89	.32	5.1
21...	1400	.34	42	762	7.9	77	6.6	57	14.2	3.1	.96	.41	6.4
SEP													
25...	1210	.74	24	760	10.4	96	6.1	55	11.6	2.8	.95	.32	6.1

01022845 -- Hunters Brook near Seal Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER (UG/L) (49287)
FEB 1999													
17...	69	9.0	3.0	4.8	<.05	.03	.04	.002	1.8	1.1	--	--	--
MAR													
17...	55	7.6	2.7	3.8	<.05	.02	.09	.006	1.9	1.3	--	--	--
APR													
13...	57	7.5	3.0	4.4	<.05	.05	.08	.002	1.6	1.3	--	--	--
MAY													
10...	97	7.4	3.2	4.4	<.05	.01	.03	.004	1.7	2.1	64	67	< 10
JUN													
16...	170	7.6	3.9	4.3	<.05	.04	.18	.004	2.7	1.3	34	35	< 10
JUL													
14...	210	8.1	3.7	4.0	.08	.08	.20	.004	3.4	2.1	30	29	< 10
AUG													
24...	260	7.3	4.0	3.9	<.05	.05	.12	.007	4.4	1.3	24	34	< 10
SEP													
21...	150	10	3.6	5.5	<.05	.02	.16	.004	2.4	2.2	24	20	< 10
OCT													
19...	70	9.7	3.2	4.6	<.05	<.01	.09	.002	1.8	2.3	69	58	11
NOV													
16...	37	9.9	2.8	4.4	<.05	<.01	.08	.002	1.1	2.4	120	76	44
DEC													
13...	31	7.4	2.6	4.6	<.05	<.01	.10	--	1.2	2.3	120	82	38
JAN 2000													
10...	64	9.0	3.2	4.6	<.05	.02	.12	.002	1.9	1.5	60	44	16
FEB													
15...	15	12	2.1	4.0	<.05	.05	.14	.005	.9	2.1	150	110	41
MAR													
28...	46	8.7	2.4	4.4	<.05	.02	.12	.010	1.3	2.1	57	580	< 10
MAY													
02...	130	8.2	3.0	4.4	<.05	<.01	.08	.002	1.4	1.6	58	48	10
31...	79	8.1	3.1	4.3	<.05	<.01	.07	.003	1.7	1.7	54	49	< 10
JUN													
26...	150	8.4	3.7	4.0	<.05	.01	.08	.004	2.9	1.8	37	39	< 10
AUG													
01...	160	8.2	3.7	3.7	<.05	.04	.12	.002	2.9	1.3	34	24	10
21...	190	8.5	3.9	3.6	<.05	.05	.13	.006	2.9	2.2	30	100	< 10
SEP													
25...	160	7.8	3.6	4.1	<.05	<.01	.12	.005	2.5	3.8	100	49	56



## 01022850 -- Stanley Brook near Seal Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (MG/L) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN 1999													
21...	1210	4.7	24	--	--	--	--	--	--	2.9	.98	.62	7.1
FEB													
17...	1500	1.7	13	--	--	--	--	75	1.5	3.8	1.2	.79	7.8
MAR													
17...	1547	3.5	44	--	--	--	--	96	1.1	4.1	1.2	.91	11
APR													
13...	1110	2.4	18	--	--	--	--	73	3.7	3.7	1.2	.84	7.5
MAY													
10...	1510	1.6	41	--	11.6	--	6.7	72	10.0	3.6	1.0	.79	7.2
JUN													
16...	1545	.41	14	762	10.0	--	7.1	90	13.7	5.3	1.5	1.0	9.3
JUL													
14...	1000	.30	11	--	10.6	--	7.3	95	12.9	5.4	1.6	.97	8.3
AUG													
24...	1450	.20	13	--	9.2	96	7.4	104	17.5	6.0	1.4	.93	8.9
SEP													
21...	1530	.33	19	756	9.8	98	7.3	98	15.2	5.7	1.6	1.0	8.2
OCT													
20...	1720	1.7	65	765	11.8	99	7.3	86	7.6	3.7	1.1	.69	7.8
NOV													
16...	0920	4.2	46	735	12.5	97	6.7	76	4.9	3.2	1.1	.51	8.4
DEC													
13...	1145	5.0	36	762	12.6	100	6.5	68	5.9	3.0	.85	.64	6.7
JAN 2000													
10...	1210	1.8	26	760	13.6	99	6.5	79	2.3	3.4	1.0	.69	7.8
FEB													
15...	1020	11	44	760	9.7	68	5.7	73	-0.2	2.6	.99	.49	9.1
MAR													
28...	1245	7.4	110	750	12.3	93	6.6	73	4.3	3.0	.90	.74	8.3
MAY													
02...	1415	2.7	19	758	11.6	98	6.9	73	7.9	3.4	1.0	.80	8.3
31...	1530	1.9	24	766	10.3	92	6.9	76	10.8	3.7	1.0	.85	8.0
JUN													
26...	1700	.58	17	759	9.1	92	6.8	85	16.0	4.5	1.2	.95	7.9
AUG													
01...	1155	.49	13	768	9.5	92	6.9	91	13.7	5.1	1.4	1.0	8.2
22...	1120	.44	22	770	10.0	96	6.6	93	13.6	5.5	1.4	1.1	9.3
SEP													
26...	1310	.47	36	763	10.4	94	6.9	92	10.7	5.4	1.5	.80	9.7

