USGS
science for a changing world

Prepared in cooperation with the National Park Service

Hydrologic Data Summary for the Northeast Creek/Fresh Meadow Estuary, Acadia National Park, Maine, 2000–2001

Open-File Report 2007–1035

U.S. Department of the Interior
U.S. Geological Survey

Cover. High tide in Northeast Creek, Acadia National Park, Mt. Desert Island, Maine, September 3, 2001 (Photograph by Charles Culbertson, U.S. Geological Survey).

Hydrologic Data Summary for the Northeast Creek/Fresh Meadow Estuary, Acadia National Park, Maine, 2000–2001

By James M. Caldwell and Charles W. Culbertson

Prepared in cooperation with the
National Park Service

Open-File Report 2007–1035

U.S. Department of the Interior
U.S. Geological Survey

U.S. Department of the Interior
DIRK KEMPTHORNE, Secretary

U.S. Geological Survey
Mark D. Myers, Director

U.S. Geological Survey, Reston, Virginia: 2007

For sale by U.S. Geological Survey, Information Services
Box 25286, Denver Federal Center
Denver, CO 80225

For more information about the USGS and its products:
Telephone: 1-888-ASK-USGS
World Wide Web: http://www.usgs.gov/

Suggested citation:
Caldwell, J.M., and Culbertson, C.W., 2007, Hydrologic data summary for the Northeast Creek/Fresh Meadow estuary, Acadia National Park, Maine, 2000–2001: U.S. Geological Survey Open-File Report 2007–1035, 81 p.

Contents

Figures

Tables

Conversion Factors, Datum, and Other Abbreviations

Multiply	By	To obtain
Length		
centimeter (cm)	0.3937	inch (in.)
meter (m)	3.281	foot (ft.)
kilometer (km)	.6214	mile (mi.)
millimeter (mm)	.03937	inch (in.)
Area		
square kilometer (km^2)	.3861	square mile (mi^2)
Volume		
milliliter (mL)	.0338	fluid ounce
liter (L)	.2642	gallon
cubic meter (m^3)	8.110×10^{-4}	acre-foot
cubic meter (m^3)	35.31	cubic foot
Mass		
milligram (mg)	3.527×10^{-8}	ounce
kilogram (kg)	2.205	pound
kilogram per square kilometer per year ($kg/km^2/yr$)	5.710	pound per square mile per year
Flow rate		
cubic foot per second (ft^3/s)	.02832	cubic meter per second

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

$$°F = (1.8 \times °C) + 32$$

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) or in micrograms per liter (μg/L).

OTHER ABBREVIATIONS USED IN THIS REPORT:

mg/L	milligrams per liter
µg/L	micrograms per liter
WRI	Water Research Institute
USGS	United States Geological Survey
UM	University of Maine
DOC	dissolved organic carbon
DIC	dissolved inorganic carbon
ICP-MS	inductively coupled plasma mass spectrometry
DIN	dissolved inorganic nitrogen
DON	dissolved organic nitrogen

Hydrologic Data Summary for the Northeast Creek/ Fresh Meadow Estuary, Acadia National Park, Maine, 2000–2001

By James M. Caldwell and Charles W. Culbertson

Abstract

The U.S. Geological Survey, in cooperation with the National Park Service, collected data in Northeast Creek estuary, Mt. Desert Island, Maine, to establish baseline water-quality conditions including estuarine nutrient concentrations. Five sampling sites in Northeast Creek were established and monitored continuously for temperature and specific conductance during May to November, 2000 and 2001. Stream stage, which was affected by ocean tidal dynamics, was recorded at the most downstream site and at one upstream site. Discrete water samples for nutrient concentrations were collected biweekly during May to November, 2000 and 2001, at the five sampling sites, and an additional site seaward of the estuary mouth. Results indicated that the salinity regime of Northeast Creek estuary is dynamic and highly regulated by strong seasonal variations in freshwater runoff, as well as limited seawater exchange caused by a constriction at the bridge, at the downstream end of the estuary. Oligohaline conditions (0.5–5 practical salinity units) occasionally extend to the estuary mouth. During other periods oligohaline and mesohaline (5–20 practical salinity units) conditions exist in some areas of the estuary; polyhaline/marine (20–35 practical salinity units) conditions occasionally exist near the mouth. A saltwater wedge in the bottom water, due to density stratification, was observed to migrate upstream as fresh surface-water inputs diminished during the onset of summer low-flow conditions. Although specific conductance ranged widely at most sites because of tidal influences, other water-quality constituents, including nutrient and chlorophyll-*a* concentrations, exhibited seasonal distribution patterns in which maximum levels generally occurred in early to mid-summer and again in the fall over both field seasons.

Introduction

Acadia National Park is located on Mt. Desert Island, on the central coast of Maine (fig. 1). The area has experienced rapid residential development outside of park boundaries since the late 1990's. Changes in water quality on Mt. Desert Island primarily have been attributed to air pollution and residential development within the watersheds (Neckles and others, 2003; Nielsen, 2002; Doering and others, 1995). Acadia's Water Resources Management Plan (Acadia National Park, 2000; Manski, 1998) identifies accelerated rates of freshwater and coastal marine eutrophication as a priority water-quality issue and one of the Park's most important resource management challenges. A substantial amount of recent residential development on Mt. Desert Island has occurred within the Northeast Creek/Fresh Meadow watershed (Nielsen, 2002), prompting concerns by resource managers at the Park that Northeast Creek is susceptible to accelerated nutrient enrichment and eutrophication. To address these concerns, in 2000 the USGS (U.S. Geological Survey) initiated a study, in cooperation with the National Park Service, to establish baseline water-quality conditions for Northeast Creek/Fresh Meadow watershed, Mt. Desert Island, Maine. The study will allow the effects of additional land use and land cover changes in the watershed to be assessed, and is part of an ongoing effort by the USGS to characterize water resources in Acadia National Park. Additional hydrologic data collected in Acadia National Park during this time period, including streamflow and water-quality data from four perennial streams that flow to Northeast Creek are found in Nielsen and others (2000), Stewart and others (2001), and Nielsen (2002).

Purpose and Scope

This report presents and describes all data collected during the baseline study of Northeast Creek/Fresh Meadow estuary and summarizes all methods and techniques used for data collection and analysis. Data were collected at six sites within the Northeast Creek/Fresh meadow estuary during ice-free months (May–November) of 2000–01. Continuous water-temperature and specific conductance data were collected at stations 101, 102, 103, 104, and 105 at two discrete depths. Continuous stage data were collected at stations 101 and 103 (fig. 1). Data collection also included biweekly water-quality sampling at stations 100–105. Samples were analyzed for 18 water-quality constitu-

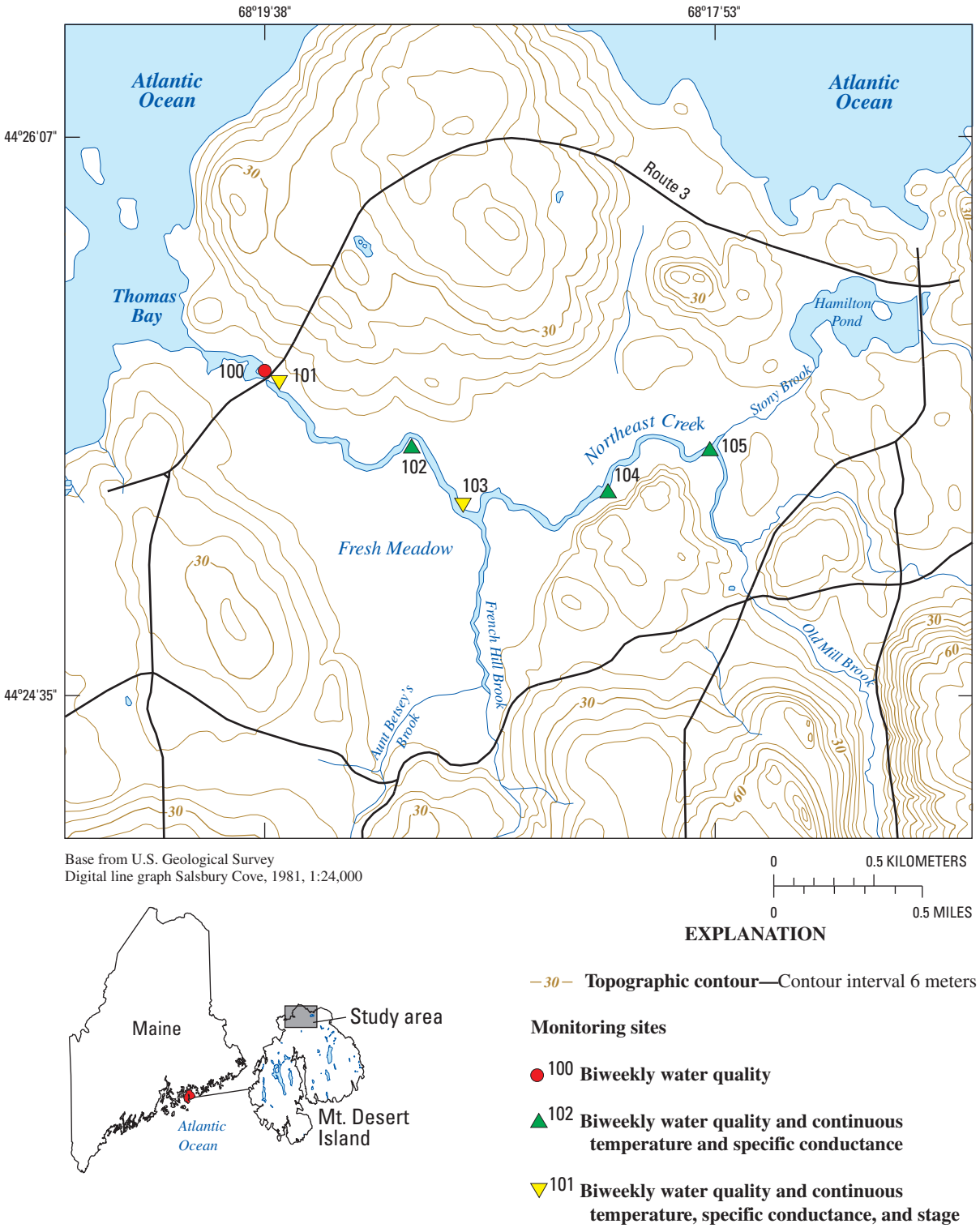

Figure 1. Location of the Northeast Creek-Fresh Meadow study area, Acadia National Park, Maine.

ents, including nutrients, silica, and chlorophyll-*a*. Time-series graphs were constructed to compare specific conductance and stage data, and to illustrate the distribution of selected water-quality constituents. All data collected during the study, including quality-assurance records and a stage-discharge rating for one site, are presented as tables in the appendixes.

Description of Study Area

The study area is located on Mt. Desert Island, Maine (fig. 1). Topography ranges from hills with slopes of about 5 percent to mountains with slopes greater than 60 percent. Annual rainfall is about 50 in/yr (National Oceanic and Atmospheric Administration, 1979–1999), about 10 in. greater than the average for other coastal areas in Maine. National Park Service land constitutes more than half the area of Mt. Desert Island. As of 2000, the year-round population of the island was 8,770 (U.S. Census Bureau, 2001). The island population increases substantially each summer due to the influx of seasonal residents. Acadia National Park receives about 2.5 million visitors per year.

The Northeast Creek/Fresh Meadow wetland, located on the northern lobe of Mt. Desert Island (fig. 1), is the largest estuarine wetland on the island, and a primary physiographic feature of the park. Although a substantial part of the estuarine wetland is within park boundaries, much of the Northeast Creek watershed lies outside the park. Surface-water inputs to the wetland include four perennial streams and three intermittent streams. Areas adjacent to the wetland do not contribute any substantial channelized surface-water flow to the wetland or creek; however, they may contribute shallow ground-water flow to the wetland (Nielsen, 2002). The four perennial streams and their drainage areas are Stony Brook (2.60 mi^2), Old Mill Brook (2.37 mi^2), Aunt Betsy's Brook (0.63 mi^2), and French Hill Brook (0.54 mi^2). The three intermittent streams have a combined drainage area of 1.31 mi^2. The Northeast Creek/Fresh Meadow wetland has an area of 0.71 mi^2; the surface area of Northeast Creek itself is estimated to be 0.05 mi^2 (Nielsen, 2002).

The outlet of Northeast Creek flows into Thomas Bay (fig. 1), and is constricted vertically by remnants of an old rock dam that lie slightly below the mean high tide line (Nielsen, 2002), and horizontally by bridge abutments. Tidal flow into and out of Northeast Creek varies as a function of the biweekly tidal cycle. During the flooding spring tides, seawater flows over the control structure into Northeast Creek with seaward flow occurring during the subsequent ebbing tide. During neap tides the estuary receives little or no seawater input and the tidal amplitude is dampened or undetectable.

Data Collection and Analysis

Biweekly Sampling

Biweekly water-quality sampling for nutrients, chlorophyll-*a*, and water quality parameters of temperature, specific conductance, pH, and dissolved oxygen, was conducted at 6 sites in the study area (fig. 1; table 1) and included Van-Dorn-style sampling and in situ water-quality measurements. All water chemistry analyses except for chlorophyll-*a* were performed at the Water Research Institute (WRI) inorganic chemistry laboratory at the University of Maine (UM). The laboratory participates in the USGS standard reference sample program (Long and others, 1998), which is used to detect and correct possible analytical deficiencies and problems. The UM laboratory met all USGS analytical requirements for the constituents analyzed for this study. Chlorophyll-*a* samples were analyzed at the Bigelow Laboratory for Ocean Sciences, East Boothbay Harbor, ME. Quality assurance procedures for chlorophyll-*a* analyses included collection of random duplicate samples, and performing appropriate equipment, filter, and solvent blank analyses at each biweekly sampling interval.

Table 1. Sites sampled along Northeast Creek near Bar Harbor, Maine.

[dd, degrees; mm, minutes; ss, seconds]

USGS station identifier	Site number on figure 1	Latitude (dd mm ss)	Longitude (dd mm ss)	Bi-weekly samples	Stage	15-minute recorded conductance	15-minute recorded temperature
442530068193901	100	44 25 30	68 19 39	x			
01022820	101	44 25 28	68 19 36	x	x	x	x
442517068190501	102	44 25 17	68 19 05	x		x	x
442507068185301	103	44 25 07	68 18 53	x	x	x	x
442509068181901	104	44 25 09	68 18 19	x		x	x
442516068175501	105	44 25 16	68 17 55	x		x	x

Biweekly water-quality samples were collected 0.2 m below the water surface and about 0.2 m from the streambed using a 2-L Van-Dorn-style water sampler, and combined in a churn splitter. Water column depth at each of the sites typically averaged about 1 m, although depths varied because of tidal cycle and changing flow conditions from tributaries. Composite samples were subsampled into amber or clear polypropylene or glass containers, depending on type of analysis, and chilled immediately on ice. Samples for dissolved constituents were filtered through a 0.45-μm Nuclepore polycarbonate filter within 6 hours of collection, and transported on ice to the WRI inorganic chemistry laboratory for analysis.

In-situ water-quality measurements of temperature, pH, specific conductance, and dissolved oxygen were made about 0.2 m below the water surface and about 0.2 m from the streambed at each site at the time of sample collection using a Hydrolab Minisonde 4a multi-parameter water-quality sensor. Calibration of the water-quality sensor was performed twice daily using standards selected to bracket the expected range of field values.

Samples for chlorophyll-*a* analysis were collected in amber 2-L polypropylene Nalgene bottles from composite water column samples, as described above, and chilled immediately on ice. Triplicate sub-samples were filtered in the laboratory under low light onto 47-mm Whatman GF/F glass-fiber filters (effective pore size = 0.7 μm) within 6 hours of collection, and stored frozen (-40°C) until extracted and analyzed within 4 weeks of being filtered.

The results of water-quality analyses performed on these samples and the associated field readings are shown in appendix 1. The tables are organized by calendar year, station and date. The quality assurance data that accompanies those results are shown at the end of appendix 1; also organized by calendar year, station and date.

Samples were analyzed for total and dissolved concentrations of nutrients (nitrogen and phosphorus), chlorophyll-*a*, and dissolved silica. Total nitrogen analyses included particulate and dissolved organic and inorganic nitrogen; dissolved nitrogen analyses included only dissolved inorganic species (ammonium and nitrate in 2000; ammonium, nitrate and nitrite in 2001). Total phosphorous analyses included particulate and dissolved organic and inorganic phosphorous; dissolved phosphorous analyses included only ortho-phosphate. During the 2000 season samples also were analyzed for selected major ions, and dissolved organic and inorganic carbon. The constituents analyzed and their associated reporting limits are presented in table 2. Table 3 provides further details about the analytical methods used for selected constituents.

Table 2. Constituents and minimum reporting limits for water-quality sample analyses conducted as part of this study.

[°C, degrees Celsius; na, not applicable; ms/cm, microsiemens per centimeter; mg/L, milligrams per liter; μg/L, micrograms per liter; N, nitrogen; P, Phosphorus; NWIS, National Water Information System]

USGS NWIS parameter code	Constituent (units)	Minimum reporting limit
00010	Temperature, water (°C)	0.1
00095	Specific conductance, field (μs/cm at 25°C)	1.
00300	Oxygen, dissolved (mg/L)	0.1
00301	Oxygen, dissolved (percent of saturation)	na
00400	pH, field, unfiltered water (standard units)	na
00915	Calcium, dissolved (mg/L)	0.05
00925	Magnesium, dissolved (mg/L)	0.05
00930	Sodium, dissolved (mg/L)	0.05
00935	Potassium, dissolved (mg/L)	0.05
00940	Chloride, dissolved (mg/L)	0.1
00945	Sulfate, dissolved (mg/L as SO_4)	0.2
00955	Silica, dissolved (mg/L as SiO_2)	0.5
00618	Nitrogen, nitrate, dissolved (mg/L as N)	0.01
00631	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N)	0.5
71846	Nitrogen, ammonia, dissolved (mg/L as NH_4)	0.05
00600	Nitrogen, total (mg/L as N)	0.01
00671	Phosphorus, orthophosphate, dissolved (mg/L as P)	0.1
00665	Phosphorus, total (mg/L)	0.001
00681	Carbon, organic, dissolved (mg/L)	0.5
00691	Carbon, inorganic, dissolved (mg/L)	0.5
32209	Chlorophyll-*a* (μg/L)	0.1

Table 3. Analytical methods used for selected water-quality constituents in this study.

[EPA, Environmental Protection Agency; nm, nanometer]

Constituent	Storage temperature (degrees Celsius)	Maximum storage time prior to analysis (days)	Analytical method	Reference
Ammonium[1]	4	28	Colorimetry at 660 nm using an autoanalyzer	Morrison (1989)
Chlorophyll-a[2]	-40	28	Fluorimetry. See report for further details	Hohm-Hansen and others (1965); Lorenzen (1967)
Dissolved anions[1]	4	28	Ion Chromatography EPA Method 300.0	U.S. Environmental Protection Agency (1984, 1993)
Dissolved cations[1]	4	28	Ultrasonic nebulization and inductively coupled plasma with mass spectroscopy detection	U.S. Environmental Protection Agency (1979)
Dissolved inorganic carbon[1]	4	5	EPA persulfate method 415.1, and infrared, direct injection method 13.0	U.S. Environmental Protection Agency (1979; 1987)
Dissolved organic carbon[1]	4	5	EPA persulfate method 415.1, and infrared, direct injection method 13.0	U.S. Environmental Protection Agency (1979; 1987)
Dissolved silica[1]	4	28	Colorimetry, using standard method 4500-SiO_2	American Public Health Association and others (1998)
Nitrate plus Nitrite [1,3]	4	7	Colorimetry, EPA method 353.2, Cadmium reduction	U.S. Environmental Protection Agency (1979)
Total nitrogen	4	28	Alkaline persulfate digestion followed by colorimetric detection at 540 nm using an autoanalyzer	U.S. Environmental Protection Agency (1987)
Total phosphorus	4	28	Standard method 4500-E	American Public Health Association and others (1998)

[1]Samples filtered through 0.45 micron Nuclepore polycarbonate filter.

[2]Samples were filtered onto Whatman GF/F filters and extracted using 90-percent spectophotometric grade acetone.

[3]Samples acidified with H_2SO_4 prior to analysis—analysis run in 2001 only.

Continuous Monitoring

Continuous temperature, specific conductance, and stage data were collected at a time interval of 15-minutes. Water temperature and specific conductance were monitored continuously at 2 depths at stations 101–105 during ice-free months in the Northeast Creek estuary in 2000 and 2001. The temperature/conductivity sensors at these sites were installed at fixed depths, about 0.2 m below the mean low tide water surface, and about 0.2 m above the streambed. Stream stage was recorded to the nearest 0.01 foot at station 101 from May 2000 to November 2001 using an in-line pressure sensor/nitrogen conoflow system mounted on the stream bottom (Carter and Davidian, 1968). For comparison with station 101, relative stage was measured at 15-minute intervals at station 103 from September to November 2000 and May to November 2001 using a submersible pressure transducer.

A Wetlabs ECO-DFLS submersible recording fluorometer (Wetlabs Inc., Philomath, OR) was installed at a depth of about 0.4 m below the mean low tide water surface at station 102 during much of this project as a means to estimate changes in chlorophyll-*a* concentration between sampling visits. As this is a fixed-depth instrument, the measurements reflect chlorophyll-*a* concentration at that depth, and may not represent chlorophyll-*a* concentrations throughout the water column. These data were collected for experimental purposes and are not included in this report; however they are available upon request at the USGS Water Science Center in Augusta, Maine.

Six stream discharge measurements were made at station 101 over a range of hydrologic conditions and used with corresponding stream stage values to develop a stage-discharge relation (Rantz and others, 1982), which is shown later. Although computation of outflow (positive discharge) at station 101 was beyond the scope of this study, the rating can be used to determine outflow from Northeast Creek.

The stream stage data collected at station 101 were used to estimate the magnitude of the tidal signal during periods of tidal inflow. Further upstream, stage data collected at station 103 were used to determine the relative change in stage caused by tidal changes or upland freshwater runoff. The continuous temperature and specific conductance data collected at all sites were used to determine the extent and timing of saltwater intrusion upstream into Northeast Creek, or freshwater signatures from surface water or ground water inputs.

Summary of Water Quality and Hydrologic Data

Although the Northeast Creek estuary/watershed is primarily a freshwater system, it frequently is affected by seawater, which was detected at the most upstream data collection sites during reduced streamflow conditions and high spring tides. This often is observed as a seasonal phenomenon. The increased salinity, which can be determined from the specific conductance (Hem, 1992) was especially evident in bottom waters because of density stratification. Specific conductance (salinity) varied widely at most sites because of tidal influences and freshwater inputs to the estuary/watershed (figs. 2 and 3). Overall specific conductivity in the estuary ranged from less than 100 µS/cm to that of seawater (about 50,000 µS/cm; Hem, 1992). Other water-quality constituents, including nutrients and chlorophyll-*a*, exhibited seasonal distribution patterns, with maximum concentrations generally observed in early to mid-summer, and again in the fall during both study seasons (fig. 4, and 5).

Results of the water-quality analyses, including associated measurements and applicable quality-assurance data are presented in appendix 1, tables A1–A14. The 15-minute temperature and specific conductance data collected at stations 101–105 are presented as daily values in appendix 2, tables A15–A24. Missing record in the tables is the result of instrument malfunctions that occurred during the study period. The 15-minute stream stage data collected at stations 101 and 103 are presented as daily values in appendix 3, tables A25–A28. The stream stage-discharge relation developed for station 101 is shown in appendix 4, table A29.

May–November 2000

Dissolved inorganic nitrogen (DIN) species concentrations (nitrate and ammonia) generally were below the reporting limit for nitrate (0.01 mg/L), and at or below the reporting limit for ammonia (0.05 mg/L). Some elevated ammonia concentrations (0.06–0.6 mg/ L) however, were detected at the downstream sites (stations 100–103, fig. 4), with the greatest values generally occurring at the most seaward site (station 100). Total nitrogen concentrations varied from 0.26 to 0.82 mg/L over the entire creek during the open-water season (fig. 4). Peak concentrations were observed in June–July at stations 102–105 (0.68 to 0.77 mg/L), with a second peak occurring in September at stations 101–103 (0.77 to 0.82 mg/L). In general, dissolved organic nitrogen (DON) constituted the bulk of the total nitrogen pool.