01022850 -- Stanley Brook near Seal Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER UNFLTRD (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER UNFLTRD (UG/L) (49287)
JAN 1999													
21...	65	14	2.8	5.4	.01	.19	.34	.004	1.2	3.0	--	--	--
FEB													
17...	130	13	3.1	5.9	<.05	.32	.30	.003	2.5	1.6	--	--	--
MAR													
17...	110	20	2.6	4.5	<.05	.20	.32	.009	--	2.7	--	--	--
APR													
13...	110	13	3.0	5.0	<.05	.26	.34	.004	1.9	2.3	--	--	--
MAY													
10...	160	12	3.4	4.6	<.05	.15	.27	.005	2.7	4.1	100	89	14
JUN													
16...	250	15	3.8	5.4	.11	.25	.38	.005	3.4	1.7	31	30	< 10
JUL													
14...	290	14	4.0	5.3	.06	.28	.40	.005	4.3	1.5	23	14	< 10
AUG													
24...	350	14	4.3	5.4	<.05	.26	.35	.004	4.8	1.4	21	12	10
SEP													
21...	330	15	4.0	8.0	<.05	.16	.33	.007	4.3	2.8	25	10	15
OCT													
20...	150	16	4.0	6.5	<.05	.09	.34	.005	2.6	7.5	140	130	16
NOV													
16...	88	14	3.1	5.6	<.05	.14	.33	.004	1.5	6.1	180	140	42
DEC													
13...	92	12	3.0	5.4	<.05	.20	.36	.003	1.8	4.7	150	100	50
JAN 2000													
10...	22	14	3.5	5.8	<.05	.31	.44	.003	2.4	2.9	75	56	19
FEB													
15...	27	17	2.2	5.0	.05	.14	.40	.013	1.5	4.7	180	170	< 10
MAR													
28...	96	15	2.6	5.2	<.05	.25	.48	.018	1.6	5.5	140	29	110
MAY													
02...	120	13	3.1	5.4	<.05	.28	.39	.004	2.1	2.5	61	47	14
31...	150	14	3.4	5.1	<.05	.28	.38	.005	2.4	3.2	72	55	17
JUN													
26...	220	14	1.9	5.1	<.05	.34	.44	.004	3.6	2.0	39	25	14
AUG													
01...	260	15	3.9	5.5	<.05	.36	.46	.006	4.1	1.6	33	72	< 10
22...	280	15	4.1	5.2	<.05	.29	.41	.005	3.3	2.3	30	18	12
SEP													
26...	270	16	4.3	5.7	<.05	.18	.33	.008	3.4	4.6	68	47	20

## 01022865 -- Hadlock Bk at Sargent Dr at Northeast Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (MG/L) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
FEB 1999													
17...	0715	1.6	15	--	--	--	--	52	.7	2.4	.71	.36	5.8
MAR													
18...	0735	4.3	20	--	--	--	--	59	1.6	2.6	.76	.42	6.3
APR													
12...	1900	1.9	14	--	11.7	--	--	59	8.0	2.4	.70	.37	6.2
MAY													
10...	1620	.32	--	--	10.9	--	6.8	84	13.9	4.2	1.3	.69	7.4
JUN													
16...	1705	.12	40	761	8.6	--	6.7	76	19.4	3.6	1.0	.90	8.6
JUL													
14...	1110	.13	49	763	8.9	--	6.7	65	17.9	3.0	.80	.43	6.5
AUG													
24...	1055	.10	44	--	8.3	91	6.6	66	19.7	2.8	.78	.34	6.4
SEP													
21...	1630	.11	20	756	8.4	87	6.9	95	17.4	4.1	1.3	.72	7.0
OCT													
20...	1545	.64	44	762	11.2	96	6.0	85	8.8	3.8	1.0	.87	7.2
NOV													
16...	1050	10	23	736	12.2	98	6.5	55	5.9	2.2	.66	.39	6.1
DEC													
14...	0915	7.8	26	762	13.2	100	6.8	54	4.0	2.2	.63	.41	5.3
JAN 2000													
12...	0740	14	25	746	13.2	96	6.3	54	2.2	2.0	.63	.35	5.8
FEB													
15...	1440	22	32	764	12.1	84	6.1	53	.3	2.1	.66	.40	6.6
MAR													
29...	1340	20	23	752	12.0	97	6.1	50	5.8	2.0	.62	.34	6.0
MAY													
02...	1520	1.9	20	758	10.8	100	6.3	--	--	2.1	.64	.33	6.5
31...	1440	1.4	17	766	9.1	91	6.5	--	--	2.2	.63	.35	5.8
JUN													
26...	1420	.10	39	759	7.5	89	6.6	--	--	3.8	1.0	.46	7.2
AUG													
01...	1300	.06	55	767	8.2	89	6.4	70	18.7	3.6	.92	.42	7.0
22...	1345	.04	47	767	9.3	102	6.7	77	20.6	3.8	.97	.45	8.8
SEP													
25...	1400	.18	86	760	9.1	89	6.4	96	14.5	5.7	1.6	1.1	9.5

01022865 -- Hadlock Bk at Sargent Dr at Northeast Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER UNFLTRD (UG/L) (49287)
FEB 1999													
17...	54	11	1.7	5.0	<.05	.07	.18	.011	1.5	3.1	--	--	--
MAR													
18...	50	12	1.7	4.0	<.05	.05	.21	.006	1.9	3.3	--	--	--
APR													
12...	40	9.5	1.6	4.8	<.05	.12	.18	.004	1.2	2.6	--	--	--
MAY													
10...	210	12	2.7	5.0	<.05	.05	.49	.019	3.4	4.0	100	32	71
JUN													
16...	170	13	1.9	3.8	.05	.04	.33	.016	3.0	3.5	73	17	56
JUL													
14...	150	12	1.3	3.0	.13	.04	.03	.017	3.0	4.1	46	21	25
AUG													
24...	160	11	1.0	3.0	<.05	.02	.22	.019	2.7	3.5	41	20	21
SEP													
21...	130	14	2.3	10.1	<.05	.04	.28	.011	2.7	3.8	32	16	17
OCT													
20...	140	14	3.8	6.4	<.05	.12	.38	.007	3.2	5.3	90	85	< 10
NOV													
16...	36	10	1.1	4.7	<.05	.01	.23	.004	.9	3.9	74	60	14
DEC													
14...	36	11	1.5	4.5	<.05	.03	.23	.003	1.3	4.2	98	82	16
JAN 2000													
12...	30	11	1.9	4.6	<.05	.04	.22	.004	1.0	4.1	110	80	26
FEB													
15...	27	12	1.9	4.6	<.05	.07	.31	.014	1.4	3.9	110	120	< 10
MAR													
29...	31	11	1.8	4.4	<.05	.06	.23	.005	1.0	3.7	96	89	< 10
MAY													
02...	54	11	1.8	4.4	<.05	.02	.17	.006	1.0	3.2	74	68	< 10
31...	58	11	1.5	4.2	<.05	<.01	.16	.006	1.3	3.2	69	63	< 10
JUN													
26...	200	12	2.3	3.9	<.05	.04	.31	.016	3.9	4.1	70	100	< 10
AUG													
01...	210	12	2.1	3.3	<.05	.01	.25	.017	4.1	3.3	55	97	< 10
22...	220	14	1.8	3.3	<.05	<.01	.26	.015	3.1	3.6	44	66	< 10
SEP													
25...	260	15	2.7	6.0	<.05	.20	.76	.035	3.6	7.1	88	120	< 10