Phosphorus concentrations showed similar seasonal distributions to those observed for total nitrogen (fig. 4). Reactive (ortho) phosphorus concentrations (reporting limit = 0.1 mg/L) generally were relatively low at all sites (0.1 to 10.0 mg/L), except for station 100, the most seaward site, which ranged from 0.5 to 57 mg/L. With the exception of station 100, dissolved inorganic phosphorus contributed little to the total phosphorus pool in the water column. Peaks in total phosphorous (30 to 43 mg/L) were observed in late-June at stations 101–105. A second peak (27 to 39 mg/L) was observed at stations 101–105 between early-September and early-October (fig. 4; appendix 1, tables A2–A12). In both observed seasonal peaks the bulk of the phosphorus occurred in the particulate (organic plus inorganic) form, and/or the dissolved organic form, although the amount within each of these pools was not determined. Total phosphorus at station 100 ranged from 21 to 81 mg/L during the entire season; ortho-phosphate accounted for 24 to 74 percent of the total phosphorous pool (appendix 1, table A1).

Chlorophyll-*a* concentrations showed a similar seasonal distribution to that observed for total nitrogen and total phosphorus. A mid-June to early-July peak (18.2–34.9 µg/L) was observed at stations 101–105, with the greatest value (34.9 µg/L) occurring at station 103, Aunt Betsy's Brook (fig. 4). A second lower peak (8.8–12.9 µg/L) was observed in early-October at stations 101–103, with the greatest value again recorded at station 103 (fig. 4). Chlorophyll-*a* concentrations at station 100, the most seaward site, were relatively low (0.8–3.4 µg/L) during the entire season. Note that chlorophyll-*a* concentrations shown in figure 4 are plotted as total chlorophyll (chlorophyll-*a* plus pheophytin), and are slightly higher than the concentrations shown in appendix 1, which were corrected for pheophytin.

The period of continuous water temperature and specific conductivity record collected at the individual stations varied because of different equipment installation dates and periods of missing record. For May through November 2000 (the period of biweekly sampling) the minimum recorded water temperature was 0.2°C at station 105 on November 25 and the maximum was 31°C at station 103 on August 11. During the same period, the minimum specific conductance was 16 µS/cm on May 21 at station 104 and the maximum was 53,500 µS/cm on October 28 at station 101.

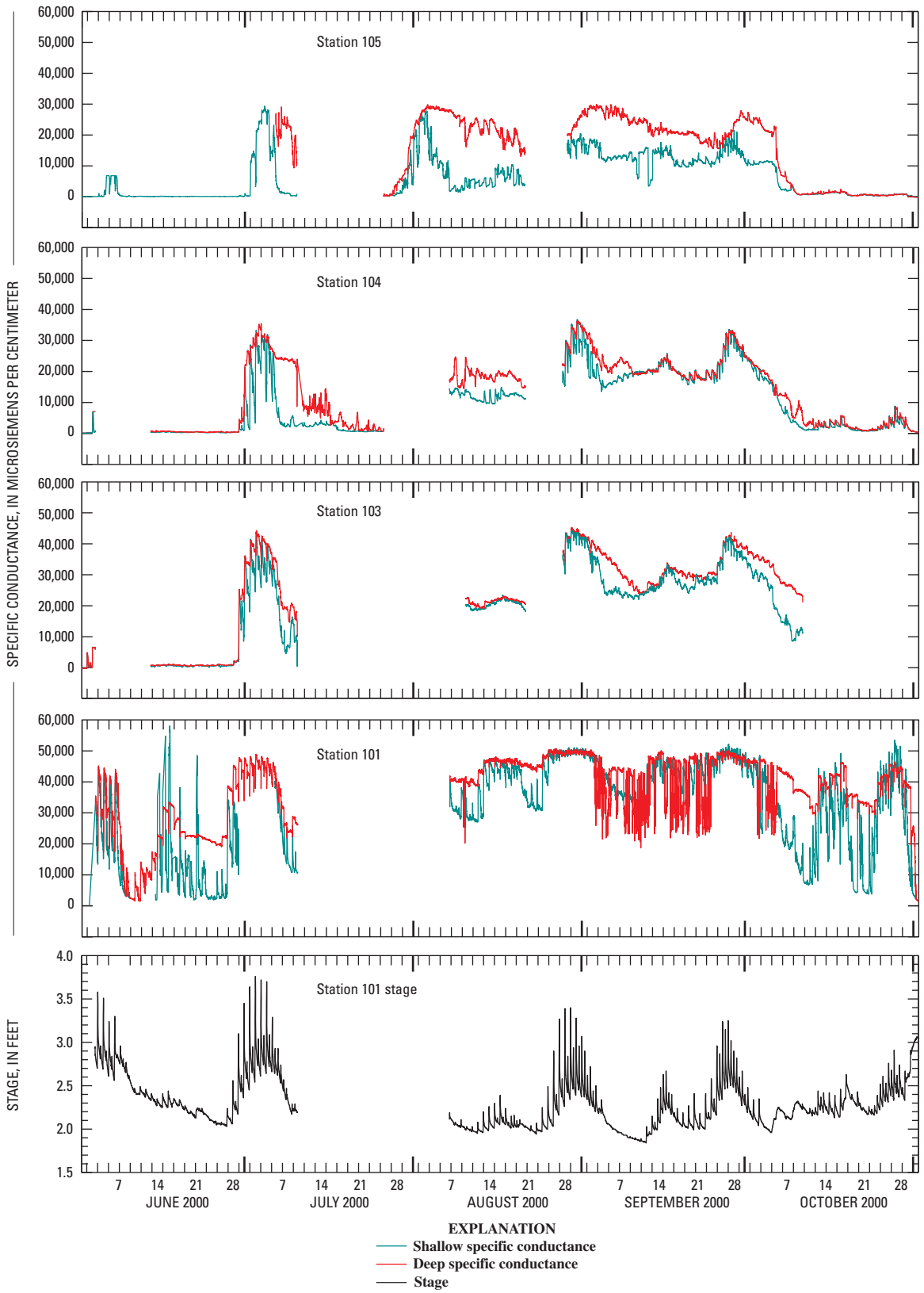

Figure 2. Continuous specific conductance and stage at selected sites during June–October 2000 in the Northeast Creek-Fresh Meadow estuary, Acadia National Park, Maine.

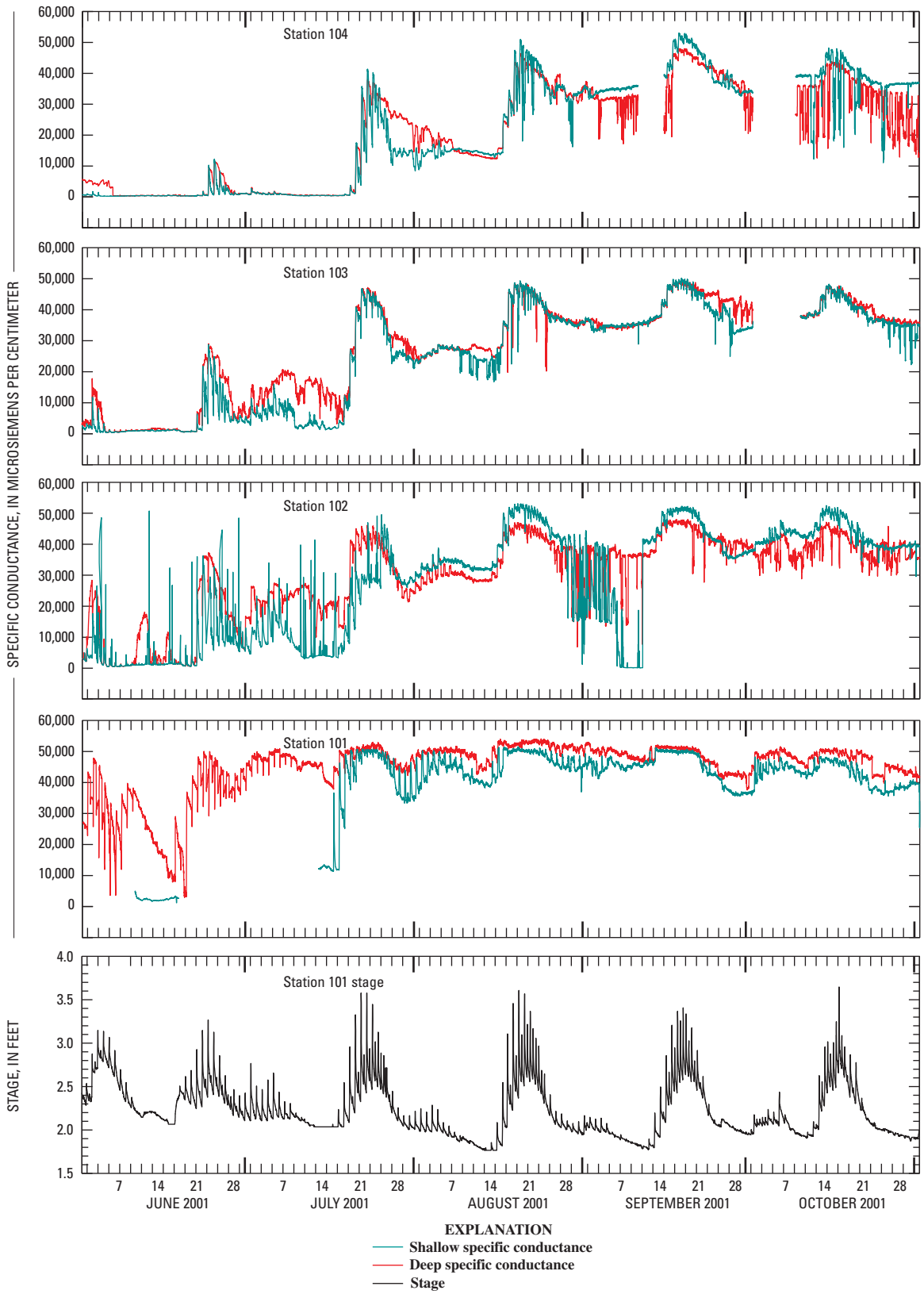

Figure 3. Continuous specific conductance and stage at selected sites during June–October 2001 in the Northeast Creek-Fresh Meadow estuary, Acadia National Park, Maine.

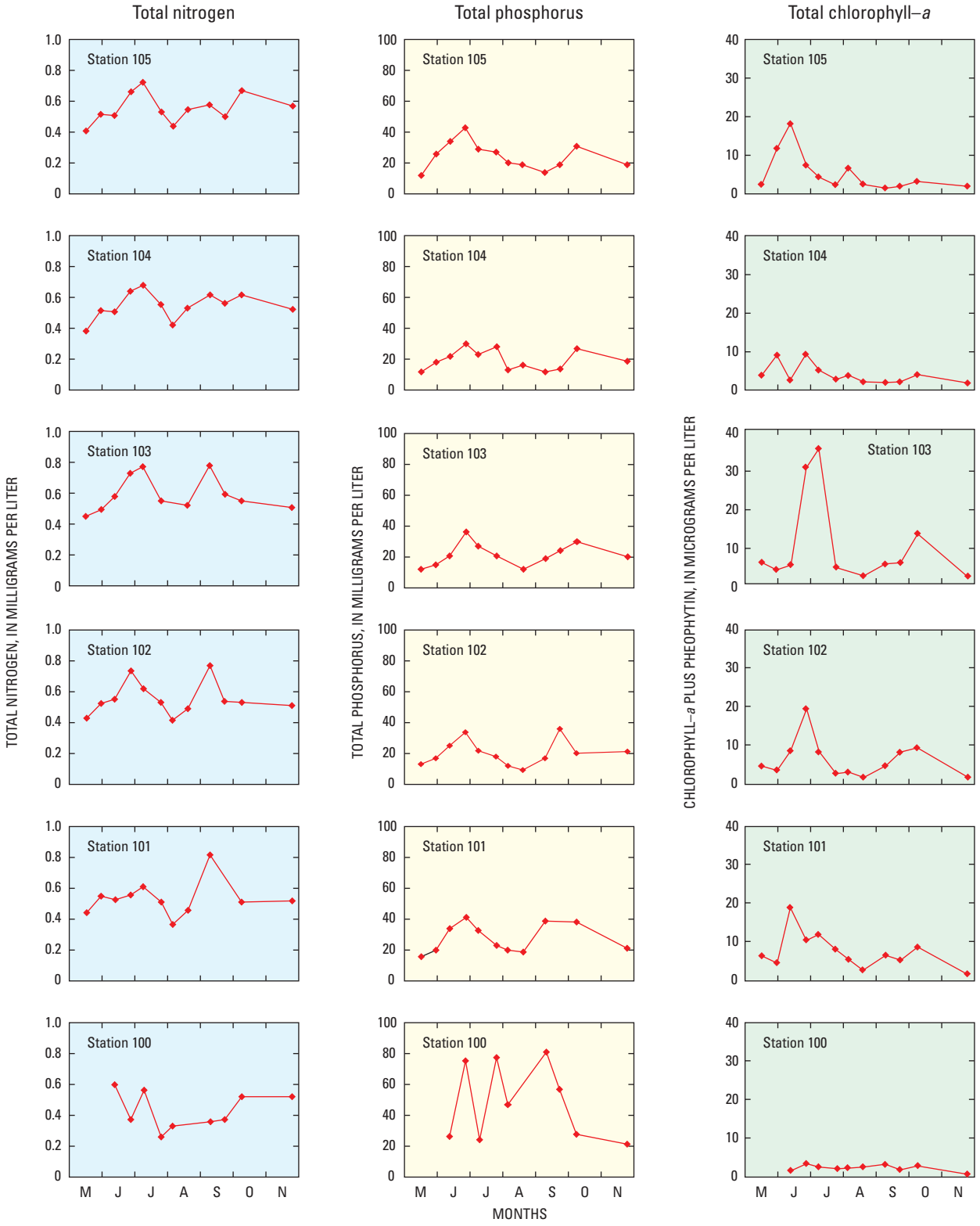

Figure 4. Total nitrogen, phosphorus, and chlorophyll-*a* concentrations during May–November 2000 at stations 100–105 in the Northeast Creek-Fresh Meadow estuary, Acadia National Park, Maine.

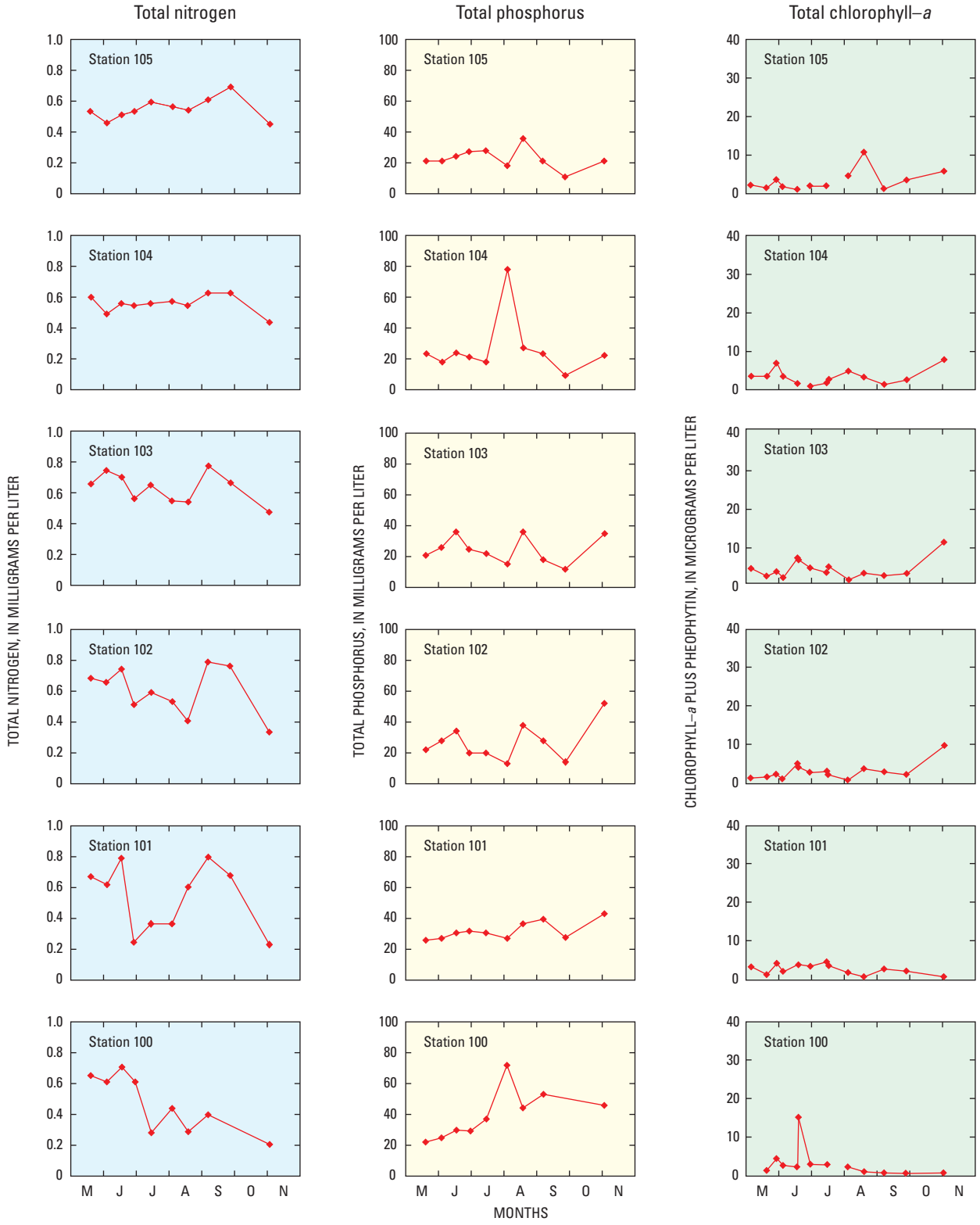

Figure 5. Total nitrogen, phosphorus, and chlorophyll-*a* concentrations during May–November 2001 at stations 100–105 in the Northeast Creek-Fresh Meadow estuary, Acadia National Park, Maine.

May–November 2001

The same general trends observed in the 2000 field season occurred in 2001, although the maxima occurred slightly earlier in 2001. DIN concentrations (nitrate, nitrite and ammonia) were generally below the reporting limit for nitrate and nitrite (0.01 mg/L), and at or below the reporting limit for ammonia (0.05 mg/L). As in 2000 however, some elevated ammonia concentrations (0.1–0.5 mg/L) were detected at the downstream sites (stations 100–103), with the greatest values generally occurring at the most seaward site (station 100). Total nitrogen concentrations ranged from 0.21 to 0.80 mg/L over the entire creek during the open water season (fig. 5). Peak concentrations (0.71 to 0.79 mg/L) were observed at stations 100–103 in early to mid-June, with a second peak (0.39 to 0.80 mg/L) occurring at all sites in late-August through late-September. Although a second peak was detected at all sites, the greatest values (0.78 to 0.80 mg/L) occurred at stations 101–103. As in the 2000 field season, dissolved organic nitrogen (DON) constituted the bulk of the total nitrogen pool.

Phosphorus concentrations showed similar seasonal distributions to those observed in the 2000 field season, although the fall maxima occurred slightly later in the season (fig. 5). Reactive (ortho) phosphorus concentrations were low (1.4 to 11 mg/L) at stations 103–105, compared to the more seaward stations 100–102, where concentrations ranged from 4.3 to 39 mg/L. As in the 2000 field season, ortho-phosphate accounted for a substantial portion of the total phosphorus pool at station 100. With the exception of station 101 during the spring, dissolved inorganic phosphorus contributed little to the total phosphorus pool in the water column at the upstream sites. As in 2000, most of the total phosphorus occurred in the particulate (organic plus inorganic) form, and/or the dissolved organic form, although the amount within each of these pools was not determined. Maximum concentrations were observed in mid-June (24 to 36 mg/L), August (36 to 78 mg/L), and early-November (21 to 52 mg/L). Total phosphorus at station 100 ranged from 22 to 72 mg/L over the entire season, with the maximum occurring in early-August; ortho-phosphate accounted for 17 to 74 percent of the total phosphorous pool (fig. 5; appendix 1, table A7).

Chlorophyll-*a* concentrations also showed a similar seasonal distribution to that observed in 2000, with small peaks occurring in mid-June (8.1 to 24.1 µg/L), and larger peaks (6.7 to 14.7 µg/L), associated with stations 102–105, occurring in early-November. The greatest concentration (14.7 µg/L) was observed at station 103, Aunt Betsy's Brook. As in 2000, the chlorophyll-*a* concentrations at the most seaward site (station 100), were low (2.3 to 7.7 µg/L) during the entire season, with the exception of one sample in mid-June that had a concentration of 24.1 µg/L (fig. 5; appendix 1, table A7).

During the 2001 field season, the period of continuous water temperature and specific conductivity record collected at the individual stations varied because of different equipment installation dates and periods of missing record. For May through November 2001 (the period of biweekly sampling) the minimum recorded water temperature was 2.7°C at station 102 on October 31, and the maximum was 34.5°C at station 101 on June 15. During the same period at station 101, the minimum recorded specific conductance was 84 µS/cm on June 5 and the maximum was 53,900 µS/cm on June 9.

References Cited

Acadia National Park, 2000, Water Resources Management Plan: NPS D-209, April 2000, 102 p.

American Public Health Association, American Water Works Association, and Water Pollution Control Federation, 1998, Standard methods for the examination of water and wastewater (20th ed.): Washington, D.C., American Public Health Association [variously paged].

Carter, R.W., and Davidian, J., 1968, General procedure for gaging streams: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. A6, 13 p.

Doering, P.H., Beatty, L.L., Keller, A.A., Oviatt, C.A., and Roman, C.T., 1995, Water quality and habitat evaluation of Bass Harbor Marsh, Acadia National Park, Maine: National Park Service Technical Report: NPS/NESORNR/NRTR/95-31, 148 p.

Hem, J.D., 1992, Study and interpretation of the chemical characteristics of natural water, U.S. Geological Survey Water-Supply Paper 2254, 263 p.

Holm-Hansen, O., Lorenzen, C.J., Holmes, R.W., and Strickand, J.D.H., 1965, Fluorometric determination of chlorophyll: Journal du Conseil International pour l'Exploration de la Mer., no. 30, p. 3–15.

Long, H.K., Daddow, R.L., and Farrar, J.W., 1998, U.S. Geological Survey standard reference sample project: Performance evaluation of analytical laboratories: U.S. Geological Survey Fact Sheet FS-031-98, 4 p.

Lorenzen, C.J., 1967, Determination of chlorophyll and phaeopigments: Spectrophotometric Equations: Limnology and Oceanography, no. 12, p. 343–346.

Manski, D., 1998, Resource Management Plan for Acadia National Park, 33 p.

Morrison, M., 1989, Quality-assurance plan for the long-term monitoring program: U.S. Environmental Protection Agency Laboratory, Chervils, Oregon, 77 p.

National Oceanic and Atmospheric Administration, 1979–1999, Climatological Data Annual Summaries.

Neckles, H.A., Kopp, B.S., and Guntenspergen, G.R., 2003, Autotrophic responses to nutrient loadings in a *Ruppia*-dominated estuary: Current status and future projections, 17th Biennial Conference of the Estuarine Research Federation, September 14–18, Seattle, Washington.

Nielsen, J.P., Stewart, G.J., and Caldwell, J.M., 2000, Water resources data for Maine, water year 1999: U.S. Geological Survey Water-Data Report ME-99-1, 194 p.

Nielsen, M.G., 2002, Water budget for and nitrogen loads to Northeast Creek, Bar Harbor, Maine: U.S. Geological

Survey Water Resources Investigations Report 02–4000, 32 p.

Rantz, S.E., and others, 1982, Measurement and computation of streamflow: U.S. Geological Survey Water-Supply Paper 2175, v. 2, 631 p.

Stewart, G.J., Nielsen, J.P., Caldwell, J.M., and Cloutier, A.R., 2001, Water resources data for Maine, water year 2000: U.S. Geological Survey Water-Data Report ME-00-01, 233 p.

U.S. Census Bureau, 2001, American housing survey generated by Martha Nielsen using data extraction system: http://www.census.gov/des/p1; (21 November 2001).