## 01022875 -- Kitteredge Brook near Bar Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, (PER- CENT SATUR- ATION) (00301)	PH WATER FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN 1999													
22...	0730	11	87	--	--	--	--	--	.2	1.5	.65	.22	6.2
FEB													
17...	1620	3.3	85	--	--	--	--	70	.4	2.3	.73	.26	8.9
MAR													
16...	1135	6.0	75	--	--	--	--	73	.2	2.1	.78	.34	9.1
APR													
12...	1030	3.7	100	--	12.2	--	--	65	4.7	1.9	.76	.32	7.8
MAY													
10...	1115	2.5	210	--	10.1	--	5.9	76	11.6	2.4	.83	.44	9.8
JUN													
17...	1045	.11	220	756	8.4	--	6.5	573	12.7	12	3.0	1.2	82
JUL													
14...	1240	.08	280	765	8.1	--	6.5	740	15.7	14	3.1	1.5	120
AUG													
26...	0915	.01	250	--	5.9	62	6.5	950	16.5	41	7.0	2.3	330
SEP													
20...	1405	.35	170	--	9.4	92	6.3	263	14.8	7.0	2.4	.81	38
OCT													
19...	1400	4.2	240	--	11.5	97	5.2	78	7.7	2.6	1.1	.39	8.7
NOV													
15...	1430	14	180	738	12.0	95	5.0	62	5.4	2.1	.97	.29	7.1
DEC													
15...	1000	9.7	130	764	13.1	98	5.1	57	3.3	1.6	.66	.21	6.5
JAN 2000													
11...	1540	29	110	740	13.4	94	5.1	56	.7	1.4	.67	.27	6.5
FEB													
16...	1550	12	77	764	12.8	87	5.2	89	-0.2	1.6	.74	.26	13
MAR													
29...	1245	25	100	752	12.2	94	5.2	50	4.0	1.3	.57	.28	6.3
MAY													
01...	1540	4.8	100	762	11.2	97	5.5	59	9.1	1.5	.63	.26	8.4
31...	1400	3.1	160	767	9.3	90	5.9	71	14.2	1.8	.68	.16	9.2
JUN													
27...	0910	.25	240	758	7.8	81	6.2	211	16.9	4.3	1.2	.55	32
AUG													
01...	1420	.07	240	766	7.7	79	6.2	394	16.0	6.3	1.6	.78	54
22...	1005	.06	200	769	6.7	63	6.0	603	13.0	10	2.3	1.1	94
SEP													
26...	1145	.23	180	763	9.2	80	6.5	374	9.3	7.2	2.0	.76	56

## 01022875 -- Kitteredge Brook near Bar Harbor, ME

## WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	SILICA, DIS- SOLVED (MG/L) AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L) AS NH4) (71846)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L) AS N) (00618)	NITRO- GEN, TOTAL (MG/L) AS N) (00600)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L) AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER UNFLTRD (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER UNFLTRD (UG/L) (49287)
JAN 1999													
22...	7.1	12	2.3	3.5	.02	.03	.53	.008	1.3	8.6	--	--	--
FEB													
17...	32	16	2.8	3.6	<.05	.07	.26	.006	1.3	7.3	--	--	--
MAR													
16...	29	17	2.3	3.0	<.05	.04	.25	.009	2.0	6.3	--	--	--
APR													
12...	37	14	1.6	2.9	<.05	.07	.32	.011	.9	8.6	--	--	--
MAY													
10...	86	16	1.8	1.6	<.05	.03	.57	.010	1.4	17	250	270	< 10
JUN													
17...	240	150	2.5	5.1	.07	.10	.60	.026	4.3	14	210	210	< 10
JUL													
14...	290	7.0	2.4	5.1	.09	.08	.70	.029	4.9	16	180	170	< 10
AUG													
26...	360	620	3.0	12	<.05	.04	.69	.034	6.6	13	97	91	< 10
SEP													
20...	120	55	4.9	15	<.05	.10	.98	.029	2.1	--	280	280	< 10
OCT													
19...	39	16	3.7	4.3	.06	<.01	.72	.011	1.5	28	340	290	50
NOV													
15...	19	12	3.1	3.1	<.05	.02	.50	.007	1.1	20	310	250	55
DEC													
15...	15	12	2.6	3.0	<.05	.03	.41	.008	1.0	12	210	190	20
JAN 2000													
11...	5.2	12	2.6	3.0	.05	.05	.34	.010	1.5	9.1	160	120	32
FEB													
16...	13	24	3.0	3.2	<.05	.06	.32	.007	2.6	6.9	120	120	< 10
MAR													
29...	17	11	1.8	2.7	<.05	.03	.37	.012	1.5	8.7	140	160	< 10
MAY													
01...	45	13	1.4	2.7	<.05	.02	.33	.008	1.2	9.3	140	130	< 10
31...	52	16	1.6	1.8	<.05	<.01	.43	.011	1.2	14	200	160	45
JUN													
27...	150	54	1.9	2.4	.07	.06	.68	.021	2.8	18	230	160	68
AUG													
01...	200	83	1.5	3.2	.06	.11	.74	.027	4.1	13	160	140	22
22...	280	160	2.0	5.5	.05	.07	.59	.025	4.4	14	120	63	58
SEP													
26...	260	93	2.7	4.6	<.05	.06	.56	.019	3.8	15	130	100	29