U.S. Environmental Protection Agency, 1979, Methods for chemical analysis of water and wastes: EPA 600/4-79-020, 460 p. Revised 1983.

U.S. Environmental Protection Agency, 1984, Method 300.0, Determination of inorganic anions in drinking water by ion chromatograph: EPA 600/4-84-017, Revised 1993.

U.S. Environmental Protection Agency, 1987, Handbook of methods for acid deposition studies: laboratory analysis for surface water chemistry: EPA 600/4-87-026 [variously paged].

U.S. Environmental Protection Agency, 1993, Methods for the determination of inorganic substances in environmental samples: EPA 600/R-93-100, 169 p.

Appendix 1

Bi-weekly water-quality data, all stations

Table A1. Water-quality data collected May-November 2000 at station 100 (USGS identifier 442530068193901) Northeast Creek below Route 3 bridge near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
JUN 2000								
14...	1020	.30	757	9.3	103	7.8	32400	13.9
28...	0800	.10	756	5.9	73	7.3	42800	17.0
JUL								
11...	0815	.10	754	4.4	52	7.1	36800	16.4
27...	0750	.20	772	4.3	53	7.3	47000	16.8
AUG								
07...	1740	.30	758	7.0	90	7.6	46300	18.6
22...	1625	.30	770	10.6	151	8.1	47800	24.6
SEP								
12...	1100	.60	752	11.6	148	7.8	50900	16.7
12...	1115	.50	752	10.6	137	7.8	50900	17.2
25...	1015	.30	761	6.6	76	7.5	50100	12.1
OCT								
11...	1115	.40	754	9.9	98	7.5	41700	6.9
NOV								
29...	1245	.20	758	9.1	69	6.0	157	3.3

Date	Time	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
JUN 2000								
14...	1030	42.0	142	38.5	954	2040	.480	267
28...	0755	255	780	251	6230	3000	.290	1660
JUL								
11...	0800	127	388	131	3390	5280	.360	768
27...	0745	331	957	309	8250	15300	.240	1870
AUG								
07...	1730	285	852	302	7640	24200	.200	4730
22...	1620	339	1020	333	9500	17900	.320	2520
SEP								
12...	1050	373	1150	395	9190	26900	.230	2580
25...	1010	342	1050	381	8610	16700	.160	2320
OCT								
11...	1110	116	286	115	2280	4580	1.53	619
NOV								
29...	1245	2.73	2.29	1.61	22.0	30.0	2.66	7.0

Table A1. Water-quality data collected May-November 2000 at station 100 (USGS identifier 442530068193901) Northeast Creek below Route 3 bridge near Bar Harbor, ME - Continued.

Date	Time	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, water, unfltrd mg/L (00600)	Inor-ganic carbon, water, fltrd, mg/L (00691)	Organic carbon, water, fltrd, mg/L (00681)	Chloro-phyll a fluoro-metric method, corrctd ug/L (32209)
JUN 2000									
14...	1030	.04	.00	8.10	26.0	.60	5.6	11.6	A1.50
28...	0755	.14	.00	49.0	75.0	.37	24.0	3.7	A3.30
JUL									
11...	0800	.03	.00	.000	24.0	.56	11.0	6.2	A2.50
27...	0745	.15	.00	57.0	77.0	.26	--	1.2	A2.00
AUG									
07...	1730	.25	.00	21.0	47.0	.33	16.1	1.3	A2.60
22...	1620	.52	.00	51.0	--	.35	17.7	1.0	A2.50
SEP									
12...	1050	.60	.00	49.0	81.0	.36	25.2	.6	A3.20
25...	1010	.54	.00	33.0	57.0	.37	24.0	.8	A1.70
OCT									
11...	1110	.03	.00	9.10	28.0	.52	8.2	4.0	A2.70
NOV									
29...	1245	.03	.00	5.00	21.0	.52	2.3	14.9	A.700

Table A2. Water-quality data collected May-November 2000 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2000								
17...	1935	.50	760	8.1	84	6.1	304	17.3
31...	1519	.00	768	8.8	97	6.4	273	20.6
31...	1521	.30	768	8.8	97	6.3	275	20.5
31...	1522	.50	768	8.8	94	6.3	312	18.7
31...	1524	.70	768	8.6	90	6.3	418	17.8
JUN								
13...	1730	.00	768	7.6	84	6.5	1310	20.9
13...	1735	.60	768	7.8	86	6.8	13500	18.4
14...	1220	.10	757	6.9	78	6.6	1410	20.4
14...	1225	.50	757	7.5	84	7.0	14700	18.3
28...	0900	.10	756	7.0	92	7.1	31100	22.5
28...	0905	.90	756	6.2	83	7.5	38600	22.1
JUL								
10...	1715	.00	751	9.0	116	7.4	10400	25.8
10...	1720	.60	751	5.4	69	7.2	27000	22.1
26...	1635	.00	770	10.3	133	8.5	4050	28.8
26...	1638	1.5	770	9.4	127	7.9	25100	26.9
AUG								
07...	1625	.10	758	7.9	103	8.3	31100	22.8
07...	1630	.40	758	2.8	40	7.5	41000	26.4
10...	1650	1.3	754	12.6	181	8.2	44500	24.9
10...	1653	.20	754	11.0	156	8.7	30500	27.5
21...	1733	.30	765	14.1	190	9.1	37400	23.4
21...	1735	1.3	765	15.2	207	8.2	49200	21.5
SEP								
11...	1715	.30	768	11.9	154	8.8	34800	22.2
11...	1720	1.0	768	15.7	227	8.3	44200	26.3
25...	1730	.20	761	12.6	158	8.2	45400	17.6
25...	1733	.70	761	12.5	149	8.1	49000	14.4
OCT								
11...	1745	.10	754	11.2	98	7.0	8800	7.6
11...	1746	1.2	754	.9	11	7.0	45500	17.5
NOV								
28...	1620	.00	758	11.3	84	5.8	111	2.9
28...	1625	.60	758	10.9	81	5.8	112	2.9

Table A2. Water-quality data collected May-November 2000 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME - Continued.

Date	Time	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chlor-ide, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
MAY 2000								
17...	1930	--	--	--	--	79.0	--	10.0
31...	1515	3.35	3.69	1.29	39.8	60.0	.880	8.0
JUN								
13...	1720	29.8	90.9	27.5	670	1390	.740	177
28...	0855	116	365	111	2970	6440	.260	840
JUL								
10...	1710	146	417	124	3950	7280	.510	878
26...	1645	72.3	207	66.2	1800	3270	.290	440
AUG								
07...	1620	248	696	225	6320	23900	.080	1830
21...	1720	256	724	247	6840	13200	.030	1860
SEP								
11...	1710	267	792	270	7020	13200	.040	1720
25...	1720	285	906	300	7920	15500	.100	3920
OCT								
11...	1730	125	352	121	2870	5600	1.47	758
NOV								
28...	1615	2.53	1.87	1.51	17.6	23.0	2.52	6.0

Date	Time	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, water, unfltrd mg/L (00600)	Inor-ganic carbon, water, fltrd, mg/L (00691)	Organic carbon, water, fltrd, mg/L (00681)	Chloro-phyll a fluoro-metric method, corrctd ug/L (32209)
MAY 2000									
17...	1930	--	.00	--	16.0	.44	--	12.8	A2.10
31...	1515	.01	.00	3.00	20.0	.55	2.9	13.4	A1.30
JUN									
13...	1720	.03	.00	9.90	34.0	.53	5.7	13.0	A10.0
28...	0855	.02	.00	9.20	41.0	.56	12.0	7.9	A5.00
JUL									
10...	1710	.02	.00	.000	33.0	.61	11.0	6.0	A6.30
26...	1645	.01	.00	5.10	23.0	.52	--	5.0	A5.00
AUG									
07...	1620	.15	.00	4.50	20.0	.36	11.5	1.7	A3.40
21...	1720	.16	.00	2.00	19.0	.46	11.2	1.7	A2.00
SEP									
11...	1710	.18	.00	6.00	39.0	.82	10.7	2.5	A3.80
25...	1720	.45	.00	13.0	--	.32	20.0	1.0	A2.80
OCT									
11...	1730	.02	.00	8.40	38.0	.51	9.0	3.7	A4.80
NOV									
28...	1615	.02	.00	4.20	21.0	.52	2.1	14.9	A.700

Table A3. Water-quality data collected May-November 2000 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2000								
17...	1855	.50	760	8.2	85	6.1	195	17.4
31...	1401	.10	768	8.8	94	6.3	286	18.5
31...	1402	.30	768	8.9	94	6.3	284	18.5
31...	1403	.60	768	8.9	93	6.3	287	18.1
JUN								
03...	1300	.10	760	8.1	94	6.9	15700	19.5
03...	1305	.40	760	8.1	95	7.3	38700	15.7
13...	1700	.10	768	7.7	84	6.4	936	20.2
13...	1705	.40	768	7.6	84	6.4	946	20.1
14...	1155	.20	757	6.7	73	6.3	1050	19.6
14...	1200	.50	757	6.9	74	6.3	1060	18.4
28...	0930	.00	756	5.1	62	6.7	1510	24.3
28...	0935	.40	756	4.4	52	6.6	2410	22.8
JUL								
10...	1615	.00	751	8.2	103	6.7	10000	24.4
10...	1620	.50	751	7.3	97	6.8	25300	24.3
26...	1612	.00	770	8.3	111	6.8	3550	30.2
26...	1613	.60	770	8.7	108	6.8	12900	24.6
AUG								
07...	1555	.10	758	6.1	79	7.1	25400	22.9
07...	1600	.30	758	4.7	64	6.7	31900	25.7
10...	1630	.50	754	9.8	141	7.7	32500	27.6
10...	1634	.10	754	9.8	136	8.3	23500	27.4
21...	1659	.20	765	11.7	152	8.8	25900	24.3
21...	1700	1.1	765	12.8	170	8.3	32000	24.2
SEP								
11...	1630	.30	768	11.2	144	8.7	28900	23.1
11...	1635	1.1	768	10.9	160	8.0	41300	27.8
25...	1628	.20	761	9.2	112	8.0	34700	18.6
25...	1629	.70	761	9.4	117	8.1	41500	18.1
OCT								
11...	1620	.10	754	10.8	94	6.9	7300	7.9
11...	1622	.90	754	4.7	57	7.1	38200	17.5
NOV								
28...	1540	.00	758	11.6	87	5.8	90	3.0
28...	1545	.60	758	11.0	82	5.8	90	3.0

Table A3. Water-quality data collected May-November 2000 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME - Continued.

Date	Time	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Potas-sium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chlor-ide, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
MAY 2000								
17...	1850	--	--	--	--	53.0	--	6.0
31...	1355	3.44	4.04	1.30	43.3	65.0	.920	8.0
JUN								
13...	1725	7.42	14.6	4.14	135	251	1.01	31.0
28...	0855	12.6	31.0	8.44	313	494	.520	62.0
JUL								
10...	1710	112	304	83.0	2690	5880	.920	624
26...	1615	27.0	69.9	20.0	582	114	.340	145
AUG								
07...	1550	172	486	149	4420	11600	.290	1320
21...	1655	167	475	146	4410	7940	.110	1140
SEP								
11...	1625	230	676	224	6180	11400	.160	1790
25...	1625	260	809	280	6120	11900	.090	1590
OCT								
11...	1615	106	285	102	2170	4440	1.85	605
NOV								
28...	1535	2.44	1.50	1.34	14.2	18.0	2.66	5.0

Date	Time	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, water, unfltrd mg/L (00600)	Inor-ganic carbon, water, fltrd, mg/L (00691)	Organic carbon, water, fltrd, mg/L (00681)	Chloro-phyll a fluoro-metric method, corrctd ug/L (32209)
MAY 2000									
17...	1850	--	.00	--	13.0	.43	--	13.5	A1.50
31...	1355	.01	.00	2.50	17.0	.52	3.3	13.2	A1.00
JUN									
13...	1725	.02	.01	6.60	25.0	.55	4.1	14.3	A3.40
28...	0855	.02	1.05	7.30	34.0	.74	5.9	16.7	A13.0
JUL									
10...	1710	.02	.00	.000	22.0	.62	8.9	7.3	A4.60
26...	1615	.01	.00	3.70	18.0	.53	--	9.6	A1.50
AUG									
07...	1550	.02	.00	1.50	12.0	.41	9.4	2.2	A1.80
21...	1655	.00	.00	.000	9.00	.49	6.6	2.6	A1.20
SEP									
11...	1625	.06	18.1	3.30	17.0	.77	10.8	2.8	A3.80
25...	1625	.17	.00	4.60	36.0	.54	15.0	2.1	A5.40
OCT									
11...	1615	.03	.00	4.30	20.0	.53	7.8	4.0	A5.50
NOV									
28...	1535	.02	.00	4.50	21.0	.51	1.9	14.7	A.600

Table A4. Water-quality data collected May-November 2000 at station 103 (USGS identifier 442507068185301) Northeast Creek near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2000								
17...	1810	.30	760	8.3	87	6.1	184	17.4
31...	1319	.00	768	8.4	87	6.3	317	17.3
31...	1321	.30	768	8.6	89	6.3	321	17.3
JUN								
03...	1310	.10	760	7.9	88	6.7	8640	19.2
03...	1315	.10	760	8.0	89	6.6	8650	19.2
13...	1630	.10	768	7.9	85	6.3	1080	19.1
28...	1000	.20	756	5.3	62	6.4	1070	22.3
28...	1005	.50	756	4.4	50	6.4	1240	21.4
JUL								
10...	1530	.00	751	8.1	99	6.4	7600	23.5
10...	1535	.60	751	5.2	71	6.7	32900	24.4
26...	1525	.00	770	9.0	116	6.9	2870	28.6
26...	1526	.40	770	9.6	119	6.4	5410	26.3
AUG								
10...	1549	.10	754	9.1	128	8.0	23800	27.9
10...	1550	.40	754	8.5	124	6.7	29800	29.6
22...	1628	.20	770	11.4	140	9.0	19400	22.9
22...	1630	.70	770	8.6	106	7.6	23400	22.3
SEP								
11...	1550	.30	768	10.1	126	8.6	26000	22.5
11...	1600	1.0	768	6.9	102	7.6	38300	29.1
25...	1515	.10	761	11.8	141	8.4	29800	18.6
25...	1517	.40	761	9.1	106	7.9	31900	17.1
OCT								
11...	1455	.10	754	11.2	98	6.7	7000	7.8
11...	1458	.80	754	.5	6	6.9	37000	19.0
NOV								
28...	1435	.00	758	11.3	85	5.6	66	3.3
28...	1440	.60	758	10.9	82	5.6	69	3.3

Date	Time	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
MAY 2000								
17...	1800	--	--	--	--	47.0	--	6.0
31...	1315	3.64	4.61	1.46	48.5	74.0	1.08	9.0
JUN								
13...	1625	7.99	16.4	4.76	154	284	1.32	35.0
28...	0955	8.54	17.8	5.13	172	29.0	.890	84.0
JUL								
10...	1525	125	341	106	2980	5500	1.46	68.0
26...	1530	25.1	62.7	17.4	610	105	.390	132
AUG								
21...	1540	139	385	123	3670	--	.260	859
SEP								
11...	1545	218	664	215	5340	10100	.390	1690
25...	1510	210	661	214	5030	8920	.130	1120
OCT								
11...	1450	91.5	266	83.6	1890	4100	1.84	562
NOV								
28...	1430	2.49	1.17	1.19	10.4	14.0	2.50	5.0

Table A4. Water-quality data collected May-November 2000 at station 103 (USGS identifier 442507068185301) Northeast Creek near Bar Harbor, ME - Continued.

Date	Time	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, water, unfltrd mg/L (00600)	Inor-ganic carbon, water, fltrd, mg/L (00691)	Organic carbon, water, fltrd, mg/L (00681)	Chloro-phyll a fluoro-metric method, corrctd ug/L (32209)
MAY 2000									
17...	1800	--	.00	--	12.0	.45	--	13.4	A1.80
31...	1315	.02	.00	2.70	15.0	.49	3.4	13.9	A1.00
JUN									
13...	1625	.02	.00	5.20	21.0	.58	4.4	16.0	A1.90
28...	0955	.02	.00	7.60	36.0	.73	6.3	17.1	A20.0
JUL									
10...	1525	.02	.00	.000	27.0	.77	11.0	7.8	A26.0
26...	1530	.01	.00	4.60	21.0	.55	--	10.2	A2.00
AUG									
21...	1540	.00	.00	1.00	12.0	.52	6.3	3.2	A1.60
SEP									
11...	1545	.07	22.6	3.90	19.0	.78	10.7	3.3	A3.70
25...	1510	.09	.00	3.70	24.0	.59	10.0	2.7	A3.60
OCT									
11...	1450	.05	.00	6.40	30.0	.55	8.3	4.8	A6.40
NOV									
28...	1430	.03	.17	4.00	20.0	.51	.9	14.3	A.800

Table A5. Water-quality data collected May-November 2000 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2000								
17...	1745	.50	760	8.7	89	6.1	79	16.5
31...	1218	.00	768	8.1	81	6.3	99	15.9
31...	1219	.20	768	8.0	80	6.2	98	15.7
JUN								
03...	1335	.00	760	7.7	87	7.2	721	20.9
03...	1340	.50	760	8.8	100	6.7	11700	19.5
13...	1545	.00	768	8.9	95	6.4	313	19.0
13...	1550	.30	768	8.1	83	6.3	473	17.2
28...	1030	.10	757	5.0	59	6.2	251	23.4
28...	1035	.40	757	4.4	51	6.3	340	22.0
JUL								
10...	1415	.00	751	6.4	75	6.2	2060	21.9
10...	1420	.50	751	5.0	66	6.1	23100	24.5
26...	1415	.00	770	7.0	90	6.3	735	28.9
26...	1417	.30	770	6.8	85	6.9	787	27.5
26...	1420	.50	770	14.9	196	7.8	18000	26.8
AUG								
07...	1520	.10	758	6.3	78	6.4	14700	22.9
07...	1522	.30	758	5.0	68	6.2	23400	26.7
10...	1351	.10	754	9.5	126	7.0	14700	27.0
10...	1354	.40	754	10.9	155	6.7	25600	28.4
22...	1535	.30	770	10.4	126	8.2	12600	23.2
22...	1540	.80	770	15.9	228	7.5	27400	29.8
SEP								
11...	1505	.30	768	8.0	98	8.5	21200	22.2
11...	1510	.60	768	10.5	140	8.3	29400	25.3
25...	1400	.10	761	9.5	106	8.0	19400	17.6
25...	1402	.60	761	11.3	132	8.3	22700	18.6
OCT								
11...	1340	.00	754	10.2	85	6.5	1700	7.0
11...	1341	.60	754	3.1	36	6.5	26400	17.0
NOV								
28...	1330	.00	758	11.1	84	5.8	56	3.3
28...	1335	.60	758	10.9	82	5.8	57	3.3

Date	Time	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
MAY 2000								
17...	1740	--	--	--	--	17.0	--	3.0
31...	1215	2.62	1.32	.40	11.9	19.0	.990	3.0
JUN								
13...	1540	4.69	5.44	1.56	54.2	85.0	1.19	11.0
28...	1025	4.48	4.23	1.29	41.9	64.0	1.00	6.0
JUL								
10...	1410	27.0	62.9	17.2	570	85.0	1.86	127
26...	1420	9.90	20.7	6.30	185	329	.510	42.0
AUG								
07...	1515	119	313	93.2	2960	5080	.570	792
21...	1530	90.8	241	71.6	2140	3920	.070	547
SEP								
11...	1500	154	463	155	2960	10200	.040	1050
25...	1355	132	399	130	2970	6120	.080	835
OCT								
11...	1335	16.6	32.6	12.3	255	522	2.39	68.0
NOV								
28...	1325	2.61	1.01	1.05	8.59	10.0	2.62	5.0

Table A5. Water-quality data collected May-November 2000 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME - Continued.

Date	Time	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, water, unfltrd mg/L (00600)	Inor-ganic carbon, water, fltrd, mg/L (00691)	Organic carbon, water, fltrd, mg/L (00681)	Chloro-phyll a fluoro-metric method, corrctd ug/L (32209)
MAY 2000									
17...	1740	--	.00	--	12.0	.38	--	10.0	A1.10
31...	1215	.02	.00	2.70	18.0	.52	3.5	11.2	A2.70
JUN									
13...	1540	.02	.01	4.70	22.0	.51	3.7	12.3	A.700
28...	1025	.02	.00	5.10	30.0	.64	5.7	14.8	A4.60
JUL									
10...	1410	.05	.00	.000	23.0	.68	7.0	10.5	A1.40
26...	1420	.01	.00	4.30	28.0	.55	--	11.2	A1.10
AUG									
07...	1515	.01	.00	1.00	13.0	.42	6.6	3.0	A2.50
21...	1530	.00	.00	.000	16.0	.53	5.5	3.6	A1.50
SEP									
11...	1500	.02	.00	1.40	12.0	.62	6.4	3.1	A1.50
25...	1355	.01	.00	2.20	14.0	.56	6.9	2.8	A1.60
OCT									
11...	1335	.03	.00	4.90	27.0	.62	3.9	11.1	A1.50
NOV									
28...	1325	.03	.19	4.00	19.0	.52	2.0	14.3	A.900

Table A6. Water-quality data collected May-November 2000 at station 105 (USGS identifier 442516068175501) Northeast Creek near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2000								
17...	1700	.50	760	8.1	83	5.9	59	16.6
31...	1133	.20	768	7.5	75	6.2	65	15.6
31...	1136	.30	768	7.5	74	6.1	65	15.5
31...	1137	.50	768	7.6	74	6.1	69	15.0
JUN								
13...	1430	.20	768	7.1	74	6.2	122	17.7
28...	1050	.10	756	3.1	36	6.0	112	21.9
28...	1055	.50	756	1.3	14	5.8	133	19.2
JUL								
10...	1300	.00	751	5.0	57	6.0	6	20.8
10...	1305	.50	751	3.4	40	5.9	10100	21.0
26...	1255	.00	770	5.0	60	6.0	344	24.8
26...	1300	.50	770	3.3	36	5.8	3360	20.5
AUG								
07...	1410	.00	758	5.4	63	6.0	4710	22.3
07...	1412	.20	758	4.3	54	5.9	10100	24.3
07...	1415	.40	758	2.1	30	6.0	27600	27.6
10...	1250	.10	754	6.2	80	6.4	5000	27.3
10...	1255	.20	754	5.6	74	6.3	5390	27.8
10...	1257	.40	754	5.4	77	6.1	26500	28.7
10...	1258	.40	754	5.6	79	6.2	23200	28.4
22...	1510	.20	770	8.3	101	6.7	5300	25.0
22...	1512	.60	770	6.8	85	6.3	12600	24.7
SEP								
11...	1355	.30	768	6.5	79	7.7	14900	22.7
11...	1400	.90	768	8.7	129	8.2	28800	31.6
25...	1315	.20	761	8.1	90	6.8	10700	18.3
25...	1318	.50	761	12.6	160	7.5	17700	24.5
OCT								
11...	1310	.00	754	8.7	72	6.5	642	6.5
11...	1313	.50	754	5.9	51	6.2	3650	7.7
NOV								
28...	1300	.00	758	11.0	83	5.8	61	3.3
28...	1305	.60	758	10.9	82	5.8	61	3.3

Date	Time	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
MAY 2000								
17...	1650	--	--	--	--	12.0	--	3.0
31...	1130	2.40	.84	.23	7.61	12.0	.970	2.0
JUN								
13...	1425	3.38	2.08	.55	18.2	31.0	1.11	4.0
28...	1045	3.80	1.81	.50	15.0	24.0	1.20	2.0
JUL								
10...	1255	7.95	11.3	3.19	99.0	17.0	2.12	21.0
26...	1310	5.34	7.30	2.10	74.7	114	1.04	14.0
AUG								
07...	1405	121	322	95.0	2950	5280	.820	802
21...	1415	40.1	105	32.8	976	1630	.850	232
SEP								
11...	1350	109	327	106	2250	5600	.070	653
25...	1310	74.3	214	68.3	1820	--	.230	461
OCT								
11...	1300	10.1	11.1	6.42	91.6	181	2.78	29.0
NOV								
28...	1255	2.99	1.07	.92	8.73	11.0	2.69	5.0

Table A6. Water-quality data collected May-November 2000 at station 105 (USGS identifier 442516068175501) Northeast Creek near Bar Harbor, ME - Continued.