## 01022880 -- Man of War Brook near Southwest Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (MG/L) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
JAN 1999													
21...	1600	1.1	18	--	--	--	--	44	1.1	2.3	.58	.23	4.3
FEB													
16...	1610	.30	8	--	--	--	--	48	.3	2.8	.69	.21	4.5
MAR													
16...	1715	.69	13	--	--	--	--	46	.2	2.6	.66	.23	4.3
APR													
12...	1350	.35	15	--	--	--	--	49	3.8	2.8	.67	.23	4.2
MAY													
11...	1115	.12	28	--	--	--	--	51	8.1	3.2	.68	.27	4.4
JUN													
17...	1255	.04	17	756	9.7	--	6.7	54	12.5	4.1	.78	.32	4.8
JUL													
13...	1730	.00	18	764	7.8	--	6.6	57	16.6	4.1	.76	.31	4.7
SEP													
20...	1300	.05	19	--	8.8	86	6.2	90	14.5	6.6	1.4	.29	7.7
OCT													
19...	1230	.55	110	764	10.9	93	6.2	58	8.1	4.0	1.6	.96	9.5
NOV													
15...	1315	1.9	130	738	11.3	93	6.0	56	6.6	3.8	1.5	1.0	9.9
DEC													
14...	1220	.72	73	760	11.9	94	6.0	49	5.3	2.5	.56	.19	5.3
JAN 2000													
10...	1610	.39	15	758	13.0	94	6.4	53	2.0	2.6	.62	.15	5.2
FEB													
16...	1300	1.6	17	764	13.1	89	5.9	51	-0.1	2.6	.70	.20	5.8
MAR													
29...	1100	1.9	26	752	12.4	94	5.9	43	3.2	2.2	.56	.21	4.8
MAY													
01...	1425	.45	16	762	11.4	93	6.0	44	6.7	2.4	.58	.25	5.1
30...	1455	.33	18	770	10.9	96	6.2	45	10.0	2.6	.57	.18	4.7
JUN													
26...	1340	.06	18	758	8.2	84	6.4	53	16.7	3.6	.67	.24	4.9
AUG													
02...	0900	.02	16	761	8.6	86	6.2	56	15.4	4.2	.76	.26	4.7
21...	1815	.01	15	765	6.8	68	6.3	57	15.3	4.3	.76	.27	5.8
SEP													
26...	1030	.02	16	762	9.6	84	6.5	59	10.0	4.5	.85	.22	5.9