Date	Time	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, water, unfltrd mg/L (00600)	Inor-ganic carbon, water, fltrd, mg/L (00691)	Organic carbon, water, fltrd, mg/L (00681)	Chloro-phyll a fluoro-metric method, corrctd ug/L (32209)
MAY 2000									
17...	1650	--	.01	--	12.0	.41	--	9.3	A.700
31...	1130	.01	.00	3.30	26.0	.52	3.6	10.0	A4.60
JUN									
13...	1425	.04	.02	8.60	34.0	.51	4.1	11.7	A7.30
28...	1045	.01	.00	10.0	43.0	.66	7.2	14.8	A3.10
JUL									
10...	1255	.03	.00	.000	29.0	.72	6.5	10.4	A.800
26...	1310	.01	.00	4.80	27.0	.53	--	11.1	A.700
AUG									
07...	1405	.02	.00	2.30	20.0	.44	8.5	3.6	A4.50
21...	1415	.00	.00	.000	19.0	.55	4.5	6.2	A1.60
SEP									
11...	1350	.02	.00	2.20	14.0	.58	6.3	3.4	A1.30
25...	1310	.01	.00	2.50	19.0	.50	5.9	3.6	A1.20
OCT									
11...	1300	.02	.00	5.80	31.0	.67	4.5	11.4	A1.10
NOV									
28...	1255	.04	.22	7.90	19.0	.57	2.2	14.8	A1.00

Table A7. Water-quality data collected May-November 2001 at station 100 (USGS identifier 442530068193901) Northeast Creek below Route 3 bridge near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2001								
22...	1030	.80	765	9.4	103	7.6	34400	13.8
22...	1040	.80	765	9.2	101	7.7	36400	13.5
22...	1045	.50	765	8.9	99	7.5	23300	16.4
JUN								
06...	1155	.30	756	7.1	80	6.3	4460	19.7
06...	1200	.60	756	7.4	83	6.5	6830	19.3
20...	1145	.40	762	8.1	100	7.0	23200	22.1
JUL								
03...	0950	.50	755	10.3	127	7.8	41300	17.1
03...	1000	.80	755	9.7	117	7.8	47800	14.5
03...	1010	.60	755	10.5	128	7.8	45200	15.7
18...	1200	.30	763	7.8	100	7.8	48400	18.4
AUG								
07...	1405	.10	745	12.4	190	8.0	50200	26.1
SEP								
10...	1823	.50	756	8.8	122	7.8	49400	21.7
OCT								
01...	1125	.50	759	7.1	82	7.6	50700	12.1
NOV								
06...	1610	.60	756	10.2	108	7.6	48300	8.8

Date	Time	Silica, water, fltrd, mg/L (00955)	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	Chlorophyll a fluorometric method, corrctd ug/L (32209)
MAY 2001									
22...	1020	.850	<.10	--	<5.00	13.0	22.0	.65	A1.54
31...	1715	--	--	--	--	--	--	--	4.52
JUN									
06...	1150	.940	<.10	--	<5.00	5.20	25.0	.61	A2.82
20...	1140	.920	<.10	--	<5.00	6.90	30.0	.71	A2.32
JUL									
03...	0940	<.500	.12	--	<5.00	4.90	29.0	.61	A3.06
18...	1150	<.500	.16	--	<5.00	23.0	37.0	.28	A2.92
AUG									
07...	1400	<.500	.16	--	<5.00	25.0	72.0	.44	A2.33
22...	1700	<.500	.43	--	<5.00	32.0	44.0	.29	A1.04
SEP									
10...	1815	<.500	.41	<5.00	--	39.0	53.0	.39	A.840
OCT									
01...	1115	<.500	.50	--	<5.00	25.0	--	.42	A.670
NOV									
06...	0800	<.500	.49	--	7.10	20.0	46.0	.21	A.860

Table A8. Water-quality data collected May-November 2001 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2001								
22...	0950	.20	765	8.2	85	6.8	1560	17.4
22...	0955	1.2	765	7.0	78	6.9	23900	16.5
JUN								
06...	1630	.10	756	6.8	76	6.3	1660	20.3
06...	1635	1.3	756	6.7	77	7.0	32500	15.8
21...	1030	.30	756	5.1	63	6.5	4540	24.5
21...	1035	.60	756	5.5	71	6.6	28700	22.3
JUL								
03...	1030	.30	755	9.3	115	7.4	30600	19.7
03...	1035	1.2	755	11.9	154	8.2	46000	18.7
18...	1645	.30	763	9.3	114	7.4	30600	19.7
18...	1648	1.2	763	11.9	153	8.2	46000	18.7
AUG								
07...	1359	.40	745	10.0	151	7.8	49200	25.7
07...	1400	1.3	745	9.3	133	8.0	50100	22.3
SEP								
10...	1805	.30	756	10.3	151	8.4	44100	26.1
10...	1806	1.2	756	8.7	125	8.0	45500	24.8
OCT								
01...	1711	.30	759	8.9	105	7.6	45300	14.4
01...	1712	1.2	759	9.1	107	7.7	45900	13.8
NOV								
06...	1550	.10	756	10.5	112	7.6	48100	9.1
06...	1553	1.5	756	10.0	107	7.6	48200	9.1

Date	Time	Silica, water, fltrd, mg/L (00955)	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	Chlorophyll a fluorometric method, corrctd ug/L (32209)
MAY 2001									
07...	1620	--	--	--	--	--	--	--	A3.47
22...	0940	.840	<.10	--	<5.00	17.0	26.0	.68	A1.38
31...	1700	--	--	--	--	--	--	--	4.29
JUN									
06...	1620	1.00	<.10	--	<5.00	5.20	27.0	.62	A2.15
20...	1715	1.20	<.10	--	<5.00	7.10	31.0	.79	A4.03
JUL									
02...	1630	<.500	.18	--	<5.00	4.30	32.0	.25	A3.56
18...	1640	<.500	<.10	--	70.0	6.70	31.0	.36	A4.75
AUG									
07...	1350	<.500	.17	--	<5.00	3.60	27.0	.36	A1.81
22...	1100	<.500	.40	--	<5.00	7.60	37.0	.60	A.830
SEP									
10...	1800	<.500	.38	<5.00	--	6.30	40.0	.80	A2.85
OCT									
01...	1700	<.500	.36	--	<5.00	7.40	28.0	.68	A2.27
NOV									
06...	1630	<.500	.41	--	5.20	19.0	43.0	.23	A.910

Table A9. Water-quality data collected May-November 2001 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2001								
22...	1100	.20	765	7.3	79	6.8	844	19.2
22...	1105	.70	765	7.6	77	6.7	1100	15.8
JUN								
06...	1600	.10	756	6.8	76	6.2	528	20.2
06...	1605	.80	756	6.6	74	6.2	536	20.1
20...	1640	.20	762	7.4	98	6.5	611	30.5
20...	1645	.70	762	6.6	82	6.5	645	26.2
JUL								
03...	1045	.70	755	8.5	109	7.4	24300	22.8
18...	1606	.70	763	6.7	93	7.7	32200	26.4
18...	1605	.20	763	8.1	103	7.3	9140	25.9
AUG								
07...	1334	.30	745	9.8	147	8.2	32600	29.0
07...	1335	.80	745	9.9	152	8.1	36900	29.3
SEP								
10...	1700	.20	756	10.3	147	8.2	37900	26.2
10...	1701	.70	756	10.3	147	8.2	38200	25.9
OCT								
01...	1557	.20	759	9.8	126	7.6	42200	19.3
01...	1600	.70	759	11.3	148	7.6	44300	20.4
NOV								
06...	1522	.10	756	12.6	133	7.9	41300	10.0
06...	1525	.90	756	12.4	132	7.9	42000	10.2

Date	Time	Silica, water, fltrd, mg/L (00955)	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	Chlorophyll a fluorometric method, corrctd ug/L (32209)
MAY 2001									
07...	1510	--	--	--	--	--	--	--	1.51
22...	1050	1.20	<.10	--	<5.00	11.0	22.0	.68	A1.79
31...	1630	--	--	--	--	--	--	--	2.43
JUN									
06...	1555	1.20	<.10	--	<5.00	4.20	28.0	.66	A1.21
20...	1630	1.20	<.10	--	<5.00	5.90	34.0	.74	A5.31
JUL									
02...	1530	<.500	<.10	--	<5.00	6.00	20.0	.52	A2.85
18...	1600	<.500	<.10	--	<5.00	4.30	20.0	.59	A3.19
AUG									
07...	1330	<.500	<.10	--	<5.00	1.30	13.0	.53	A1.03
22...	1200	<.500	.26	--	<5.00	3.20	38.0	.41	A3.90
SEP									
10...	1650	<.500	.17	<5.00	--	3.30	28.0	.79	A3.01
OCT									
01...	1550	<.500	.18	--	<5.00	<1.00	14.0	.77	A2.34
NOV									
06...	1600	<.500	.22	--	<5.00	2.60	52.0	.34	A9.83

Table A10. Water-quality data collected May-November 2001 at station 103 (USGS identifier 442507068185301) Northeast Creek near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2001								
22...	1205	.20	765	8.0	85	6.8	452	18.4
22...	1207	.70	765	7.6	81	6.7	2300	18.2
JUN								
06...	1530	.10	756	7.0	79	6.1	355	20.5
06...	1535	.90	756	7.0	78	6.1	357	20.5
20...	1609	.20	762	7.5	98	6.5	534	29.1
20...	1610	.90	762	6.3	72	6.5	591	22.0
JUL								
03...	1200	.30	755	10.8	127	7.0	6050	21.8
03...	1201	.60	755	8.9	110	6.9	13000	23.7
18...	1528	.20	763	8.0	97	7.0	3340	25.0
18...	1530	.80	763	2.1	28	6.6	24600	26.1
AUG								
07...	1315	1.5	745	4.5	72	6.9	43200	30.3
SEP								
10...	1610	.80	756	8.3	116	7.9	35100	25.4
OCT								
01...	1455	.20	759	8.3	113	7.4	43800	22.2
01...	1457	.80	759	6.9	97	7.4	47700	22.8
NOV								
06...	1440	.10	756	11.9	121	7.7	35800	9.3
06...	1442	.60	756	11.8	120	7.7	35900	9.3

Date	Time	Silica, water, fltrd, mg/L (00955)	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	Chlorophyll a fluorometric method, corrctd ug/L (32209)
MAY 2001									
07...	1430	--	--	--	--	--	--	--	4.06
22...	1200	1.10	<.10	--	<5.00	11.0	21.0	.66	A1.98
31...	1550	--	--	--	--	--	--	--	3.13
JUN									
06...	1520	1.20	<.10	--	<5.00	4.50	26.0	.75	A1.57
20...	1600	1.00	<.10	--	<5.00	8.00	36.0	.70	A6.83
JUL									
02...	1430	<.500	<.10	--	<5.00	5.50	25.0	.56	A4.19
18...	1520	<.500	<.10	--	<5.00	4.80	22.0	.65	A2.88
AUG									
07...	1310	<.500	<.10	--	<5.00	1.50	15.0	.55	A.930
22...	1300	<.500	.24	--	<5.00	2.90	36.0	.54	A2.74
SEP									
10...	1600	<.500	.17	<5.00	--	2.70	18.0	.78	A2.09
OCT									
01...	1450	<.500	.17	--	<5.00	1.40	12.0	.66	A2.67
NOV									
06...	1500	<.500	.23	--	<5.00	3.40	35.0	.48	A11.1

Table A11. Water-quality data collected May-November 2001 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2001								
22...	1335	.20	765	8.5	94	6.4	150	20.6
22...	1337	.60	765	8.2	88	6.4	167	18.9
JUN								
06...	1430	.10	756	6.8	75	6.0	118	20.2
06...	1435	.70	756	7.0	74	6.2	118	17.6
20...	1450	.20	762	7.8	99	6.5	162	27.0
20...	1452	.60	762	9.1	107	6.9	178	23.6
JUL								
03...	1415	.30	755	12.0	139	7.3	859	22.1
03...	1416	.60	755	11.2	127	7.3	1110	20.8
18...	1441	.20	763	8.2	96	6.9	284	23.5
18...	1443	.60	763	4.1	45	6.4	447	20.0
AUG								
07...	1234	.30	745	9.2	128	8.1	15100	28.9
SEP								
10...	1513	.50	756	9.1	125	8.0	32400	25.3
OCT								
01...	1349	.20	759	9.3	107	7.7	32100	16.4
01...	1352	.60	759	7.6	96	6.5	40300	19.4
NOV								
06...	1323	.10	756	10.9	110	7.2	31200	9.9
06...	1330	.80	756	12.1	125	7.4	31300	11.0

Date	Time	Silica, water, fltrd, mg/L (00955)	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	Chlorophyll a fluorometric method, corrctd ug/L (32209)
MAY 2001									
07...	1330	--	--	--	--	--	--	--	3.54
22...	1330	.890	<.10	--	<5.00	9.20	23.0	.60	A3.48
31...	1500	--	--	--	--	--	--	--	6.95
JUN									
06...	1420	.940	<.10	--	<5.00	3.10	18.0	.49	A3.47
20...	1445	1.20	<.10	--	<5.00	2.90	24.0	.56	A1.60
JUL									
02...	1330	<.500	<.10	--	<5.00	2.10	21.0	.54	A.890
18...	1430	<.500	<.10	--	<5.00	2.60	18.0	.56	A1.74
AUG									
07...	1230	<.500	<.10	--	<5.00	4.00	78.0	.57	A4.89
22...	1400	1.00	.14	--	<5.00	3.00	27.0	.54	A3.27
SEP									
10...	1500	<.500	.14	<5.00	--	2.20	23.0	.62	A1.38
OCT									
01...	1340	<.500	.15	--	<5.00	1.40	9.40	.62	A2.62
NOV									
06...	1200	<.500	.15	--	<5.00	1.80	22.0	.43	A7.80

Table A12. Water-quality data collected May-November 2001 at station 105 (USGS identifier 442516068175501) Northeast Creek near Bar Harbor, ME [Numbers in parentheses are USGS NWIS parameter code numbers. Sampling depths are relative to the water surface. Abbreviations: A, average value; deg C, degrees Celsius; fltrd, filtered; mg/L, milligrams per liter; mm Hg, millimeters of mercury; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data]. Chlorophyll-a results have been corrected for pheophytin and are reported as the mean of triplicate subsamples from a composited sample collected at each sampling date.

Date	Time	Sampling depth, meters (00098)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unf uS/cm 25 degC (00095)	Temperature, water, deg C (00010)
MAY 2001								
22...	1505	.20	765	7.3	79	6.3	115	19.1
22...	1507	.70	765	8.0	79	6.2	102	15.1
JUN								
06...	1345	.20	756	7.0	77	6.0	116	19.5
06...	1350	.80	756	6.7	71	6.0	102	17.9
20...	1350	.20	762	7.1	90	6.2	97	27.2
20...	1352	.70	762	7.8	90	6.2	96	22.4
JUL								
03...	1430	.30	755	7.8	92	6.8	140	23.1
03...	1432	.80	755	7.9	86	6.9	121	19.1
18...	1330	.20	763	7.4	88	6.3	85	23.9
18...	1332	.70	763	4.9	53	6.2	102	19.2
AUG								
07...	1159	.50	745	10.0	152	5.8	22800	32.3
SEP								
10...	1343	.20	756	7.5	103	7.0	29400	25.8
10...	1345	.70	756	8.5	121	6.9	31100	27.3
OCT								
01...	1247	.70	759	12.9	171	7.5	39900	22.0
01...	1248	.20	759	10.0	119	7.4	34600	17.4
NOV								
06...	1155	.10	756	10.2	102	6.8	29600	9.9
06...	1200	.50	756	10.9	114	7.3	31400	11.7

Date	Time	Silica, water, fltrd, mg/L (00955)	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, unfltrd mg/L (00665)	Total nitrogen, water, unfltrd mg/L (00600)	Chlorophyll a fluorometric method, corrctd ug/L (32209)
MAY 2001									
07...	1230	--	--	--	--	--	--	--	2.19
22...	1500	.910	<.10	--	<5.00	8.50	21.0	.54	A1.56
31...	1420	--	--	--	--	--	--	--	3.63
JUN									
06...	1340	1.00	<.10	--	<5.00	2.90	21.0	.46	A1.81
20...	1340	1.70	<.10	--	<5.00	--	24.0	.51	A1.00
JUL									
02...	1230	1.20	<.10	--	<5.00	2.50	27.0	.53	A1.95
18...	1320	.800	<.10	--	<5.00	6.20	28.0	.60	A1.99
AUG									
07...	1150	<.500	<.10	--	<5.00	2.80	18.0	.56	A4.71
22...	1500	.720	.13	--	<5.00	5.50	36.0	.55	A10.8
SEP									
10...	1330	<.500	<.10	<5.00	--	1.90	21.0	.61	A1.13
OCT									
01...	1240	<.500	.15	--	<5.00	1.40	11.0	.69	A3.60
NOV									
06...	1100	<.500	<.10	--	5.10	1.60	21.0	.45	A5.90

Table A13. --Water-quality assurance records, replicate samples collected May-November 2000, Northeast Creek stations 100 through 105. Replicate samples are in bold. [Numbers in parentheses are USGS NWIS parameter code numbers. Abbreviations: fltrd, filtered; mg/L, milligrams per liter; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data].

Date	Time	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)	Silica, water, fltrd, mg/L (00955)	Sulfate water, fltrd, mg/L (00945)
442530068193901 Northeast Creek monitoring station 100								
JUL 2000								
27...	0745	331	957	309	8250	15300	.240	1870
27...	**0745**	**336**	**991**	**363**	**8100**	**15400**	**.220**	**1970**
01022820 Northeast Creek monitoring station 101								
JUL 2000								
10...	1710	146	417	124	3950	7280	.510	878
10...	**1710**	**143**	**410**	**124**	**3890**	**7210**	**.520**	**859**
442517068190501 Northeast Creek monitoring station 102								
JUN 2000								
28...	0855	12.6	31.0	8.44	313	494	.520	62.0
28...	**0855**	**12.3**	**30.2**	**8.43**	**307**	**501**	**.560**	**62.0**
AUG								
07...	1550	172	486	149	4420	11600	.290	1320
07...	**1550**	**175**	**493**	**148**	**4490**	**9380**	**.310**	**1330**
SEP								
11...	1625	230	676	224	6180	11400	.160	1790
11...	**1625**	**235**	**688**	**227**	**6350**	**11700**	**.170**	**1850**
NOV								
28...	1535	2.44	1.50	1.34	14.2	18.0	2.66	5.0
28...	**1535**	**2.45**	**1.51**	**1.34**	**14.5**	**21.0**	**2.65**	**6.0**
442507068185301 Northeast Creek monitoring station 103								
JUL 2000								
10...	1525	125	341	106	2980	5500	1.46	68.0
10...	**1525**	**125**	**341**	**106**	**2980**	**5530**	**1.44**	**69.0**
26...	1530	25.1	62.7	17.4	610	105	.390	132
26...	**1530**	**24.9**	**62.5**	**17.1**	**610**	**104**	**.390**	**132**
OCT								
11...	1450	91.5	266	83.6	1890	4100	1.84	562
11...	**1450**	**92.7**	**266**	**86.1**	**1870**	**4100**	**1.85**	**566**
442509068181901 Northeast Creek monitoring station 104								
MAY 2000								
31...	1215	2.62	1.32	.40	11.9	19.0	.990	3.0
31...	**1215**	**2.62**	**1.30**	**.40**	**11.7**	**19.0**	**.940**	**3.0**
JUN								
28...	1025	4.48	4.23	1.29	41.9	64.0	1.00	6.0
28...	**1025**	**4.52**	**4.26**	**1.30**	**41.7**	**64.0**	**.990**	**6.0**
AUG								
07...	1515	119	313	93.2	2960	5080	.570	792
07...	**1515**	**116**	**312**	**92.2**	**2950**	**4900**	**.580**	**797**
21...	1530	90.8	241	71.6	2140	3920	.070	547
21...	**1530**	**89.6**	**236**	**74.3**	**2200**	**3740**	**.060**	**552**
SEP								
25...	1355	132	399	130	2970	6120	.080	835
25...	**1355**	**133**	**401**	**132**	**3000**	**6020**	**.060**	**797**
442516068175501 Northeast Creek monitoring station 105								
JUN 2000								
13...	1425	3.38	2.08	.55	18.2	31.0	1.11	4.0
13...	**1425**	**3.37**	**2.07**	**.55**	**18.2**	**31.0**	**1.15**	**4.0**
AUG								
21...	1415	40.1	105	32.8	976	1630	.850	232
21...	**1415**	**39.3**	**103**	**32.7**	**977**	**1640**	**.850**	**226**
SEP								
25...	1310	74.3	214	68.3	1820	--	.230	461
25...	**1310**	**75.3**	**218**	**69.9**	**1820**	**3300**	**.230**	**538**
NOV								
28...	1255	2.99	1.07	.92	8.73	11.0	2.69	5.0
28...	**1255**	**3.02**	**1.07**	**.92**	**8.65**	**11.0**	**2.73**	**5.0**

Table A13. --Water-quality assurance records, replicate samples collected May-November 2000, Northeast Creek stations 100 through 105. - Continued.

Date	Time	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, water, unfltrd mg/L (00600)	Inor-ganic carbon, water, fltrd, mg/L (00691)	Organic carbon, water, fltrd, mg/L (00681)	Chloro-phyll a fluoro-metric method, corrctd ug/L (32209)
442530068193901 Northeast Creek monitoring station 100									
JUN 2000									
14...	1030	.04	.00	8.10	26.0	.60	5.6		
14...	**1030**	**--**	**--**	**--**	**26.0**	**--**	**5.5**		
JUL 2000									
27...	0745	.15	.00	57.0	77.0	.26	--		
27...	**0745**	**.15**	**.00**	**--**	**--**	**.28**	**--**		
01022820 Northeast Creek monitoring station 101									
JUL 2000									
10...	1710	.02	.00	.000	33.0	.61	11.0	6.0	A6.31
10...	**1710**	**.02**	**.00**	**.000**	**33.0**	**.63**	**11.0**	**6.1**	**A6.30**
442517068190501 Northeast Creek monitoring station 102									
JUN 2000									
28...	0855	.02	1.05	7.30	34.0	.74	5.9	16.7	
28...	**0855**	**.01**	**1.07**	**7.30**	**36.0**	**.73**	**6.0**	**16.4**	
AUG									
07...	1550	.02	.00	1.50	12.0	.41	9.4	2.2	
07...	**1550**	**.03**	**.00**	**1.20**	**11.0**	**.39**	**9.7**	**2.2**	
SEP									
11...	1625	.06	18.1	3.30	17.0	.77	10.8	2.8	
11...	**1625**	**.07**	**19.1**	**3.40**	**18.0**	**.74**	**11.0**	**2.8**	
NOV									
28...	1535	.02	.00	4.50	21.0	.51	1.9	14.7	
28...	**1535**	**.02**	**.47**	**4.40**	**20.0**	**.53**	**2.0**	**14.9**	
442507068185301 Northeast Creek monitoring station 103									
JUL 2000									
10...	1525	.02	.00	.000	27.0	.77	11.0	7.8	
10...	**1525**	**.02**	**.00**	**--**	**--**	**.76**	**11.0**	**7.7**	
26...	1530	.01	.00	4.60	21.0	.55	--	10.2	A1.96
26...	**1530**	**.01**	**.00**	**4.30**	**20.0**	**.54**	**--**	**10.2**	**A2.07**
OCT									
11...	1450	.05	.00	6.40	30.0	.55	8.3	4.8	
11...	**1450**	**.05**	**.00**	**6.90**	**28.0**	**.55**	**8.5**	**4.8**	
442509068181901 Northeast Creek monitoring station 104									
MAY 2000									
31...	1215	.02	.00	2.70	18.0	.52	3.5	11.2	
31...	**1215**	**.02**	**.00**	**--**	**--**	**.52**	**3.6**	**10.6**	
JUN									
28...	1025	.02	.00	5.10	30.0	.64	5.7	14.8	
28...	**1025**	**.02**	**.00**	**--**	**--**	**.66**	**5.5**	**14.9**	
AUG									
07...	1515	.01	.00	1.00	13.0	.42	6.6	3.0	
07...	**1515**	**.01**	**.00**	**--**	**--**	**.43**	**6.6**	**3.0**	
21...	1530	.00	.00	.000	16.0	.53	5.5	3.6	
21...	**1530**	**.00**	**.00**	**.000**	**12.0**	**.53**	**5.2**	**3.7**	
SEP									
25...	1355	.01	.00	2.20	14.0	.56	6.9	2.8	
25...	**1355**	**.01**	**.00**	**--**	**--**	**.56**	**.5**	**2.9**	
JUL 2001									
02...	1330	<.10	--	2.10	21.0	.54	--	--	
02...	**1330**	**<.10**	**--**	**1.90**	**21.0**	**.56**	**--**	**--**	
442516068175501 Northeast Creek monitoring station 105									
JUN 2000									
13...	1425	.04	.02	8.60	34.0	.51	4.1	11.7	
13...	**1425**	**.04**	**.01**	**--**	**--**	**.51**	**4.0**	**11.6**	
AUG									
21...	1415	.00	.00	.000	19.0	.55	4.5	6.2	A1.60
21...	**1415**	**.00**	**.00**	**--**	**--**	**.55**	**4.5**	**6.1**	**A1.67**
SEP									
25...	1310	.01	.00	2.50	19.0	.50	5.9	3.6	
25...	**1310**	**.01**	**.00**	**2.50**	**17.0**	**.48**	**6.0**	**3.7**	
NOV									
28...	1255	.04	.22	7.90	19.0	.57	2.2	14.8	
28...	**1255**	**.04**	**.22**	**6.70**	**20.0**	**.57**	**1.9**	**14.8**	

Table A14. --Water-quality assurance records, replicate samples collected May-November 2001, Northeast Creek stations 100 through 105. Replicate samples are in bold. [Numbers in parentheses are USGS NWIS parameter code numbers. Abbreviations: fltrd, filtered; mg/L, milligrams per liter; N, nitrogen; P, phosphorus; std, standard; ug/L, micrograms per liter; unfltrd, unfiltered; uS/cm, microsiemens per centimeter; wat unf, unfiltered water; <, less than; --, missing data].

Date	Time	Silica, water, fltrd, mg/L (00955)	Ammonia water, fltrd, mg/L (71846)	Nitrate water, fltrd, mg/L as N (00618)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho-phos-phate, water, fltrd, mg/L as P (00671)	Phos-phorus, water, unfltrd mg/L (00665)	Total nitro-gen, water, unfltrd mg/L (00600)	Chloro-phyll a fluoro-metric method, corrctd ug/L (32209)
442530068193901 Northeast Creek monitoring station 100									
JUN 2001									
20...	1140	.920	<.10	--	<5.00	6.90	30.0	.71	A2.32
20...	**1140**	--	--	--	--	--	--	--	**A2.69**
AUG									
07...	1400	<.500	.16	--	<5.00	25.0	72.0	.44	A2.33
07...	**1400**	**<.500**	**.16**	**--**	**<5.00**	**28.0**	**67.0**	**.48**	**A2.54**
01022820 Northeast Creek at Rt 3 bridge, monitoring station 101									
MAY 2001									
22...	0940	.840	<.10	--	<5.00	17.0	26.0	.68	
22...	**0940**	**.850**	**<.10**	**--**	**<5.00**	**--**	**21.0**	**.66**	
AUG									
22...	1100	<.500	.40	--	<5.00	7.60	37.0	.60	A.830
22...	**1100**	**<.500**	**.19**	**--**	**<5.00**	**7.70**	**39.0**	**.60**	**A.800**
442517068190501 Northeast Creek monitoring station 102									
JUN 2001									
06...	1555	1.20	<.10	--	<5.00	4.20	28.0	.66	
06...	**1555**	**1.10**	**<.10**	**--**	**<5.00**	**4.90**	**28.0**	**.64**	
SEP									
10...	1650	<.500	.17	<5.00	--	3.30	28.0	.79	
10...	**1650**	**<.500**	**.19**	**<5.00**	**--**	**4.30**	**23.0**	**.77**	
442507068185301 Northeast Creek monitoring station 103									
JUN 2001									
20...	1600	1.00	<.10	--	<5.00	8.00	36.0	.70	
20...	**1600**	**1.00**	**<.10**	**--**	**<5.00**	**--**	**37.0**	**.69**	
OCT									
01...	1450	<.500	.17	--	<5.00	1.40	12.0	.66	
01...	**1450**	**<.500**	**.18**	**--**	**<5.00**	**2.00**	**12.0**	**.66**	
NOV									
06...	1500	<.500	.23	--	<5.00	3.40	35.0	.48	
06...	**1500**	**<.500**	**.10**	**--**	**<5.00**	**2.60**	**34.0**	**.46**	
442509068181901 Northeast Creek monitoring station 104									
JUL 2001									
02...	1330	<.500	<.10	--	<5.00	2.10	21.0	.54	
02...	**1330**	**<.500**	**<.10**	**--**	**<5.00**	**1.90**	**21.0**	**.56**	
442516068175501 Northeast Creek monitoring station 105									
JUL 2001									
02...	1230	1.20	<.10	--	<5.00	2.50	27.0	.53	A1.95
02...	**1230**	--	--	--	--	--	--	--	**A2.28**
18...	1320	.800	<.10	--	<5.00	6.20	28.0	.60	
18...	**1320**	**.790**	**<.10**	**--**	**<5.00**	**5.60**	**28.0**	**.58**	

Appendix 2

Water temperature and specific conductance monitored at two depths, stations 101-105

Table A15. Specific conductance and water temperature data collected May-November 2000 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data at 15-minute intervals. Shallow and deep data were collected at fixed depths located, respectively, about 0.2 m below the water surface and about 0.2 m above the stream bottom.]

SHALLOW

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	44800	15100	31100	---	---	---	---	---	---
5	---	---	---	44400	15100	28000	---	---	---	---	---	---
6	---	---	---	41500	11800	25100	---	---	---	---	---	---
7	---	---	---	43400	7990	23800	40000	20500	29400	---	---	---
8	---	---	---	19200	3340	7440	26200	13500	17800	33600	30500	31400
9	---	---	---	10400	2350	3610	26000	10800	13200	38200	28100	31000
10	---	---	---	---	---	---	---	---	---	37200	28400	32100
11	---	---	---	---	---	---	---	---	---	33200	27500	28500
12	---	---	---	---	---	---	---	---	---	39100	27000	28600
13	---	---	---	---	---	---	---	---	---	47100	28200	33500
14	---	---	---	---	---	---	---	---	---	47100	37200	41800
15	---	---	---	---	---	---	---	---	---	47600	40000	44300
16	---	---	---	---	---	---	---	---	---	47400	40800	44700
17	7000	283	997	---	---	---	---	---	---	46800	40600	44900
18	7000	493	1570	---	---	---	---	---	---	46500	38100	43200
19	7000	303	1620	38200	3070	13300	---	---	---	46800	38800	44100
20	5080	187	485	17900	2560	11500	---	---	---	45500	38900	43200
21	2350	210	300	14400	1930	4940	---	---	---	38900	33600	36300
22	284	228	264	---	---	---	---	---	---	39500	31700	33500
23	354	284	331	14600	2830	8510	---	---	---	40900	30600	32800
24	360	242	318	3330	2090	2610	---	---	---	48200	30700	35300
25	254	86	163	11100	1950	3240	---	---	---	50400	38800	43500
26	92	78	84	11800	2280	3980	---	---	---	50500	45900	48200
27	118	90	102	34200	2390	9580	---	---	---	50400	46700	48900
28	130	118	122	34100	12400	23200	---	---	---	50200	48000	49200
29	152	130	140	---	---	---	---	---	---	51100	48200	49600
30	3950	152	331	---	---	---	---	---	---	51100	48600	49700
31	---	---	---	---	---	---	---	---	---	51000	48700	49900
MONTH				44800	1930	13300				51100	27000	40300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER	
1	50900	47500	49300	49500	41200	45600	3720	1330	2330	128	112	121
2	49800	46700	48400	47900	38200	43700	1330	690	927	158	127	141
3	48600	45300	47100	48600	25000	40100	698	572	619	202	157	177
4	46600	42100	44100	45400	23300	37900	607	571	581	262	202	230
5	43200	38500	40600	41600	25300	39200	703	607	645	324	262	296
6	39600	35600	38000	40700	27500	32700	763	703	749	390	324	363
7	38700	34100	36000	33200	21000	28100	758	712	739	399	386	390
8	37200	34000	35700	26400	19100	21300	718	677	692	463	398	431
9	37700	34400	36200	28900	18300	20800	16000	693	2680	29200	461	2910
10	41300	33300	34300	29200	11400	17300	36500	889	10400	31700	592	5080
11	35800	33100	33800	20200	7390	11200	42800	1600	17600	58100	708	30300
12	45500	32800	34300	18800	6670	7610	43200	2500	17200	54600	5930	42300
13	45800	37900	41500	29800	6890	12800	46000	2180	20500	43600	11600	25200
14	48000	41900	45100	44400	8040	26400	50100	3500	27600	57200	4910	24800
15	49200	39600	45000	43400	27200	37300	42600	10200	24500	20000	3840	8530
16	47900	39400	45200	42700	14300	29400	12500	1550	4620	5220	2330	2900
17	47300	42200	45100	46300	18300	33900	23900	979	3990	19900	1440	4030
18	44700	38800	41800	49200	13400	31900	1610	800	1030	1440	195	491
19	45100	36200	40100	38100	25500	33300	815	572	642	199	146	160
20	47000	35300	40900	28300	5430	15200	13800	577	1710	474	139	160
21	49200	35700	42200	34400	4200	11600	7440	697	1010	203	144	171
22	48700	42500	46100	33000	4610	15300	18900	617	2780	151	142	146
23	49400	38300	43300	31300	3740	7180	13800	500	2060	178	149	161
24	48600	41400	45500	34000	3740	15300	23100	432	3210	237	177	203
25	49100	41400	45800	46800	16900	31400	25800	486	4610	351	237	290
26	50800	42800	47900	45400	30600	39800	38200	625	10200	491	351	429
27	52100	47000	49300	49700	29100	41000	3680	186	1170	542	491	522
28	52100	46100	49300	53500	36900	47000	188	108	132	19300	532	1880
29	50900	45600	48500	51500	31100	43100	108	101	104	653	529	568
30	50600	41500	47000	44200	17300	31200	113	103	107	1410	555	588
31	---	---	---	23000	3650	10900	---	---	---	13600	479	848
MONTH	52100	32800	42900	53500	3650	27700	50100	101	5500	58100	112	49

Table A15. Specific conductance and water temperature data collected May-November 2000 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME - Continued.

DEEP

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	47900	35400	44100	---	---	---
2	---	---	---	---	---	---	48200	36700	45300	---	---	---
3	---	---	---	---	---	---	49000	37800	46200	---	---	---
4	---	---	---	45200	17300	36100	48200	40000	45400	---	---	---
5	---	---	---	44600	17300	36000	47700	37800	44200	---	---	---
6	---	---	---	42100	18400	32800	46400	37000	42000	---	---	---
7	---	---	---	44100	17500	35000	39900	29800	35300	---	---	---
8	---	---	---	27100	4250	14500	32000	21900	26600	41500	39900	40600
9	---	---	---	12300	2460	5720	28900	22300	25000	41100	39700	40300
10	---	---	---	10800	1630	3310	---	---	---	41700	20200	38200
11	---	---	---	14200	1500	5300	---	---	---	41200	38400	39800
12	---	---	---	12400	3900	9470	---	---	---	43700	38600	39500
13	---	---	---	17400	8200	10800	---	---	---	46400	42300	43400
14	---	---	---	23000	11300	15900	---	---	---	47300	44700	46500
15	---	---	---	31000	19400	22300	---	---	---	47700	44700	47000
16	---	---	---	31900	23200	30700	---	---	---	48000	45300	47100
17	7000	300	3790	33500	27700	32500	---	---	---	47400	44500	46500
18	7000	506	3990	30600	24600	27300	---	---	---	47700	45100	46900
19	7000	299	2860	28000	22200	23900	---	---	---	47600	45300	46800
20	7000	186	872	23900	21600	22600	---	---	---	47400	44700	46000
21	3940	212	451	22800	22000	22500	---	---	---	46100	44700	45500
22	290	230	268	23300	22000	22600	---	---	---	45900	43700	44900
23	486	289	342	22400	21300	21800	---	---	---	45500	43100	44500
24	365	245	324	21500	20400	21100	---	---	---	49000	43900	45700
25	260	87	165	20800	19400	20300	---	---	---	50400	46800	48500
26	93	79	84	22600	19100	20200	---	---	---	50500	47300	49600
27	120	91	104	38800	21700	25300	---	---	---	50800	47500	49600
28	139	119	124	45400	32500	38400	---	---	---	50300	48200	49200
29	154	132	142	47900	33600	41800	---	---	---	50300	48600	49600
30	6440	154	689	47800	33900	44700	---	---	---	50500	48900	49600
31	---	---	---	---	---	---	---	---	---	50600	48700	49700
MONTH	7000	79	1010	47900	1500	23800	49000	21900	39300	50800	20200	45600

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER	
1	50600	48500	49500	48100	44200	46700	25500	1340	9360	135	116	126
2	50400	48100	49200	47500	44700	46500	1340	699	938	163	130	147
3	49800	25900	42000	47800	21700	39400	714	580	629	209	163	183
4	48600	21500	38300	47400	24400	44900	629	580	589	267	209	235
5	44100	21900	31300	46400	23000	35000	719	621	651	331	267	301
6	44900	29000	41600	45400	22800	31800	776	719	759	397	331	371
7	44800	28200	40700	44800	42800	43800	768	724	751	410	393	396
8	44500	23200	39300	43300	41600	42600	730	689	703	477	410	442
9	44600	23200	38400	42300	36200	40900	19600	703	11900	29000	477	18400
10	44000	20900	36500	37700	36800	37300	35300	9860	24800	31600	25400	29000
11	43300	18700	32500	37600	36300	37000	39200	12500	30200	48100	21600	38900
12	43100	22000	30700	36600	31300	35500	37900	7850	28900	47800	22700	41300
13	48400	25200	41800	32300	29100	30800	40900	14200	31200	40700	16600	33500
14	48200	23200	43300	42100	30400	37000	44000	18700	35800	47000	14000	36100
15	50100	44400	49200	40900	36200	39300	42700	15900	32900	41200	14400	29500
16	48000	28100	39900	42700	35300	40000	33200	1570	19600	17200	2640	10600
17	48100	21900	39600	42800	37500	41700	24900	1000	9490	22500	1460	9880
18	47600	23700	35300	46300	36800	43400	22300	7790	17200	1460	200	502
19	47400	23200	35500	46200	31700	41300	11800	691	5530	204	149	164
20	48300	22900	37200	36200	31500	35500	19000	7030	12900	491	145	166
21	49300	45700	47900	36100	28000	34900	17700	13800	15000	209	150	176
22	49300	22000	35800	33900	32400	33400	19500	8880	16400	157	147	152
23	49100	22800	32400	33500	29700	32800	16900	9060	13400	184	155	167
24	49300	23700	38400	34200	29500	31400	23400	3150	16600	244	183	209
25	49600	44700	47300	41600	31900	37000	25700	15600	22800	360	244	297
26	50200	46300	48900	42600	35600	41400	34900	19500	29400	497	360	436
27	50200	47200	49000	45800	34600	43200	34200	192	15100	551	497	530
28	50200	46300	48800	46500	39900	44000	192	110	136	23700	543	10100
29	49200	45600	48100	45100	38400	43800	114	105	108	17800	548	2680
30	49100	44600	47600	43900	31800	39100	120	107	112	11700	569	2170
31	---	---	---	39100	19700	31500	---	---	---	13600	498	2430
MONTH	50600	18700	41200	48100	19700	38800	44000	105	13500	48100	116	8700

Table A15. Specific conductance and water temperature data collected May-November 2000 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME - Continued.

SHALLOW

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	20.2	13.9	17.2	---	---	---	---	---	---
5	---	---	---	22.6	12.5	18.0	---	---	---	---	---	---
6	---	---	---	20.1	12.7	16.6	25.3	11.0	18.4	---	---	---
7	---	---	---	16.5	11.2	13.7	26.2	19.8	23.4	---	---	---
8	---	---	---	19.2	12.7	16.2	23.3	20.1	21.9	29.5	21.9	25.2
9	---	---	---	22.2	15.7	19.1	27.1	18.6	22.2	26.6	22.2	24.9
10	---	---	---	---	---	---	---	---	---	28.5	23.0	25.0
11	---	---	---	---	---	---	---	---	---	28.5	19.8	24.0
12	---	---	---	---	---	---	---	---	---	25.3	19.5	21.8
13	---	---	---	---	---	---	---	---	---	24.1	20.2	22.3
14	---	---	---	---	---	---	---	---	---	22.6	18.9	21.4
15	---	---	---	---	---	---	---	---	---	23.3	18.6	21.2
16	---	---	---	---	---	---	---	---	---	22.6	18.6	21.0
17	18.6	13.9	15.9	---	---	---	---	---	---	24.1	18.6	20.8
18	15.4	13.7	14.6	---	---	---	---	---	---	24.5	17.7	21.0
19	14.7	12.3	13.6	---	---	---	---	---	---	23.7	19.2	21.6
20	17.4	11.8	14.7	---	---	---	---	---	---	22.6	17.4	19.5
21	17.1	14.9	15.9	---	---	---	---	---	---	24.1	15.7	19.7
22	18.6	14.7	16.5	---	---	---	---	---	---	25.8	16.5	20.6
23	17.1	14.2	15.4	---	---	---	---	---	---	24.5	18.6	21.2
24	14.2	11.6	12.9	---	---	---	---	---	---	26.6	18.9	22.3
25	11.6	10.9	11.4	---	---	---	---	---	---	26.6	19.8	22.7
26	16.6	10.5	13.3	---	---	---	---	---	---	28.0	20.2	23.1
27	17.1	14.2	15.8	---	---	---	---	---	---	25.3	18.0	21.4
28	16.3	14.4	15.2	---	---	---	---	---	---	22.6	17.4	19.7
29	15.2	13.9	14.5	---	---	---	---	---	---	22.2	16.5	18.8
30	19.8	12.9	16.0	---	---	---	---	---	---	20.5	16.5	18.3
31	---	---	---	---	---	---	---	---	---	23.3	16.8	20.3
MONTH	19.8	10.5	14.7							29.5	15.7	21.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER	
1	25.8	18.3	22.5	16.5	12.0	14.1	6.9	6.0	6.5	3.0	2.0	2.5
2	24.9	18.6	21.6	18.6	14.4	16.3	8.1	6.5	7.4	2.0	0.2	0.8
3	20.5	17.7	19.4	19.2	14.2	16.5	8.5	6.9	7.9	0.9	0.1	0.4
4	20.2	18.0	19.4	17.7	13.7	15.5	7.8	6.2	6.9	1.2	0.2	0.6
5	20.8	14.4	17.9	16.0	11.8	14.3	6.9	6.2	6.5	0.9	0.2	0.6
6	21.2	12.3	16.6	14.4	11.2	12.3	7.0	6.3	6.7	1.2	0.2	0.6
7	21.2	14.2	17.6	14.2	10.7	12.7	8.3	6.7	7.6	0.6	0.3	0.4
8	23.7	15.7	19.8	15.4	9.7	12.5	9.5	8.1	8.7	0.7	0.2	0.4
9	25.8	17.7	21.5	13.4	10.1	11.4	10.5	8.7	9.4	0.9	-0.5	0.4
10	25.3	16.0	20.3	11.6	6.0	7.7	8.9	8.0	8.4	0.9	-0.2	0.3
11	23.7	15.4	19.7	8.9	5.3	6.7	9.5	7.6	8.7	0.2	-0.7	-0.2
12	23.3	18.9	21.1	12.7	4.8	8.3	9.7	8.5	9.0	1.3	-0.7	0.0
13	23.7	18.6	20.9	15.2	7.4	11.2	9.1	8.1	8.6	0.2	-0.6	-0.2
14	22.2	15.4	18.8	15.7	10.1	12.9	9.1	8.3	8.7	0.1	-0.7	-0.3
15	17.7	15.2	16.5	14.7	11.4	13.8	9.1	6.9	8.4	0.5	-0.4	0.0
16	19.5	15.2	17.3	12.5	7.9	10.7	6.9	5.2	6.0	0.3	-0.1	0.0
17	18.0	15.2	16.6	12.5	8.9	10.8	8.0	5.5	6.4	1.3	0.0	0.4
18	20.5	15.2	17.6	11.8	9.1	10.6	6.2	3.1	4.5	1.6	0.2	1.2
19	19.8	15.7	17.9	12.0	10.5	11.5	3.9	2.1	2.9	0.5	-0.1	0.2
20	19.2	17.7	18.3	12.7	8.3	10.7	3.6	1.8	2.3	0.3	-0.2	0.1
21	21.2	18.0	19.5	15.2	9.1	12.2	2.7	2.0	2.2	0.3	-0.1	0.1
22	20.2	16.0	18.3	14.4	8.7	10.8	2.3	1.3	1.8	0.1	-0.1	0.1
23	17.7	14.2	16.2	11.6	6.3	8.7	1.6	0.6	1.1	0.1	-0.1	0.1
24	17.1	14.7	16.4	12.5	5.5	9.1	1.6	0.3	0.9	0.2	-0.1	0.1
25	18.9	12.5	15.2	13.4	7.0	11.0	1.6	0.5	0.8	0.1	-0.1	0.1
26	15.2	12.3	14.0	14.2	10.5	12.1	1.6	0.5	0.9	0.1	-0.1	0.1
27	16.0	12.5	14.0	13.0	11.4	12.2	2.1	1.0	1.7	0.3	-0.1	0.1
28	13.7	10.7	12.8	11.8	7.4	10.4	3.1	2.0	2.6	0.1	-0.4	0.0
29	13.2	8.7	11.1	7.9	3.9	5.4	3.6	2.8	3.2	0.1	-0.1	0.1
30	14.2	9.7	12.1	6.3	3.4	4.9	3.4	2.8	3.1	0.1	0.1	0.1
31	---	---	---	6.7	6.0	6.2	---	---	---	0.1	-0.4	0.1
MONTH	25.8	8.7	17.7	19.2	3.4	11.1	10.5	0.3	5.3	3.0	-0.7	0.3

Table A15. Specific conductance and water temperature data collected May-November 2000 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME - Continued.