## 01022880 -- Man of War Brook near Southwest Harbor, ME

## WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER UNFLTRD (UG/L) (49287)
JAN 1999													
21...	29	8.6	2.5	4.8	.02	.10	.11	.003	1.2	3.2	--	--	--
FEB													
16...	60	8.7	2.6	5.3	<.05	.06	.12	.002	2.0	2.1	--	--	--
MAR													
16...	42	7.4	2.3	4.1	<.05	.03	.13	.004	1.8	2.3	--	--	--
APR													
12...	54	6.9	2.7	4.6	<.05	.08	.15	.003	1.9	2.5	--	--	--
MAY													
11...	110	7.2	3.0	4.4	<.05	.05	.24	.005	2.4	4.0	130	110	20
JUN													
17...	170	7.1	3.3	3.8	<.05	.07	.25	.005	2.9	2.8	63	52	11
JUL													
13...	200	7.5	2.9	3.4	<.05	.08	.20	.008	4.4	3.0	70	67	< 10
SEP													
20...	80	10	3.4	16	<.05	.01	.27	.008	2.1	6.6	120	79	36
OCT													
19...	130	20	4.3	8.1	.05	.12	.51	.009	2.4	13	220	190	26
NOV													
15...	88	17	3.3	6.9	<.05	.47	.93	.010	2.4	14	210	170	41
DEC													
14...	40	8.7	3.0	4.7	<.05	<.01	.52	.005	1.8	8.8	140	100	33
JAN 2000													
10...	56	9.2	3.1	4.9	<.05	.04	.14	.003	1.6	2.7	93	66	27
FEB													
16...	30	12	2.4	4.4	<.05	.02	.15	.006	1.7	2.8	140	100	33
MAR													
29...	38	8.9	2.2	4.5	<.05	.01	.15	.004	1.4	4.1	140	110	22
MAY													
01...	47	8.4	2.7	4.7	<.05	.02	.13	.004	1.5	2.8	89	65	24
30...	77	8.0	2.8	4.3	<.05	<.01	.12	.004	1.9	3.3	97	72	26
JUN													
26...	150	8.3	3.1	3.6	<.05	.04	.16	.005	3.0	3.5	71	50	21
AUG													
02...	200	8.3	3.1	3.2	<.05	.06	.19	.007	4.2	3.0	62	57	< 10
21...	210	8.3	2.9	3.1	<.05	.06	.20	.004	3.5	3.3	43	31	12
SEP													
26...	180	8.9	3.1	4.4	<.05	.04	.18	.006	2.3	4.7	62	42	20



## 01022890 -- Marshall Brook near Southwest Harbor, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (MG/L) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
FEB 1999													
17...	1115	2.2	37	--	--	--	--	109	.6	5.2	2.0	.85	10
MAR													
17...	0930	3.5	42	--	--	--	--	113	.2	4.8	1.9	1.1	12
APR													
12...	1550	3.5	41	--	--	--	--	96	6.0	4.4	1.8	.97	9.8
MAY													
11...	1020	2.5	84	--	--	--	--	108	7.8	4.4	1.8	.94	11
JUN													
16...	1840	.41	47	761	9.6	--	7.2	140	14.7	7.8	3.0	.85	15
JUL													
14...	1405	.24	39	764	10.4	--	7.3	166	15.6	8.2	3.1	.84	17
AUG													
26...	1700	.10	19	--	9.1	95	7.1	176	17.3	8.2	2.6	.89	16
SEP													
20...	1215	.89	69	--	10.2	98	6.9	160	13.4	7.4	2.8	1.1	19
OCT													
19...	1105	4.0	33	764	11.3	94	6.3	104	7.1	3.0	.64	.21	5.3
NOV													
15...	1130	14	38	738	11.1	90	5.9	94	5.9	2.8	.70	.17	5.7
DEC													
14...	1110	6.1	20	760	12.2	95	6.0	83	4.7	3.2	1.2	.72	8.4
JAN 2000													
10...	1500	2.5	50	758	13.6	97	6.2	105	1.2	4.2	1.6	.63	10
FEB													
16...	1030	11	45	768	12.6	86	5.9	94	-0.2	3.1	1.4	.66	11
MAR													
29...	0840	19	72	753	12.2	90	5.8	72	2.1	2.4	.98	.72	8.3
MAY													
01...	1230	3.4	51	763	11.8	98	6.5	93	7.3	4.0	1.6	.83	10
30...	1305	2.4	65	771	11.4	102	6.8	90	10.9	4.1	1.5	.58	9.7
JUN													
26...	1205	.72	92	759	9.2	94	7.0	140	16.5	6.9	2.3	.64	15
AUG													
02...	1100	.25	100	763	9.4	92	6.8	144	14.3	7.4	2.7	.79	14
21...	1610	.23	94	764	7.7	77	6.8	141	15.5	7.2	2.4	.94	14
SEP													
26...	0840	.61	140	763	9.5	86	6.5	141	10.4	6.8	2.5	1.2	15