DEEP

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	23.7	14.9	18.0	---	---	---
2	---	---	---	---	---	---	24.9	16.5	20.1	---	---	---
3	---	---	---	---	---	---	22.6	16.8	19.4	---	---	---
4	---	---	---	19.2	13.9	16.5	23.0	15.7	19.6	---	---	---
5	---	---	---	19.8	12.5	16.1	23.0	16.5	20.5	---	---	---
6	---	---	---	20.5	12.7	16.1	24.5	16.8	21.2	---	---	---
7	---	---	---	17.7	11.4	13.2	25.8	19.5	22.8	---	---	---
8	---	---	---	18.3	12.5	15.4	25.3	21.2	22.7	26.2	23.3	25.0
9	---	---	---	22.2	15.5	18.5	24.9	21.5	23.0	27.1	24.5	26.1
10	---	---	---	20.5	18.0	19.0	---	---	---	27.1	24.5	26.0
11	---	---	---	18.6	14.9	16.2	---	---	---	29.5	25.3	27.0
12	---	---	---	19.8	14.4	16.6	---	---	---	27.1	21.2	25.9
13	---	---	---	19.5	17.7	18.3	---	---	---	23.7	19.8	22.4
14	---	---	---	20.2	17.9	18.7	---	---	---	21.5	18.6	20.5
15	---	---	---	18.6	15.2	18.2	---	---	---	21.2	18.3	19.2
16	---	---	---	19.8	15.2	16.1	---	---	---	20.8	18.6	19.5
17	17.7	14.2	15.6	21.2	18.9	19.6	---	---	---	21.5	18.6	20.1
18	14.9	13.7	14.5	21.9	20.8	21.4	---	---	---	21.9	17.7	19.8
19	14.9	12.5	13.6	22.6	19.5	20.6	---	---	---	22.6	18.6	20.4
20	17.4	11.8	14.6	22.2	20.1	21.0	---	---	---	21.9	18.6	20.4
21	17.1	14.9	15.8	21.9	20.1	20.8	---	---	---	24.1	20.5	22.2
22	18.6	14.7	16.5	21.2	18.0	19.3	---	---	---	25.8	22.2	23.7
23	17.1	14.2	15.4	21.5	19.8	20.6	---	---	---	25.3	23.0	24.0
24	14.2	11.6	13.0	22.2	21.2	21.8	---	---	---	25.8	23.0	23.8
25	11.6	11.2	11.4	23.0	21.9	22.5	---	---	---	25.8	21.5	23.6
26	16.6	10.5	13.3	25.3	22.6	23.5	---	---	---	24.5	20.2	22.1
27	17.1	14.2	15.8	26.6	23.0	25.3	---	---	---	23.0	18.0	20.0
28	16.5	14.4	15.2	25.8	22.2	23.3	---	---	---	22.2	17.1	19.4
29	15.2	13.9	14.5	23.3	17.1	21.3	---	---	---	21.9	16.5	18.6
30	19.2	12.9	15.9	19.2	14.9	17.5	---	---	---	20.5	16.5	18.1
31	---	---	---	---	---	---	---	---	---	23.0	16.8	20.0
MONTH	19.2	10.5	14.7	26.6	11.4	19.2				29.5	16.5	22.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER	
1	25.3	18.0	21.8	16.3	12.3	14.5	6.9	6.0	6.6	3.0	2.0	2.5
2	24.5	18.6	21.0	17.7	15.7	16.7	8.1	6.5	7.4	2.0	0.2	0.8
3	19.8	17.4	18.7	18.6	17.4	18.0	8.5	6.9	7.8	0.9	0.1	0.4
4	19.8	19.2	19.4	18.6	17.7	18.3	7.9	6.2	6.9	1.2	0.2	0.6
5	21.5	19.2	20.3	18.0	16.5	17.2	6.7	6.2	6.4	0.9	0.2	0.6
6	22.2	19.2	20.9	17.4	15.4	16.6	7.0	6.3	6.7	1.2	0.2	0.7
7	22.6	20.5	21.7	17.4	16.8	17.2	8.3	6.9	7.6	0.6	0.3	0.4
8	24.1	21.9	23.0	18.0	16.8	17.4	9.5	8.1	8.7	0.9	0.2	0.4
9	25.8	22.9	24.2	17.9	13.2	17.2	9.3	8.7	9.0	0.3	-0.6	-0.2
10	25.3	22.2	23.7	14.2	13.4	13.8	9.3	8.1	8.7	0.2	-0.6	-0.2
11	23.7	20.8	22.4	14.4	13.9	14.2	9.3	8.1	8.7	0.2	-0.7	-0.3
12	23.3	18.6	22.4	14.2	11.8	13.9	9.5	8.5	9.3	1.3	-0.7	0.0
13	21.2	17.7	19.7	12.5	11.4	12.1	9.1	8.5	8.8	0.1	-0.6	-0.2
14	19.5	17.1	18.4	13.2	11.6	12.4	9.1	8.7	8.9	0.1	-0.7	-0.2
15	17.1	15.5	16.0	14.7	12.7	13.7	9.1	8.1	8.6	0.5	-0.6	0.0
16	18.9	15.7	17.3	14.2	10.5	12.0	8.3	5.7	6.8	0.2	-0.1	0.1
17	17.7	15.2	16.7	12.0	9.9	11.3	8.0	5.5	6.7	1.6	0.0	0.5
18	20.5	16.8	18.6	12.3	10.1	11.4	7.8	3.3	5.4	1.6	0.2	1.2
19	20.2	18.6	19.2	12.0	10.5	11.1	4.2	2.2	3.2	0.5	-0.2	0.2
20	19.2	17.7	18.6	13.2	11.4	12.1	4.0	2.4	3.2	0.3	-0.2	0.1
21	20.5	17.7	18.9	14.9	12.5	13.4	3.7	2.7	3.2	0.3	-0.1	0.1
22	21.2	18.0	19.5	15.2	14.4	14.7	2.7	1.7	2.4	0.1	-0.1	0.1
23	18.9	16.3	17.8	14.4	10.5	13.4	2.3	1.1	1.6	0.1	-0.1	0.1
24	17.1	14.9	16.4	11.2	8.3	10.1	1.5	0.6	1.1	0.2	-0.1	0.1
25	16.0	12.5	14.7	11.4	8.9	10.5	1.5	0.3	1.1	0.1	-0.1	0.1
26	15.2	12.9	14.0	13.2	10.5	11.4	1.7	0.9	1.5	0.1	-0.1	0.1
27	15.7	12.5	14.0	12.5	11.2	11.7	2.1	1.7	1.9	0.3	-0.1	0.1
28	13.7	11.4	12.8	11.8	8.1	10.5	3.1	2.0	2.6	0.1	-0.6	-0.1
29	13.2	9.3	11.3	8.5	4.8	5.8	3.6	2.8	3.2	0.2	0.1	0.1
30	14.2	10.5	12.4	6.5	4.5	5.7	3.4	2.8	3.1	0.2	0.0	0.1
31	---	---	---	6.9	6.3	6.6	---	---	---	0.1	-0.4	0.1
MONTH	25.8	9.3	18.5	18.6	4.5	13.1	9.5	0.3	5.6	3.0	-0.7	0.3

Table A16. Specific conductance and water temperature data collected May-November 2000 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data at 15-minute intervals. Shallow and deep data were collected at fixed depths located, respectively, about 0.2 m below the water surface and about 0.2 m above the stream bottom.]

SHALLOW

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	7000	295	797	---	---	---	---	---	---
2	---	---	---	7000	1510	6280	---	---	---	---	---	---
3	---	---	---	7000	5210	6910	---	---	---	---	---	---
4	---	---	---	7000	7000	7000	---	---	---	---	---	---
5	---	---	---	7000	6500	6990	---	---	---	---	---	---
6	---	---	---	7000	7000	7000	---	---	---	---	---	---
7	---	---	---	7000	4610	6680	24900	9780	15700	---	---	---
8	---	---	---	7000	2120	3310	11900	6590	8220	21900	10200	15900
9	---	---	---	2120	1630	1830	8460	5710	7150	11400	9240	10000
10	---	---	---	1640	1040	1220	---	---	---	22000	9620	13500
11	---	---	---	1180	1040	1130	---	---	---	22400	21300	21900
12	---	---	---	1150	901	1020	---	---	---	22400	21000	21700
13	---	---	---	1070	846	988	---	---	---	24000	20800	21500
14	---	---	---	1310	1020	1110	---	---	---	26300	21300	22400
15	---	---	---	2100	1150	1250	---	---	---	25900	21800	23100
16	---	---	---	2350	1240	1420	---	---	---	27600	22500	24200
17	---	---	---	3920	1380	1760	---	---	---	28900	23300	25600
18	304	216	245	6540	1170	1570	---	---	---	26400	24000	25000
19	308	132	199	1420	958	1180	---	---	---	37800	23600	24600
20	167	128	143	1200	1030	1130	---	---	---	28800	22200	24000
21	216	164	180	1190	1060	1130	---	---	---	---	---	---
22	299	216	247	1310	1110	1220	---	---	---	---	---	---
23	335	298	313	1320	1220	1270	---	---	---	---	---	---
24	314	226	255	1260	1020	1160	---	---	---	---	---	---
25	243	69	114	1140	1060	1100	---	---	---	---	---	---
26	82	68	73	1230	1060	1140	---	---	---	---	---	---
27	107	82	94	3600	1100	1490	---	---	---	---	---	---
28	121	103	111	---	---	---	---	---	---	---	---	---
29	152	119	132	---	---	---	---	---	---	46000	39600	42300
30	222	152	183	---	---	---	---	---	---	46100	41100	43400
31	347	222	273	---	---	---	---	---	---	45700	38300	43100
MONTH	347	68	183	7000	295	2560				46100	9240	25100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	44700	40400	42500	42100	31800	34100	2010	642	1170
2	42700	38300	40700	36200	30900	32500	727	397	488
3	40600	34100	37700	37100	30100	32000	2080	396	434
4	36100	29100	32800	32800	29900	31200	657	440	476
5	34500	26200	29200	---	---	---	637	517	573
6	26300	24600	25500	---	---	---	646	598	625
7	25600	24200	24800	---	---	---	832	568	589
8	25600	24100	24800	16400	11900	13900	1480	566	602
9	29400	24400	25400	17800	12000	14500	3160	617	786
10	28600	26300	27400	16000	6970	9290	1510	394	661
11	29000	26100	27500	---	---	---	---	---	---
12	29400	26600	27200	---	---	---	---	---	---
13	30900	28100	29200	---	---	---	---	---	---
14	40100	29200	30300	---	---	---	---	---	---
15	37700	29000	32700	---	---	---	---	---	---
16	---	---	---	---	---	---	5860	655	1810
17	37000	30900	32900	---	---	---	---	---	---
18	32000	29600	30500	---	---	---	674	451	553
19	48200	27900	29500	---	---	---	473	439	456
20	31800	27500	29900	---	---	---	550	470	492
21	34400	26600	29600	---	---	---	577	466	539
22	35600	30200	31400	---	---	---	530	345	412
23	---	---	---	---	---	---	400	323	356
24	---	---	---	---	---	---	396	323	361
25	42000	29800	32700	---	---	---	459	368	418
26	44600	32600	38000	---	---	---	733	434	495
27	45600	35900	40800	---	---	---	514	102	247
28	44800	36800	41200	---	---	---	---	---	---
29	42800	36000	39000	---	---	---	---	---	---
30	39400	32900	36100	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---
MONTH	48200	24100	32200	42100	6970	23900	5860	102	597

Table A16. Specific conductance and water temperature data collected May-November 2000 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	28000	20000	23400	---	---	---
8	---	---	---	---	---	---	20600	16200	19100	27500	21600	26100
9	---	---	---	---	---	---	18400	11900	16400	27900	16500	25600
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	25800	23300	24400
12	---	---	---	---	---	---	---	---	---	26500	23700	25100
13	---	---	---	---	---	---	---	---	---	25800	24100	25000
14	---	---	---	---	---	---	---	---	---	26400	15300	24900
15	---	---	---	---	---	---	---	---	---	27200	16300	25700
16	---	---	---	---	---	---	---	---	---	28700	25000	27300
17	---	---	---	---	---	---	---	---	---	30500	27000	29200
18	---	---	---	---	---	---	---	---	---	29400	25400	27100
19	---	---	---	---	---	---	---	---	---	28600	26400	27600
20	---	---	---	---	---	---	---	---	---	28500	25600	27300
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	47300	32100	43400
30	---	---	---	---	---	---	---	---	---	47300	26100	42000
31	---	---	---	---	---	---	---	---	---	46000	23300	41800
MONTH	---	---	---	---	---	---				47300	15300	29500

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	45800	21900	41300	38300	35700	37000	2050	657	1190
2	43900	30200	40200	37800	35900	37000	659	409	488
3	42300	23700	35400	37600	35000	36600	454	406	421
4	41200	23300	36100	36900	33000	35200	532	453	486
5	41200	18600	34200	36000	34600	35200	650	532	588
6	40800	24700	33800	36200	34900	35700	663	614	642
7	39600	20100	32600	35700	28900	32200	614	584	603
8	36600	24600	32400	32200	20200	28000	632	582	603
9	36200	21100	30900	29600	25600	28300	719	632	675
10	34100	18100	30100	26200	7300	19300	2400	409	716
11	34200	19300	30400	---	---	---	17900	383	8660
12	33500	15300	21700	---	---	---	19300	681	10100
13	32300	13900	25500	---	---	---	24400	812	13400
14	31600	19500	26900	---	---	---	34500	6070	26900
15	35500	21500	29300	---	---	---	33900	3890	19200
16	39700	24200	28400	---	---	---	4640	682	1500
17	36500	23500	32000	---	---	---	1230	567	679
18	36700	16300	32100	---	---	---	646	470	566
19	35700	17200	32300	---	---	---	489	451	466
20	34600	20400	29900	---	---	---	560	485	504
21	35200	15900	27800	---	---	---	617	481	566
22	35400	18800	28300	---	---	---	547	355	443
23	33500	19200	27300	---	---	---	416	333	380
24	37200	24200	30500	---	---	---	409	333	372
25	43700	19800	33300	---	---	---	474	379	431
26	46000	40800	42800	---	---	---	824	448	513
27	46200	36400	43500	---	---	---	534	105	256
28	45900	37100	43500	---	---	---	---	---	---
29	43200	40300	41700	---	---	---	---	---	---
30	41300	33800	38600	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---
MONTH	46200	13900	33100	38300	7300	32400	34500	105	3380

Table A16. Specific conductance and water temperature data collected May-November 2000 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME - Continued.

SHALLOW

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	24.4	16.1	19.5	---	---	---	---	---	---
2	---	---	---	21.4	15.6	19.4	---	---	---	---	---	---
3	---	---	---	21.7	13.5	17.6	---	---	---	---	---	---
4	---	---	---	20.3	15.0	18.0	---	---	---	---	---	---
5	---	---	---	22.4	14.3	18.5	---	---	---	---	---	---
6	---	---	---	20.6	16.4	17.8	---	---	---	---	---	---
7	---	---	---	17.2	12.8	14.5	26.5	21.0	23.6	---	---	---
8	---	---	---	19.0	13.5	16.3	23.2	19.3	21.2	28.8	20.7	23.9
9	---	---	---	23.2	15.3	18.9	26.0	17.5	21.5	26.0	18.4	22.4
10	---	---	---	20.6	17.8	18.5	---	---	---	27.8	20.0	23.6
11	---	---	---	17.8	14.2	15.3	---	---	---	28.3	20.3	23.9
12	---	---	---	22.1	13.3	17.1	---	---	---	23.9	19.6	21.7
13	---	---	---	21.0	15.8	18.3	---	---	---	24.4	20.3	21.8
14	---	---	---	22.4	16.1	19.0	---	---	---	22.8	19.0	21.4
15	---	---	---	19.3	16.9	17.6	---	---	---	25.2	20.7	22.7
16	---	---	---	26.5	16.1	19.9	---	---	---	24.4	21.0	22.9
17	---	---	---	30.3	20.7	24.1	---	---	---	25.6	20.0	23.0
18	16.4	13.5	14.1	26.9	21.0	23.5	---	---	---	24.8	18.1	21.4
19	15.3	11.9	13.6	28.3	20.7	23.8	---	---	---	24.8	19.3	22.1
20	18.1	11.0	14.5	25.6	20.6	22.8	---	---	---	23.2	18.1	20.5
21	16.7	13.5	15.3	23.2	19.7	21.6	---	---	---	---	---	---
22	18.4	14.0	16.1	28.3	18.4	21.9	---	---	---	---	---	---
23	16.6	13.8	14.9	26.9	20.7	23.7	---	---	---	---	---	---
24	14.2	11.4	12.6	28.8	21.0	24.3	---	---	---	---	---	---
25	11.7	10.8	11.3	26.9	20.3	23.2	---	---	---	---	---	---
26	17.2	10.4	13.6	32.6	21.7	25.9	---	---	---	---	---	---
27	17.8	13.5	15.7	28.8	23.2	25.7	---	---	---	---	---	---
28	16.1	13.5	14.9	---	---	---	---	---	---	---	---	---
29	15.3	13.0	14.1	---	---	---	---	---	---	24.4	18.4	20.9
30	20.0	12.3	15.9	---	---	---	---	---	---	22.1	18.1	20.0
31	20.0	14.3	17.1	---	---	---	---	---	---	25.6	19.4	22.2
MONTH	20.0	10.4	14.6	32.6	12.8	20.2				28.8	18.1	22.1

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	27.8	22.1	24.7	17.8	11.6	14.4	6.9	5.8	6.4
2	26.0	20.6	23.0	19.4	14.5	16.7	8.4	6.4	7.4
3	21.4	19.3	20.1	21.0	14.8	17.5	9.0	6.5	7.8
4	20.3	17.2	19.0	18.4	14.0	16.4	7.8	6.0	6.5
5	20.7	13.0	16.6	18.4	13.3	15.4	6.9	5.8	6.4
6	21.0	11.6	16.1	15.0	11.7	13.2	7.1	6.2	6.6
7	20.0	12.8	16.3	14.3	10.6	12.5	8.6	6.7	7.6
8	21.7	14.5	18.3	14.3	9.3	11.9	9.3	7.8	8.6
9	25.2	16.1	20.2	11.4	7.1	9.5	10.2	8.4	9.3
10	24.8	14.2	18.6	8.2	5.0	6.7	8.9	7.8	8.1
11	22.4	11.6	17.9	---	---	---	9.3	7.6	8.5
12	22.4	18.7	20.6	---	---	---	10.0	8.4	9.1
13	25.2	20.3	22.1	---	---	---	9.2	8.0	8.6
14	24.0	18.1	21.1	---	---	---	8.9	8.2	8.7
15	21.3	18.1	19.5	---	---	---	9.2	6.5	8.4
16	21.0	16.9	18.9	---	---	---	6.6	4.8	5.8
17	18.4	15.0	16.8	---	---	---	7.3	5.2	6.2
18	22.1	14.8	18.2	---	---	---	6.2	3.1	4.4
19	20.0	15.8	18.2	---	---	---	3.8	2.1	2.9
20	20.7	17.8	19.1	---	---	---	2.5	1.7	2.1
21	22.1	18.4	20.2	---	---	---	2.8	1.7	2.2
22	22.1	16.4	19.0	---	---	---	2.1	1.0	1.5
23	18.7	16.1	17.6	---	---	---	1.4	0.4	0.9
24	17.8	16.1	17.1	---	---	---	1.4	0.3	0.8
25	19.4	13.0	16.3	---	---	---	1.3	0.3	0.8
26	16.4	13.5	15.2	---	---	---	1.0	0.3	0.6
27	17.5	12.8	15.0	---	---	---	2.1	0.9	1.7
28	15.0	11.0	13.5	---	---	---	---	---	---
29	13.8	9.3	11.7	---	---	---	---	---	---
30	15.0	9.7	12.4	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---
MONTH	27.8	9.3	18.1	21.0	5.0	13.4	10.2	0.3	5.5

Table A16. Specific conductance and water temperature data collected May-November 2000 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	26.0	22.0	24.3	---	---	---
8	---	---	---	---	---	---	25.6	23.6	24.4	29.3	23.2	26.0
9	---	---	---	---	---	---	26.5	22.0	23.9	28.8	24.8	26.3
10	---	---	---	---	---	---	---	---	---	28.3	23.6	25.6
11	---	---	---	---	---	---	---	---	---	26.9	21.0	24.2
12	---	---	---	---	---	---	---	---	---	26.5	21.7	23.6
13	---	---	---	---	---	---	---	---	---	24.8	22.1	23.5
14	---	---	---	---	---	---	---	---	---	25.2	23.2	23.8
15	---	---	---	---	---	---	---	---	---	25.2	23.2	24.1
16	---	---	---	---	---	---	---	---	---	24.8	23.6	24.1
17	---	---	---	---	---	---	---	---	---	26.0	22.8	23.9
18	---	---	---	---	---	---	---	---	---	25.2	19.3	23.0
19	---	---	---	---	---	---	---	---	---	25.2	22.4	23.4
20	---	---	---	---	---	---	---	---	---	24.4	20.6	22.7
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	24.4	18.4	20.9
30	---	---	---	---	---	---	---	---	---	22.1	18.1	20.0
31	---	---	---	---	---	---	---	---	---	25.6	19.0	22.1
MONTH	---	---	---	---	---	---				29.3	18.1	23.6

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	27.4	22.1	24.6	17.8	12.8	14.8	6.9	5.8	6.4
2	25.6	21.3	23.3	18.4	15.3	16.9	8.4	6.4	7.4
3	22.1	21.0	21.3	20.0	17.5	18.6	9.0	6.5	7.8
4	22.1	21.0	21.5	19.3	16.4	18.5	7.8	6.0	6.5
5	24.4	21.3	22.5	19.7	17.5	18.6	6.9	6.0	6.4
6	24.0	20.6	22.4	18.7	15.8	17.2	7.1	6.2	6.6
7	22.4	20.6	21.6	15.8	14.5	15.3	8.8	6.7	7.6
8	22.4	19.0	21.0	15.8	13.8	15.3	9.3	8.0	8.7
9	25.6	21.0	23.3	15.8	13.5	15.4	10.4	8.4	9.3
10	24.7	21.0	23.1	13.5	6.9	9.4	8.9	7.6	8.2
11	23.5	17.2	21.1	---	---	---	9.2	7.6	8.4
12	23.2	19.4	21.5	---	---	---	9.8	8.6	9.0
13	24.0	21.0	22.4	---	---	---	9.1	8.0	8.6
14	24.0	19.0	21.4	---	---	---	9.1	8.4	8.8
15	22.0	19.4	20.6	---	---	---	9.2	6.7	8.5
16	20.7	17.5	19.0	---	---	---	6.7	4.8	5.9
17	20.0	15.0	17.7	---	---	---	7.1	5.2	6.2
18	21.0	17.5	19.1	---	---	---	6.2	3.1	4.5
19	20.7	18.1	20.1	---	---	---	3.8	2.1	2.9
20	21.4	20.0	20.6	---	---	---	2.5	1.7	2.1
21	22.4	20.3	21.1	---	---	---	2.8	1.8	2.2
22	22.1	17.5	19.8	---	---	---	2.1	1.1	1.6
23	19.4	18.1	18.6	---	---	---	---	---	---
24	18.4	16.7	17.5	---	---	---	---	---	---
25	19.4	15.5	17.8	---	---	---	---	---	---
26	15.8	14.0	15.3	---	---	---	---	---	---
27	17.2	14.0	15.3	---	---	---	2.1	1.0	1.7
28	15.0	12.1	14.0	---	---	---	---	---	---
29	14.0	11.0	12.5	---	---	---	---	---	---
30	15.3	10.6	13.2	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---
MONTH	27.4	10.6	19.8	20.0	6.9	16.0	10.4	1.0	6.3

Table A17. Specific conductance and water temperature data collected May-November 2000 at station 103 (USGS identifier 442507068185301) Northeast Creek near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data at 15-minute intervals. Shallow and deep data were collected at fixed depths located, respectively, about 0.2 m below the water surface and about 0.2 m above the stream bottom.]