01022890 -- Marshall Brook near Southwest Harbor, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER (UG/L) (49288)	ALUMI- NUM MONO- MERIC WATER (UG/L) (49287)
FEB 1999													
17...	160	20	3.6	8.6	.14	.35	.52	.005	3.4	3.8	--	--	--
MAR													
17...	160	21	3.1	6.2	.34	.34	.84	.006	3.7	4.2	--	--	--
APR													
12...	120	18	3.0	6.6	<.05	.33	.47	.005	2.1	4.6	--	--	--
MAY													
11...	190	20	2.9	5.9	<.05	.25	.48	.011	2.9	8.3	170	130	34
JUN													
16...	380	26	3.8	5.3	<.05	.14	.40	.009	5.1	4.8	47	51	< 10
JUL													
14...	380	34	4.1	5.0	.05	.22	.40	.008	5.7	3.8	32	26	< 10
AUG													
26...	350	35	4.6	5.3	<.05	.20	.34	.005	3.6	2.1	12	11	< 10
SEP													
20...	160	27	4.1	17	<.05	.14	.62	.014	2.5	10	120	110	13
OCT													
19...	73	10	3.2	4.9	<.05	<.01	.18	.003	2.6	6.0	160	140	20
NOV													
15...	37	10	2.7	4.6	<.05	<.01	.18	.003	1.5	6.6	290	280	15
DEC													
14...	62	15	2.8	6.6	<.05	.24	.16	.007	1.5	3.7	230	180	53
JAN 2000													
10...	130	19	3.8	7.8	.09	.30	.51	.003	2.6	5.4	130	100	28
FEB													
16...	52	21	2.8	7.1	.13	.27	.55	.007	2.2	5.7	180	160	17
MAR													
29...	53	15	2.4	5.8	.10	.35	.65	.010	1.8	7.8	210	210	< 10
MAY													
01...	26	17	2.5	7.6	<.05	.24	.46	.006	2.4	5.8	110	93	20
30...	190	16	2.0	5.9	<.05	.04	.29	.007	3.3	7.3	130	100	28
JUN													
26...	500	26	3.1	4.6	<.05	.11	.52	.014	5.9	8.6	94	82	12
AUG													
02...	440	27	4.2	3.8	.06	.14	.54	.015	7.2	7.0	88	120	< 10
21...	450	24	4.7	3.4	.05	.11	.51	.014	5.7	7.8	64	50	13
SEP													
26...	390	27	4.1	4.4	<.05	.05	.62	.019	4.5	13	110	92	14

## 01022895 -- Heath Brook near Tremont, ME

## WATER-QUALITY DATA

DATE	TIME	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	BARO- METRIC PRES- SURE (MM OF HG) (00025)	OXYGEN, DIS- SOLVED (MG/L) (00300)	OXYGEN, DIS- SOLVED (MG/L) (00301)	PH WATER WHOLE FIELD (STAND- ARD UNITS) (00400)	SPE- CIFIC CON- DUCT- ANCE FIELD (US/CM) (00094)	TEMPER- ATURE WATER (DEG C) (00010)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)
FEB 1999													
17...	1005	1.1	58	--	--	--	--	48	.7	1.8	.78	.24	4.8
MAR													
16...	1500	2.8	57	--	--	--	--	46	.2	1.6	.81	.24	4.4
APR													
12...	1730	.95	71	--	--	--	--	44	8.6	1.4	.71	.23	4.4
MAY													
11...	0745	.56	140	762	9.2	--	4.9	40	8.4	1.3	.63	.17	4.4
JUN													
15...	1810	.10	270	753	7.2	--	5.5	43	24.2	1.7	.84	.40	5.8
JUL													
14...	1500	.03	260	763	7.6	--	5.8	48	27.6	1.6	.81	.38	5.5
AUG													
26...	1605	.00	300	--	6.3	80	5.6	56	27.6	1.5	.76	.34	6.5
SEP													
20...	1010	.25	170	--	7.8	78	5.2	91	15.9	4.3	2.1	.58	9.3
OCT													
19...	0930	1.2	160	764	8.5	71	4.8	66	7.3	2.2	1.0	.26	6.1
NOV													
15...	0950	3.3	120	738	9.9	79	4.6	66	5.8	2.0	1.0	.24	6.5
DEC													
14...	1020	2.6	94	760	10.9	84	4.6	58	4.2	1.7	.83	.20	5.1
JAN 2000													
10...	1345	.90	74	760	11.7	81	5.0	59	.4	1.8	.93	.18	6.4
FEB													
16...	0840	3.4	62	766	12.0	82	4.4	60	-0.2	1.7	.96	.28	6.5
MAR													
28...	1610	5.8	96	744	10.0	78	4.6	45	5.4	1.3	.70	.30	5.0
MAY													
01...	1055	1.3	73	761	10.0	90	4.5	44	10.4	1.3	.67	.24	5.3
30...	1100	.88	120	769	10.3	100	4.8	41	14.8	1.3	.62	.10	4.8
JUN													
26...	1045	.19	280	759	4.8	52	5.0	43	19.3	1.5	.67	.23	5.1
AUG													
02...	0945	.05	320	761	4.9	51	4.9	44	17.4	1.7	.77	.28	5.0
21...	1720	.04	280	762	6.2	72	5.3	47	23.2	1.8	.81	.27	5.8
SEP													
25...	1505	.28	190	760	8.8	90	5.5	53	16.4	1.8	.91	.22	6.4