SHALLOW

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	3570	264	391	36100	18200	27600	---	---	---
2	---	---	---	7000	455	1680	41400	24600	33200	---	---	---
3	---	---	---	---	---	---	43500	25900	34800	---	---	---
4	---	---	---	---	---	---	41600	25900	33800	---	---	---
5	---	---	---	---	---	---	39400	27900	33300	---	---	---
6	---	---	---	---	---	---	33200	21800	28100	---	---	---
7	---	---	---	---	---	---	23300	8420	15300	---	---	---
8	---	---	---	---	---	---	12400	4950	7190	---	---	---
9	---	---	---	---	---	---	16700	6900	11900	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	20600	18600	19600
12	---	---	---	---	---	---	---	---	---	19500	18700	19000
13	---	---	---	---	---	---	---	---	---	19400	18900	19200
14	---	---	---	1260	746	1050	---	---	---	20700	19100	19900
15	---	---	---	1430	999	1230	---	---	---	21400	20200	20900
16	---	---	---	1500	1010	1270	---	---	---	22500	20700	21700
17	---	---	---	1460	1060	1310	---	---	---	23500	21600	22600
18	292	195	234	1310	927	1140	---	---	---	22600	21600	22000
19	284	114	161	1310	683	1020	---	---	---	22000	20900	21500
20	165	110	131	1100	803	940	---	---	---	21500	19600	20900
21	236	140	174	1260	601	1050	---	---	---	---	---	---
22	383	192	250	1340	1060	1230	---	---	---	---	---	---
23	394	257	292	1260	1040	1110	---	---	---	---	---	---
24	273	174	228	1230	601	1050	---	---	---	---	---	---
25	174	67	92	1280	910	1150	---	---	---	---	---	---
26	83	64	69	1270	638	1040	---	---	---	---	---	---
27	108	76	87	1230	967	1100	---	---	---	---	---	---
28	131	92	101	2700	1130	1280	---	---	---	---	---	---
29	165	107	126	25300	2120	4320	---	---	---	43200	37500	41000
30	255	139	187	34700	8880	18200	---	---	---	44100	40900	42900
31	368	217	294	---	---	---	---	---	---	43700	39500	42000
MONTH	394	64	173	34700	264	2190	43500	4950	25000	44100	18600	25600

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN
	SEPTEMBER			OCTOBER		
1	42100	38500	41200	35800	32200	34000
2	40600	30600	37100	33500	28800	30700
3	36000	31100	34900	31700	27900	29700
4	34600	27100	30100	30800	28600	29500
5	28600	23500	24500	28800	25000	26500
6	25700	23700	24600	26300	18800	20600
7	26400	23800	25100	18800	14900	16400
8	24900	22600	23700	17400	14000	15300
9	24600	22800	23700	14600	8990	11700
10	23600	22200	23000	12800	9090	10800
11	24000	22200	23400	---	---	---
12	24700	23500	24100	---	---	---
13	27100	24300	25400	---	---	---
14	27000	24600	25700	---	---	---
15	29400	25700	27400	---	---	---
16	33300	27400	31100	---	---	---
17	31900	29700	31000	---	---	---
18	30400	26800	28200	---	---	---
19	28300	25400	26400	---	---	---
20	27200	24200	25400	---	---	---
21	29900	25400	26300	---	---	---
22	30300	27200	28600	---	---	---
23	28500	26600	27600	---	---	---
24	30200	26900	28600	---	---	---
25	33300	27100	28800	---	---	---
26	38900	31400	33900	---	---	---
27	41700	37300	40000	---	---	---
28	42200	36000	40300	---	---	---
29	38700	34500	37500	---	---	---
30	37800	34600	36000	---	---	---
31	---	---	---	---	---	---
MONTH	42200	22200	29500	35800	8990	22500

Table A17. Specific conductance and water temperature data collected May-November 2000 at station 103 (USGS identifier 442507068185301) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	3760	286	400	36100	32600	34000	---	---	---
2	---	---	---	7000	462	2000	41100	33500	39100	---	---	---
3	---	---	---	---	---	---	44100	35500	41200	---	---	---
4	---	---	---	---	---	---	42400	32300	40000	---	---	---
5	---	---	---	---	---	---	39900	34500	37900	---	---	---
6	---	---	---	---	---	---	35600	31300	34400	---	---	---
7	---	---	---	---	---	---	31300	19200	24500	---	---	---
8	---	---	---	---	---	---	20000	17500	19300	---	---	---
9	---	---	---	---	---	---	21100	15000	18800	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	22900	20600	21400
12	---	---	---	---	---	---	---	---	---	21100	19700	20500
13	---	---	---	---	---	---	---	---	---	20400	19500	19800
14	---	---	---	1430	934	1240	---	---	---	21800	19400	21200
15	---	---	---	1460	1140	1320	---	---	---	22100	21100	21600
16	---	---	---	1680	1240	1400	---	---	---	22700	21900	22300
17	---	---	---	1630	1340	1480	---	---	---	23200	22000	22800
18	5890	4680	5540	1530	1240	1350	---	---	---	23100	22100	22500
19	5800	5560	5650	1480	1150	1260	---	---	---	22500	21800	22100
20	5600	5380	5480	1380	933	1120	---	---	---	22200	21200	21700
21	5460	5340	5400	1370	1060	1200	---	---	---	---	---	---
22	5390	3340	4990	1430	1240	1310	---	---	---	---	---	---
23	5520	4890	5310	1480	1100	1230	---	---	---	---	---	---
24	5410	1120	3650	1410	1150	1250	---	---	---	---	---	---
25	5310	2750	4560	1520	1170	1270	---	---	---	---	---	---
26	5380	5190	5260	1610	1360	1510	---	---	---	---	---	---
27	5350	4970	5220	1430	1200	1290	---	---	---	---	---	---
28	5190	4840	5040	2070	1300	1470	---	---	---	---	---	---
29	5040	4630	4790	25500	2070	4430	---	---	---	43400	39300	42000
30	4800	4620	4690	34900	21400	23700	---	---	---	45000	42000	43800
31	4830	317	2810	---	---	---	---	---	---	44700	42000	43200
MONTH	5890	317	4880	34900	286	2640	44100	15000	32100	45000	19400	26500

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN
	SEPTEMBER			OCTOBER		
1	43000	41000	42100	39400	36400	37900
2	42200	36200	40500	37400	35000	36300
3	40700	37600	39000	36500	34500	35500
4	39000	36300	37400	35800	33900	34800
5	37100	34700	35900	34700	32400	33600
6	35600	33300	34300	33600	29600	31200
7	33800	31100	32400	29800	27100	28300
8	31300	28900	29800	27800	26400	27000
9	29600	26600	28100	27000	25400	26400
10	28300	25000	26500	25800	23900	24600
11	26500	23800	24800	---	---	---
12	25200	24100	24600	---	---	---
13	27900	25200	27200	---	---	---
14	27400	26300	26900	---	---	---
15	30600	26600	28700	---	---	---
16	33900	30000	31900	---	---	---
17	33000	31500	32100	---	---	---
18	32400	30400	31300	---	---	---
19	31400	29500	30800	---	---	---
20	30900	28800	29900	---	---	---
21	30400	28100	29600	---	---	---
22	30000	29300	29700	---	---	---
23	29900	28200	28900	---	---	---
24	30900	28900	30400	---	---	---
25	33900	29800	30600	---	---	---
26	40100	32900	34600	---	---	---
27	42300	39300	40700	---	---	---
28	43500	40400	41500	---	---	---
29	42400	38700	40100	---	---	---
30	40100	38200	39000	---	---	---
31	---	---	---	---	---	---
MONTH	43500	23800	32600	39400	23900	31600

Table A17. Specific conductance and water temperature data collected May-November 2000 at station 103 (USGS identifier 442507068185301) Northeast Creek near Bar Harbor, ME - Continued.

SHALLOW

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	22.2	15.7	18.9	27.1	17.6	21.6	---	---	---
2	---	---	---	21.5	17.6	19.8	28.0	19.5	23.3	---	---	---
3	---	---	---	---	---	---	26.2	19.2	23.0	---	---	---
4	---	---	---	---	---	---	26.2	19.5	23.1	---	---	---
5	---	---	---	---	---	---	26.2	20.8	23.4	---	---	---
6	---	---	---	---	---	---	27.5	20.5	23.4	---	---	---
7	---	---	---	---	---	---	27.5	20.8	23.8	---	---	---
8	---	---	---	---	---	---	23.7	19.2	20.9	---	---	---
9	---	---	---	---	---	---	27.5	17.1	21.8	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	31.0	19.5	24.9
12	---	---	---	---	---	---	---	---	---	23.7	18.8	21.9
13	---	---	---	---	---	---	---	---	---	25.3	20.1	22.3
14	---	---	---	21.9	14.4	18.3	---	---	---	23.3	20.1	21.6
15	---	---	---	17.9	16.0	16.9	---	---	---	26.6	20.5	23.0
16	---	---	---	24.9	15.7	19.5	---	---	---	25.3	21.5	23.1
17	---	---	---	28.0	19.5	23.4	---	---	---	27.1	20.5	23.3
18	15.2	13.2	13.7	27.1	19.2	22.5	---	---	---	27.1	16.2	21.6
19	15.4	11.8	13.5	27.5	19.5	22.9	---	---	---	27.1	19.2	22.5
20	19.2	10.7	14.5	27.1	18.5	22.7	---	---	---	24.9	16.8	20.2
21	16.5	13.2	14.8	22.6	18.6	20.2	---	---	---	---	---	---
22	18.6	13.9	15.9	26.6	17.1	21.1	---	---	---	---	---	---
23	15.9	12.9	14.4	28.0	19.8	23.6	---	---	---	---	---	---
24	13.6	11.3	12.2	27.1	18.5	22.9	---	---	---	---	---	---
25	11.4	10.5	11.1	25.3	18.2	21.8	---	---	---	---	---	---
26	17.1	10.3	13.5	32.1	20.1	25.4	---	---	---	---	---	---
27	17.7	13.4	15.6	30.0	21.8	24.8	---	---	---	---	---	---
28	16.3	13.4	14.8	30.0	20.8	25.0	---	---	---	---	---	---
29	15.4	12.5	13.9	27.1	21.5	24.2	---	---	---	24.9	19.8	21.9
30	19.5	12.0	15.7	23.7	17.9	21.4	---	---	---	22.6	19.1	21.1
31	19.5	13.9	16.6	---	---	---	---	---	---	26.6	20.5	23.1
MONTH	19.5	10.3	14.3	32.1	14.4	21.9				31.0	16.2	22.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER	
1	30.5	22.2	25.0	18.9	11.6	14.6
2	25.3	19.2	21.2	21.5	13.4	16.9
3	21.8	18.9	20.2	22.2	13.4	17.6
4	20.5	16.0	19.5	19.2	13.2	16.0
5	21.5	13.6	16.9	18.3	9.7	14.0
6	24.1	11.6	17.0	13.9	9.9	10.8
7	23.0	13.4	17.4	14.7	10.9	12.7
8	25.8	14.4	19.2	15.4	10.1	13.2
9	27.5	15.2	20.6	11.8	4.2	7.8
10	27.5	13.4	19.6	9.1	3.1	6.9
11	24.9	12.2	18.4	---	---	---
12	23.7	16.5	19.7	---	---	---
13	25.8	17.9	20.9	---	---	---
14	24.9	13.9	19.1	---	---	---
15	19.2	14.6	17.2	---	---	---
16	23.3	16.8	19.3	---	---	---
17	19.8	15.4	17.2	---	---	---
18	23.7	13.4	18.0	---	---	---
19	20.8	15.7	18.3	---	---	---
20	20.5	17.4	18.8	---	---	---
21	23.3	17.9	20.5	---	---	---
22	22.9	15.7	18.8	---	---	---
23	18.3	13.4	16.1	---	---	---
24	18.2	16.5	17.3	---	---	---
25	20.1	11.8	16.3	---	---	---
26	16.8	13.6	15.8	---	---	---
27	18.0	14.1	16.0	---	---	---
28	15.7	11.8	14.1	---	---	---
29	15.2	10.3	12.6	---	---	---
30	16.8	10.7	13.5	---	---	---
31	---	---	---	---	---	---
MONTH	30.5	10.3	18.1	22.2	3.1	13.1

Table A17. Specific conductance and water temperature data collected May-November 2000 at station 103 (USGS identifier 442507068185301) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	22.2	15.7	18.9	26.2	17.6	21.7	---	---	---
2	---	---	---	21.5	17.9	19.9	28.0	19.8	23.6	---	---	---
3	---	---	---	---	---	---	25.8	19.5	22.9	---	---	---
4	---	---	---	---	---	---	26.2	19.5	23.3	---	---	---
5	---	---	---	---	---	---	27.1	21.1	24.1	---	---	---
6	---	---	---	---	---	---	30.0	21.5	24.6	---	---	---
7	---	---	---	---	---	---	29.5	23.7	25.6	---	---	---
8	---	---	---	---	---	---	24.5	20.8	22.8	---	---	---
9	---	---	---	---	---	---	26.6	17.9	22.5	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	29.0	21.1	25.0
12	---	---	---	---	---	---	---	---	---	24.9	20.1	22.7
13	---	---	---	---	---	---	---	---	---	24.5	20.5	22.5
14	---	---	---	21.9	14.1	18.3	---	---	---	23.7	21.1	22.7
15	---	---	---	17.9	16.2	16.9	---	---	---	25.3	22.6	23.7
16	---	---	---	23.3	15.7	18.8	---	---	---	25.3	23.3	24.2
17	---	---	---	27.1	19.5	22.7	---	---	---	26.2	21.8	24.1
18	15.2	13.2	13.8	25.3	18.8	22.1	---	---	---	24.5	17.9	21.4
19	15.4	11.8	13.6	26.2	19.5	22.2	---	---	---	24.1	19.8	22.3
20	18.9	10.7	14.5	27.1	17.9	22.2	---	---	---	22.6	17.9	20.5
21	16.5	13.4	14.9	22.2	17.9	19.9	---	---	---	---	---	---
22	18.6	13.9	16.0	23.7	17.4	20.2	---	---	---	---	---	---
23	15.9	12.7	14.4	27.1	19.5	23.1	---	---	---	---	---	---
24	13.9	11.3	12.3	24.9	17.6	21.7	---	---	---	---	---	---
25	11.6	10.7	11.1	25.3	17.4	21.5	---	---	---	---	---	---
26	17.1	10.3	13.5	30.0	20.1	24.5	---	---	---	---	---	---
27	18.0	13.4	15.7	26.2	21.8	24.2	---	---	---	---	---	---
28	16.5	13.4	14.9	28.0	20.1	24.1	---	---	---	---	---	---
29	15.4	12.5	14.0	26.6	21.1	24.1	---	---	---	23.7	20.8	21.9
30	19.5	12.0	15.7	23.7	17.9	22.4	---	---	---	22.2	20.1	21.2
31	19.2	13.9	16.6	---	---	---	---	---	---	24.5	20.5	22.4
MONTH	19.5	10.3	14.4	30.0	14.1	21.5	30.0	17.6	23.5	29.0	17.9	22.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER	
1	25.8	22.6	24.2	16.8	12.9	15.0
2	25.3	20.1	21.6	17.7	14.4	16.0
3	21.5	19.8	20.8	18.0	15.2	16.6
4	20.8	19.5	20.3	17.9	14.7	16.3
5	20.5	16.5	18.8	16.5	13.2	15.1
6	21.2	15.7	18.8	15.7	11.6	12.5
7	21.5	15.9	18.9	14.7	12.0	13.2
8	22.6	17.1	19.9	15.7	12.5	14.3
9	23.3	17.9	20.7	14.4	8.5	11.0
10	23.0	15.7	19.5	10.5	7.0	9.1
11	21.9	14.6	18.5	---	---	---
12	21.5	17.4	19.5	---	---	---
13	23.0	19.5	21.0	---	---	---
14	21.5	16.2	19.3	---	---	---
15	19.5	15.4	18.0	---	---	---
16	21.5	17.6	19.6	---	---	---
17	19.2	15.9	17.7	---	---	---
18	21.2	14.1	18.0	---	---	---
19	20.1	15.7	18.1	---	---	---
20	19.8	17.9	18.8	---	---	---
21	21.9	18.9	20.3	---	---	---
22	20.8	16.8	19.3	---	---	---
23	18.3	14.1	16.3	---	---	---
24	18.9	16.8	18.0	---	---	---
25	18.9	14.9	17.1	---	---	---
26	16.8	14.6	15.9	---	---	---
27	17.6	14.9	16.1	---	---	---
28	15.7	13.2	14.7	---	---	---
29	14.9	11.8	13.5	---	---	---
30	15.4	13.2	14.5	---	---	---
31	---	---	---	---	---	---
MONTH	25.8	11.8	18.6	18.0	7.0	13.9

Table A18. Specific conductance and water temperature data collected May-November 2000 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data at 15-minute intervals. Shallow and deep data were collected at fixed depths located, respectively, about 0.2 m below the water surface and about 0.2 m above the stream bottom.]

SHALLOW

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	256	98	113	23700	1240	8570	---	---	---
2	---	---	---	428	113	146	28600	3290	16900	---	---	---
3	---	---	---	---	---	---	33300	19300	26400	---	---	---
4	---	---	---	---	---	---	31800	10200	26600	---	---	---
5	---	---	---	---	---	---	31900	11700	24800	---	---	---
6	---	---	---	---	---	---	25900	6420	15500	---	---	---
7	---	---	---	---	---	---	8330	2600	4420	---	---	---
8	---	---	---	---	---	---	3390	2090	2500	14700	12400	13700
9	---	---	---	---	---	---	5710	2070	3890	14600	11400	13200
10	---	---	---	---	---	---	---	---	---	14200	12200	13100
11	---	---	---	---	---	---	---	---	---	13500	11000	12300
12	---	---	---	---	---	---	2830	2080	2270	11400	10400	10900
13	---	---	---	---	---	---	3600	2190	2540	10800	9970	10400
14	---	---	---	472	301	361	4070	2760	3100	13700	9660	10600
15	---	---	---	606	344	449	4270	2720	3110	14200	9510	10800
16	---	---	---	658	341	481	3970	2650	2930	14300	9490	11800
17	---	---	---	640	310	467	3560	1210	2600	14800	11100	13100
18	110	30	52	390	278	313	2100	811	1110	12800	11900	12300
19	158	26	72	417	243	306	1280	702	857	13200	12200	12800
20	166	18	77	359	270	304	829	628	719	12700	11800	12300
21	135	16	61	522	305	391	811	606	705	---	---	---
22	106	24	44	572	337	453	734	553	668	---	---	---
23	127	34	59	339	250	295	800	526	626	---	---	---
24	129	26	61	338	243	290	835	664	726	---	---	---
25	182	27	96	523	272	376	807	626	674	---	---	---
26	164	29	89	487	235	324	---	---	---	---	---	---
27	141	24	76	316	230	253	---	---	---	---	---	---
28	160	24	78	543	269	326	---	---	---	---	---	---
29	158	27	78	4490	384	643	---	---	---	30100	19500	25700
30	226	19	58	20900	832	2510	---	---	---	35400	25700	30600
31	143	29	85	---	---	---	---	---	---	36700	25500	31200
MONTH	226	16	70	20900	98	463	33300	526	6620	36700	9490	15300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	35000	24900	30400	25000	23000	24100	831	323	492
2	28800	17800	22600	23200	19900	21400	323	203	247
3	22500	17800	19800	21000	17000	18900	203	176	186
4	21000	13500	17000	19400	17100	17900	195	174	182
5	16100	14700	15300	17400	15900	16500	221	190	198
6	17000	15700	16300	16200	11500	13500	225	208	216
7	18600	16300	17300	11500	7280	9310	208	200	204
8	19400	16700	18100	8690	5520	6890	203	186	194
9	19400	17800	18800	5520	3490	4240	315	188	221
10	19900	18400	19300	3980	2140	3270	278	139	170
11	20200	18700	19700	2210	1140	1680	193	136	156
12	19900	19400	19700	1480	988	1170	284	151	204
13	20800	19400	20200	1600	1120	1240	383	181	256
14	21100	19000	20400	4180	1160	2010	964	198	370
15	24100	20300	22500	3880	1820	2440	736	216	336
16	25800	21400	23700	4130	1690	2380	217	139	164
17	23200	20600	21200	4220	1870	2490	157	130	144
18	20800	19400	20000	5530	2010	3040	162	136	150
19	19500	17200	18200	2940	2100	2460	157	144	151
20	19800	15700	17300	2100	1110	1470	171	145	154
21	20400	16100	17700	1190	852	994	170	143	159
22	20000	17600	18400	1000	731	843	143	122	132
23	20600	17200	17900	829	749	786	122	116	118
24	20500	17300	18900	889	800	835	122	115	118
25	22800	16200	18800	2450	877	1230	132	119	126
26	26300	17500	21900	4000	1350	2200	253	126	141
27	32500	23100	28400	5710	1520	2960	296	62	112
28	33500	28700	32100	8820	1970	4590	---	---	---
29	31700	26400	28800	6150	2950	4180	---	---	---
30	28300	23300	25900	4810	1660	2790	---	---	---
31	---	---	---	2110	586	1040	---	---	---
MONTH	35000	13500	20900	25000	586	5770	964	62	196

Table A18. Specific conductance and water temperature data collected May-November 2000 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	242	95	125	26800	20200	23900	---	---	---
2	---	---	---	426	122	176	31700	23100	28500	---	---	---
3	---	---	---	---	---	---	35200	27700	32900	---	---	---
4	---	---	---	---	---	---	35500	29200	31100	---	---	---
5	---	---	---	---	---	---	31400	27000	29100	---	---	---
6	---	---	---	---	---	---	27400	24000	25500	---	---	---
7	---	---	---	---	---	---	24600	23900	24200	---	---	---
8	---	---	---	---	---	---	24300	23500	23900	24700	17100	20600
9	---	---	---	---	---	---	24200	22900	23600	21000	14700	15800
10	---	---	---	---	---	---	---	---	---	24600	14400	19200
11	---	---	---	---	---	---	---	---	---	21400	18400	19900
12	---	---	---	---	---	---	12200	5520	8130	21100	15100	19000
13	---	---	---	---	---	---	12800	6630	9240	20300	17600	18900
14	---	---	---	958	425	600	12600	4990	8370	19100	17400	18000
15	---	---	---	852	488	654	14500	5720	9010	19100	16600	17700
16	---	---	---	814	577	693	12900	2640	6560	20200	16800	19100
17	---	---	---	721	567	635	4150	2960	3610	19600	18400	18900
18	169	84	96	585	402	503	6850	3630	5110	20400	18200	19300
19	91	70	75	614	392	520	4140	1810	2790	19600	17400	18400
20	98	69	73	567	388	469	3040	1170	1990	17700	15000	16900
21	149	73	83	510	358	431	6880	909	2880	---	---	---
22	170	81	105	639	424	515	1680	834	1090	---	---	---
23	185	86	104	456	337	387	4320	726	1920	---	---	---
24	93	69	86	530	266	382	3100	927	1670	---	---	---
25	69	55	61	608	324	445	2020	853	1300	---	---	---
26	59	55	56	709	415	534	---	---	---	---	---	---
27	62	59	60	544	289	396	---	---	---	---	---	---
28	69	62	66	493	298	383	---	---	---	---	---	---
29	77	68	72	4550	384	687	---	---	---	29400	25600	27900
30	150	76	93	20200	3260	5510	---	---	---	34400	27000	33000
31	167	91	118	---	---	---	---	---	---	36400	30400	35100
MONTH	185	55	82	20200	95	739	35500	726	13300	36400	14400	21100

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	34500	31100	33200	25300	23400	24300	820	321	489
2	32500	26500	30600	23800	21600	22600	321	205	246
3	27900	24400	26200	21900	19700	20900	207	173	185
4	25500	20200	23100	20400	19100	19800	192	172	180
5	22900	19600	21200	19500	17000	17900	218	187	195
6	22300	19300	20900	17300	12200	14700	222	204	213
7	23800	21400	22700	13000	12100	12400	291	196	213
8	24700	22500	23600	13200	11100	12000	200	183	191
9	23300	21000	22400	11100	5010	8230	311	185	220
10	21400	18900	19600	10700	4840	6730	285	137	174
11	19600	19000	19300	9360	2780	6120	192	133	153
12	20000	19200	19400	3980	2280	2920	275	148	201
13	20600	19700	20300	4850	1620	2890	394	178	256
14	20500	19800	20100	4270	1830	2970	1020	198	422
15	24100	19800	22400	4000	2110	2890	861	226	368
16	25400	22700	23900	4620	1830	2860	264	142	171
17	23500	20300	21600	4330	2750	3470	171	132	146
18	20600	19100	19800	5840	2480	3890	193	136	152
19	19600	18300	18800	5530	2130	3520	164	142	150
20	19200	17100	17900	2240	1530	1820	238	151	201
21	20000	17200	18400	2150	1340	1600	393	159	278
22	19800	17300	18200	1380	918	1130	643	382	495
23	20300	17000	17600	1240	813	918	624	306	409
24	20400	17500	19000	1730	943	1240	518	314	487
25	22500	17800	19300	2730	1060	1530	485	315	360
26	25900	21500	22900	4020	1730	2700	459	331	361
27	32200	25900	29400	5510	1640	3340	493	60	192
28	33200	28600	32500	8650	2740	5300	---	---	---
29	32600	27800	30100	8360	4380	5580	---	---	---
30	28700	24900	27200	5340	2100	3720	---	---	---
31	---	---	---	2100	579	1080	---	---	---
MONTH	34500	17000	22700	25300	579	7130	1020	60	263

Table A18. Specific conductance and water temperature data collected May-November 2000 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME - Continued.