01022895 -- Heath Brook near Tremont, ME

WATER-QUALITY DATA

DATE	ANC, WATER, UNFLTRD GRAN, TIT. (UEQ/L) (00409)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	SILICA, DIS- SOLVED (MG/L) AS SIO2) (00955)	SULFATE DIS- SOLVED (MG/L) AS SO4) (00945)	NITRO- GEN, DIS- SOLVED (MG/L) AS NH4) (71846)	NITRO- GEN, DIS- SOLVED (MG/L) AS N) (00618)	NITRO- GEN, TOTAL (MG/L) AS N) (00600)	PHOS- PHORUS TOTAL (MG/L) AS P) (00665)	CARBON, INOR- GANIC, DIS- SOLVED (MG/L) AS C) (00691)	CARBON, ORGANIC DIS- SOLVED (MG/L) AS C) (00681)	ALUM- INUM, DIS- SOLVED (UG/L) AS AL) (01106)	ALUMI- NUM MONMER ORGANIC WATER (UG/L) UNFLTRD (49288)	ALUMI- NUM MONO- MERIC WATER (UG/L) UNFLTRD (49287)
FEB 1999													
17...	6.0	9.3	2.7	5.4	<.05	.04	.19	.005	3.0	6.7	--	--	--
MAR													
16...	.7	7.2	2.4	4.0	<.05	.03	.22	.007	--	6.1	--	--	--
APR													
12...	.7	7.1	1.6	4.2	<.05	.05	.28	.007	.9	7.3	--	--	--
MAY													
11...	22	6.9	1.4	2.6	<.05	.01	.37	.007	2.2	12	210	180	31
JUN													
15...	48	7.7	1.9	1.0	.05	.02	.78	.023	1.4	19	330	260	70
JUL													
14...	59	9.2	2.1	1.4	.07	.04	.90	.021	1.4	19	240	190	54
AUG													
26...	51	9.7	1.5	2.1	<.05	.01	1.1	.046	1.5	17	270	230	42
SEP													
20...	33	10	4.0	16	<.05	.04	.95	.020	6.1	22	310	250	56
OCT													
19...	12	10	3.3	5.6	<.05	.02	.80	.008	3.8	22	350	280	75
NOV													
15...	8.8	10	3.2	5.4	<.05	.06	.48	.007	2.6	17	310	250	65
DEC													
14...	5.0	9.5	2.8	4.9	<.05	.02	.34	.004	1.8	12	260	200	59
JAN 2000													
10...	1.4	10	3.4	5.6	.05	.04	.30	.003	2.7	9.0	190	150	46
FEB													
16...	10	12	2.9	5.4	.08	.04	.29	.007	2.8	7.8	190	160	25
MAR													
28...	2.3	8.4	1.7	4.3	.06	.04	.46	.008	1.8	8.7	170	150	27
MAY													
01...	-0.7	8.0	1.3	4.4	<.05	<.01	.28	.005	1.9	8.5	160	130	30
30...	6.9	7.7	1.4	3.1	<.05	<.01	.35	.006	2.2	13	230	170	59
JUN													
26...	48	8.5	1.7	.7	<.05	<.01	.79	.021	3.7	22	340	280	60
AUG													
02...	56	8.7	2.3	.4	<.05	<.01	.95	.024	2.7	20	320	250	73
21...	59	9.5	2.8	.5	<.05	<.01	.92	.019	1.5	23	270	200	73
SEP													
25...	39	9.4	3.4	2.6	<.05	<.01	.65	.014	1.4	19	320	210	110



Nielsen, M.G., Caldwell, J.M., Culbertson, C.W., and Handley, M., 2002—HYDROLOGIC DATA COLLECTED IN SMALL WATERSHEDS ON MOUNT DESERT ISLAND, MAINE, 1999-2000 — USGS OFR 02-416