SHALLOW

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	21.9	16.0	18.8	27.6	18.9	22.7	---	---	---
2	---	---	---	20.9	18.3	19.7	29.5	21.2	24.3	---	---	---
3	---	---	---	---	---	---	25.4	23.0	23.9	---	---	---
4	---	---	---	---	---	---	27.1	22.6	24.3	---	---	---
5	---	---	---	---	---	---	26.2	21.2	24.3	---	---	---
6	---	---	---	---	---	---	26.2	20.5	23.6	---	---	---
7	---	---	---	---	---	---	26.3	19.9	22.8	---	---	---
8	---	---	---	---	---	---	22.6	19.2	20.8	29.5	21.6	25.2
9	---	---	---	---	---	---	25.4	16.3	20.8	27.1	22.3	24.7
10	---	---	---	---	---	---	---	---	---	28.5	21.6	24.7
11	---	---	---	---	---	---	---	---	---	29.0	20.8	24.5
12	---	---	---	---	---	---	27.6	19.2	23.4	23.0	19.5	21.5
13	---	---	---	---	---	---	28.5	20.2	24.2	24.6	20.2	21.8
14	---	---	---	21.2	15.2	18.3	28.5	21.6	24.9	22.6	19.2	21.3
15	---	---	---	18.0	16.6	17.3	29.5	21.2	24.9	25.0	20.2	22.5
16	---	---	---	23.8	16.0	19.2	23.4	18.3	21.2	25.0	20.9	22.6
17	---	---	---	26.7	19.2	22.8	22.7	17.1	19.4	25.4	20.5	22.9
18	---	---	---	26.2	21.2	22.9	21.6	19.2	20.0	25.0	17.7	21.2
19	---	---	---	26.7	20.9	23.0	23.8	18.6	21.0	26.2	19.2	22.1
20	---	---	---	28.5	19.9	23.5	26.2	18.9	21.8	23.4	18.3	20.2
21	---	---	---	21.9	19.2	20.6	25.4	18.6	22.0	---	---	---
22	---	---	---	25.8	18.0	21.3	21.9	19.9	20.7	---	---	---
23	---	---	---	27.6	20.5	23.6	26.2	18.9	21.9	---	---	---
24	---	---	---	26.2	19.9	22.8	27.6	19.5	23.4	---	---	---
25	---	---	---	24.6	19.2	22.1	29.5	20.5	24.8	---	---	---
26	---	---	---	30.0	20.5	25.0	---	---	---	---	---	---
27	---	---	---	28.5	22.3	24.5	---	---	---	---	---	---
28	---	---	---	27.6	21.6	24.6	---	---	---	---	---	---
29	---	---	---	26.7	22.3	24.3	---	---	---	26.2	18.3	23.0
30	---	---	---	23.0	20.5	21.7	---	---	---	23.4	21.6	22.6
31	---	---	---	---	---	---	---	---	---	27.1	21.2	24.0
MONTH	---	---	---	30.0	15.2	21.9	29.5	16.3	22.7	29.5	17.7	22.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	29.0	23.4	25.9	18.0	12.1	15.0	6.7	6.0	6.4
2	25.8	18.0	21.1	20.2	14.2	17.2	8.0	6.4	7.3
3	21.2	17.4	19.0	20.9	14.0	17.1	9.0	6.6	7.7
4	20.2	15.5	18.4	18.0	14.2	16.3	7.1	6.0	6.5
5	21.6	12.8	16.8	17.7	11.4	14.6	6.7	6.0	6.4
6	22.6	12.5	17.1	13.7	11.0	11.8	7.1	6.2	6.7
7	20.9	12.5	16.6	14.7	10.6	12.5	8.6	6.7	7.6
8	24.6	14.2	18.8	14.5	8.4	11.3	9.6	7.8	8.5
9	26.7	15.5	20.9	9.7	6.7	7.8	10.8	8.2	9.0
10	28.1	15.5	21.0	8.0	5.9	7.0	8.4	7.4	7.7
11	26.2	15.0	20.0	8.0	5.2	6.2	9.3	7.6	8.4
12	23.0	18.0	20.1	9.8	4.4	7.1	9.8	8.4	8.9
13	26.2	18.9	21.3	13.3	6.7	9.8	9.0	8.0	8.5
14	23.8	17.1	20.1	15.5	8.9	11.8	8.8	8.2	8.6
15	19.2	17.4	18.5	15.8	11.0	13.6	9.0	6.7	8.4
16	21.9	17.1	19.2	11.2	7.3	9.6	6.8	5.4	6.1
17	18.3	14.5	16.4	12.6	6.9	9.0	6.9	5.2	6.1
18	21.9	15.0	18.1	11.0	7.1	9.0	6.0	3.3	4.5
19	19.2	15.2	17.5	11.4	9.7	10.7	4.0	2.3	2.9
20	19.9	17.4	18.3	11.7	7.4	9.6	2.3	1.7	2.1
21	21.9	18.3	19.9	13.7	9.0	11.1	2.6	1.7	2.1
22	20.9	14.5	17.7	13.0	8.4	10.3	2.0	1.2	1.5
23	18.3	15.2	16.8	10.2	5.9	7.9	1.9	0.8	1.2
24	18.0	16.3	17.2	10.2	5.4	7.6	1.6	0.6	1.0
25	19.2	11.4	16.1	11.9	6.7	9.1	1.5	0.5	0.9
26	17.4	12.8	15.8	13.3	8.0	10.6	1.1	0.4	0.7
27	18.9	12.8	16.0	12.8	9.9	11.5	2.9	1.1	1.9
28	16.6	13.5	15.2	12.1	7.6	10.7	---	---	---
29	16.3	11.2	13.8	8.4	3.9	5.9	---	---	---
30	16.3	11.4	13.9	6.7	3.2	5.1	---	---	---
31	---	---	---	6.4	5.7	6.1	---	---	---
MONTH	29.0	11.2	18.2	20.9	3.2	10.4	10.8	0.4	5.5

Table A18. Specific conductance and water temperature data collected May-November 2000 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	20.9	15.8	17.6	22.7	20.5	21.4	---	---	---
2	---	---	---	20.2	18.0	19.4	24.6	21.6	22.9	---	---	---
3	---	---	---	---	---	---	24.2	23.0	23.6	---	---	---
4	---	---	---	---	---	---	25.0	22.6	23.7	---	---	---
5	---	---	---	---	---	---	26.7	22.6	24.9	---	---	---
6	---	---	---	---	---	---	26.2	22.6	24.9	---	---	---
7	---	---	---	---	---	---	25.8	24.1	25.0	---	---	---
8	---	---	---	---	---	---	25.0	23.8	24.2	29.5	23.0	25.9
9	---	---	---	---	---	---	26.2	23.4	24.8	26.2	22.6	24.4
10	---	---	---	---	---	---	---	---	---	28.5	22.6	25.5
11	---	---	---	---	---	---	---	---	---	26.7	21.6	24.7
12	---	---	---	---	---	---	25.4	20.5	23.0	25.4	21.6	23.3
13	---	---	---	---	---	---	26.3	21.2	23.9	24.2	21.6	23.2
14	---	---	---	19.9	15.2	17.6	27.1	21.9	24.6	24.1	23.0	23.6
15	---	---	---	18.3	16.9	17.5	27.6	21.6	24.9	23.8	23.0	23.6
16	---	---	---	20.5	16.0	17.7	26.2	18.3	21.8	25.4	23.4	24.5
17	---	---	---	24.2	19.2	21.4	20.2	17.1	18.8	25.8	23.8	24.7
18	15.5	13.2	14.0	23.8	21.2	22.0	21.2	19.2	20.3	26.2	22.6	24.5
19	14.5	12.3	13.3	22.6	20.9	21.7	22.6	18.3	20.3	25.8	22.3	23.8
20	16.6	11.4	13.9	23.8	20.2	21.8	21.9	18.3	20.4	22.3	18.9	20.8
21	16.3	13.2	14.7	22.6	19.6	20.7	23.8	18.3	20.8	---	---	---
22	17.4	14.2	15.6	21.6	18.3	19.7	22.3	20.2	20.9	---	---	---
23	15.8	13.7	14.6	24.2	20.5	22.3	25.0	19.2	21.2	---	---	---
24	14.0	11.4	12.5	24.2	20.2	22.0	23.8	19.2	21.5	---	---	---
25	11.4	10.6	11.1	24.2	20.2	21.9	25.0	20.5	22.8	---	---	---
26	16.0	10.8	13.3	24.6	20.9	22.5	---	---	---	---	---	---
27	16.9	13.7	15.3	25.0	23.0	23.9	---	---	---	---	---	---
28	16.0	14.2	14.8	25.4	21.6	23.6	---	---	---	---	---	---
29	15.2	13.0	14.0	25.0	22.6	23.7	---	---	---	25.0	21.9	23.8
30	17.4	12.1	14.9	23.8	20.5	22.2	---	---	---	24.1	22.2	22.8
31	18.6	14.0	16.2	---	---	---	---	---	---	24.2	21.9	22.8
MONTH	18.6	10.6	14.2	25.4	15.2	21.0	27.6	17.1	22.6	29.5	18.9	23.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	26.2	23.4	24.8	17.4	13.2	15.2	6.7	6.0	6.5
2	26.2	21.6	24.7	17.7	15.8	16.8	8.2	6.6	7.3
3	21.9	20.9	21.3	19.2	15.8	17.5	9.0	6.7	7.7
4	21.2	19.9	20.5	18.6	16.3	17.2	7.3	6.2	6.6
5	20.5	15.5	18.2	16.9	12.5	14.5	6.7	6.2	6.5
6	19.9	14.4	17.0	14.5	11.0	12.5	7.3	6.2	6.7
7	20.9	15.2	17.8	13.7	11.6	12.6	8.6	6.7	7.6
8	21.9	16.6	19.1	14.0	12.8	13.4	9.6	7.8	8.5
9	23.8	17.7	20.6	12.8	8.2	10.3	10.8	8.4	9.1
10	22.3	16.6	19.6	8.9	7.4	8.2	8.4	7.6	7.8
11	21.2	16.3	19.0	8.4	6.2	7.3	9.3	7.6	8.4
12	20.9	18.0	19.4	8.6	5.7	6.9	10.0	8.6	9.0
13	22.7	19.9	21.0	10.6	8.2	9.4	9.0	8.2	8.6
14	21.2	17.1	19.5	15.0	8.9	11.4	9.0	8.4	8.6
15	19.8	18.3	19.1	15.5	11.2	13.5	9.0	6.9	8.5
16	21.9	18.0	19.7	11.6	8.2	9.8	6.9	5.2	6.1
17	18.9	15.2	16.8	12.6	7.6	9.8	6.9	5.4	6.1
18	19.6	15.0	16.8	11.4	7.6	9.6	6.2	3.3	4.6
19	18.6	15.8	17.2	11.4	9.9	10.8	4.1	2.3	3.1
20	19.9	17.4	18.1	11.0	7.3	8.9	2.4	1.9	2.2
21	20.9	18.6	19.6	12.1	9.3	10.3	2.8	1.7	2.2
22	20.2	15.0	17.8	12.1	8.9	10.2	2.2	1.2	1.6
23	17.7	15.0	16.4	9.5	6.4	7.5	2.0	0.9	1.3
24	18.3	16.8	17.3	8.0	6.0	7.0	1.8	0.6	1.1
25	18.9	14.2	16.9	10.8	7.3	9.0	1.6	0.6	1.0
26	17.1	15.5	16.5	12.8	8.9	10.9	1.1	0.6	0.8
27	18.3	15.7	16.8	12.6	9.3	11.5	2.9	1.1	1.9
28	16.6	15.2	15.9	12.3	10.1	11.6	---	---	---
29	15.8	13.2	14.4	10.3	5.2	7.0	---	---	---
30	16.6	13.7	15.2	6.7	4.1	5.6	---	---	---
31	---	---	---	6.4	5.7	6.1	---	---	---
MONTH	26.2	13.2	18.6	19.2	4.1	10.7	10.8	0.6	5.5

Table A19. Specific conductance and water temperature data collected May-November 2000 at station 105 (USGS identifier 442516068175501) Northeast Creek near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data at 15-minute intervals. Shallow and deep data were collected at fixed depths located, respectively, about 0.2 m below the water surface and about 0.2 m above the stream bottom.]

SHALLOW

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	70	56	59	3320	147	418	21700	5640	16100
2	---	---	---	81	58	66	14800	3280	12300	27100	12000	24400
3	---	---	---	104	66	77	24500	4610	22200	27800	12000	23000
4	---	---	---	1010	64	168	29300	23500	27600	22800	10100	14600
5	---	---	---	6820	84	4370	28100	11600	20300	15900	9080	12100
6	---	---	---	6810	850	5980	23200	2910	12400	11600	5770	8530
7	---	---	---	6810	494	3210	3030	1020	1850	11700	1710	6080
8	---	---	---	494	137	226	1350	935	1110	3660	1670	2700
9	---	---	---	280	95	156	1130	333	600	3680	1400	2270
10	---	---	---	128	76	94	---	---	---	6160	2040	3790
11	---	---	---	157	100	137	---	---	---	5750	2720	4440
12	---	---	---	147	105	125	---	---	---	5680	2600	4880
13	---	---	---	140	77	100	---	---	---	5420	3250	4130
14	---	---	---	157	82	115	---	---	---	6140	3120	4430
15	---	---	---	184	97	144	---	---	---	6130	3010	4410
16	---	---	---	152	94	121	---	---	---	10500	3340	7910
17	---	---	---	123	71	89	---	---	---	9470	4690	7610
18	67	63	65	96	73	81	---	---	---	9740	5260	6940
19	69	60	64	112	67	78	---	---	---	10300	3470	6740
20	61	59	60	117	79	100	---	---	---	9050	3830	6580
21	63	61	61	138	95	122	---	---	---	---	---	---
22	70	62	64	120	73	98	---	---	---	---	---	---
23	69	63	66	112	67	83	---	---	---	---	---	---
24	64	55	61	112	74	93	---	---	---	---	---	---
25	59	46	50	123	90	109	---	---	---	---	---	---
26	50	44	46	119	76	95	---	---	---	---	---	---
27	50	46	48	105	71	83	573	329	397	---	---	---
28	51	48	49	115	71	94	1340	297	582	---	---	---
29	52	50	51	422	72	122	3750	1010	1370	---	---	---
30	57	51	54	1030	65	217	6170	2340	4130	19700	13300	17200
31	63	53	58	---	---	---	15200	3740	9120	20500	12200	18200
MONTH	70	44	57	6820	56	554	29300	147	8170	27800	1400	9410

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	19100	13900	16700	12700	10100	11100	150	41	76
2	18800	13700	16700	11700	10200	10600	41	36	38
3	18700	15900	17500	11400	10500	10800	52	37	43
4	17600	12000	14300	11500	10900	11200	106	52	99
5	13000	11200	12100	11600	11000	11400	134	105	120
6	13000	11700	12500	11500	7280	9970	125	114	121
7	13400	12100	12900	7280	2130	3420	129	109	118
8	13700	12300	13000	2610	1790	2190	228	108	130
9	14500	11700	13100	3920	1950	2510	142	87	112
10	14500	11300	12600	2520	780	1340	96	82	89
11	14600	5740	10600	836	613	713	107	87	97
12	16000	13800	14900	815	661	730	132	98	115
13	15800	3440	7500	813	704	748	207	104	128
14	15500	5480	13800	984	792	881	299	109	150
15	17600	12300	14700	1190	827	957	151	104	128
16	16600	12900	14900	1400	1120	1240	104	84	91
17	16600	11400	13500	1480	1310	1420	157	84	99
18	12000	9830	10600	1770	1020	1400	195	85	103
19	11900	9600	10300	1610	566	1260	270	94	117
20	11200	9570	10100	566	332	409	109	98	101
21	12500	9850	11100	405	347	384	109	93	103
22	14200	11200	12000	771	377	585	93	85	87
23	13000	10600	11300	735	415	568	96	85	88
24	12600	9520	11100	515	269	433	248	87	123
25	---	---	---	511	271	385	208	95	122
26	17400	11000	13300	621	306	448	216	100	137
27	20100	13100	17100	680	416	508	104	58	65
28	21300	14300	17400	948	544	695	---	---	---
29	21500	13700	16200	959	771	834	---	---	---
30	15700	12000	13700	959	524	797	---	---	---
31	---	---	---	524	150	320	---	---	---
MONTH	21500	3440	13300	12700	150	2910	299	36	104

Table A19. Specific conductance and water temperature data collected May-November 2000 at station 105 (USGS identifier 442516068175501) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	---	---	---	24900	18800	23100
2	---	---	---	---	---	---	---	---	---	28000	24200	26800
3	---	---	---	---	---	---	---	---	---	29800	27500	28700
4	---	---	---	---	---	---	---	---	---	29300	28200	28800
5	---	---	---	---	---	---	---	---	---	29400	27900	28500
6	---	---	---	---	---	---	---	---	---	28700	27600	28100
7	---	---	---	---	---	---	29100	16300	21500	28200	27400	27900
8	---	---	---	---	---	---	26100	22000	23700	27900	25400	26600
9	---	---	---	---	---	---	23300	9900	19100	26500	22700	25300
10	---	---	---	---	---	---	---	---	---	25800	16100	21800
11	---	---	---	---	---	---	---	---	---	24000	18900	22000
12	---	---	---	---	---	---	---	---	---	25600	23300	24400
13	---	---	---	---	---	---	---	---	---	23300	19900	21200
14	---	---	---	---	---	---	---	---	---	25000	20100	23200
15	---	---	---	---	---	---	---	---	---	25200	20100	24400
16	---	---	---	---	---	---	---	---	---	23800	19200	21100
17	---	---	---	---	---	---	---	---	---	22500	15200	18800
18	---	---	---	---	---	---	---	---	---	21700	17000	19200
19	---	---	---	---	---	---	---	---	---	22300	16200	18900
20	---	---	---	---	---	---	---	---	---	21500	13000	17200
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	890	188	456	---	---	---
28	---	---	---	---	---	---	4000	459	2360	---	---	---
29	---	---	---	---	---	---	6580	3780	5210	---	---	---
30	---	---	---	---	---	---	9350	6580	7960	23600	18700	22000
31	---	---	---	---	---	---	19900	7600	17400	26500	22700	25100
MONTH	---	---	---	---	---	---	29100	188	12200	29800	13000	23800

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN
	SEPTEMBER			OCTOBER		
1	28700	25800	27100	27400	24500	25600
2	29600	25900	28500	25700	23400	24600
3	29900	27800	28900	25700	23500	24800
4	29400	27500	28700	23700	21300	22200
5	29500	24900	27300	21500	20800	21100
6	29900	25400	27500	22900	12000	19800
7	29400	26100	28000	15200	6780	8980
8	28700	24800	26600	8280	4760	6300
9	26600	23000	25000	4760	2620	4080
10	25800	23800	24500	3120	754	1460
11	25600	23300	24300	951	590	758
12	25500	23800	24600	1050	781	899
13	24700	19900	22300	1530	800	995
14	22400	19400	21200	1760	971	1200
15	24100	20000	21700	1900	800	1140
16	22200	20000	21500	2210	1140	1420
17	21600	20400	21000	2010	1420	1560
18	21100	20300	20800	2460	1100	1570
19	20900	20000	20400	1730	828	1360
20	21400	20000	20600	828	278	518
21	21200	19700	20600	662	246	388
22	20500	17200	19100	838	335	590
23	18800	17100	17700	837	453	710
24	19200	16000	17700	776	338	589
25	---	---	---	750	250	460
26	19900	15600	16700	672	306	440
27	20800	17900	19300	697	276	437
28	23300	19100	20900	975	416	610
29	25100	22900	24500	883	667	749
30	27900	24700	26500	914	396	783
31	---	---	---	396		150
MONTH	29900	15600	23200	27400	246	5690

Table A19. Specific conductance and water temperature data collected May-November 2000 at station 105 (USGS identifier 442516068175501) Northeast Creek near Bar Harbor, ME - Continued.

SHALLOW

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	22.6	15.2	18.3	23.3	17.7	20.1	27.1	21.5	24.2
2	---	---	---	20.5	16.8	18.3	24.5	21.5	22.8	26.2	23.7	24.5
3	---	---	---	20.2	16.0	17.9	24.1	23.0	23.4	25.8	23.0	24.4
4	---	---	---	18.9	15.7	17.5	25.3	23.7	24.2	28.5	23.0	25.7
5	---	---	---	20.2	15.7	18.1	25.8	23.7	24.5	29.5	22.6	25.8
6	---	---	---	19.5	16.0	17.9	25.3	20.8	23.2	29.5	21.9	25.3
7	---	---	---	16.5	13.4	14.7	24.5	19.2	21.3	24.1	19.8	21.7
8	---	---	---	17.7	12.5	14.9	21.5	17.1	19.2	30.5	20.2	24.4
9	---	---	---	19.8	14.4	17.2	24.9	13.4	19.2	27.1	17.1	22.3
10	---	---	---	18.6	16.5	17.2	---	---	---	28.5	18.6	23.6
11	---	---	---	16.5	14.4	15.2	---	---	---	28.0	17.7	23.0
12	---	---	---	18.9	13.7	16.2	---	---	---	23.7	16.0	20.6
13	---	---	---	18.3	13.9	16.1	---	---	---	24.5	18.6	21.1
14	---	---	---	20.2	14.4	17.3	---	---	---	23.3	18.9	21.3
15	---	---	---	16.8	15.4	16.2	---	---	---	24.9	20.2	22.2
16	---	---	---	23.0	15.4	18.2	---	---	---	24.5	20.8	22.3
17	---	---	---	26.6	18.6	21.7	---	---	---	25.8	19.2	22.5
18	14.4	13.0	13.6	24.5	18.9	21.3	---	---	---	26.2	17.1	21.5
19	13.4	11.6	12.8	26.2	18.6	21.4	---	---	---	25.8	18.9	22.5
20	16.0	10.9	13.4	24.5	18.3	21.2	---	---	---	23.7	17.7	20.1
21	16.0	13.4	14.4	21.5	18.3	19.5	---	---	---	---	---	---
22	17.4	13.7	15.2	24.9	17.4	20.6	---	---	---	---	---	---
23	15.2	13.2	14.2	24.9	19.5	22.3	---	---	---	---	---	---
24	13.2	10.5	12.0	25.3	18.9	21.6	---	---	---	---	---	---
25	11.4	10.1	10.8	24.1	18.3	21.4	---	---	---	---	---	---
26	16.0	10.5	12.9	27.5	19.8	23.0	---	---	---	---	---	---
27	16.0	13.7	14.9	25.8	20.8	22.9	22.2	19.2	20.0	---	---	---
28	15.2	13.9	14.4	29.5	20.5	24.1	24.1	18.3	21.1	---	---	---
29	14.7	13.2	13.8	25.8	21.5	23.6	27.5	20.5	23.9	---	---	---
30	17.7	12.0	14.7	23.3	19.2	20.8	24.5	21.9	23.4	25.3	21.5	23.3
31	19.2	13.9	16.2	---	---	---	25.8	21.2	23.8	27.5	21.2	24.4
MONTH	19.2	10.1	13.8	29.5	12.5	19.2	27.5	13.4	22.1	30.5	16.0	23.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	29.5	23.0	25.8	18.9	11.4	14.6	6.7	6.0	6.3
2	25.3	19.8	22.6	19.8	14.4	16.6	7.6	6.4	7.0
3	21.5	19.2	20.2	21.2	13.9	17.3	8.0	6.5	7.2
4	21.2	16.5	19.3	17.7	13.7	15.8	6.9	5.8	6.4
5	20.8	13.0	16.8	17.7	11.8	14.5	6.7	6.0	6.3
6	22.2	12.5	17.1	13.2	11.4	12.4	6.9	6.4	6.7
7	21.9	13.7	17.6	13.7	10.9	12.3	8.0	6.7	7.4
8	24.1	15.2	19.7	13.9	8.9	11.5	8.9	7.8	8.2
9	25.8	15.2	20.4	10.9	7.6	8.8	9.7	8.0	8.5
10	25.3	11.4	18.1	8.2	6.7	7.2	8.2	7.6	7.9
11	23.3	9.1	17.7	7.6	5.8	6.6	8.9	7.6	8.3
12	24.1	17.7	20.3	11.0	5.0	7.8	9.3	8.2	8.6
13	24.9	18.6	21.2	13.0	6.9	9.8	8.7	7.8	8.3
14	24.1	16.0	19.7	14.2	8.9	11.6	8.7	8.2	8.4
15	19.5	16.3	17.8	14.9	11.4	13.1	8.9	7.2	8.4
16	21.9	16.5	19.1	11.4	8.5	9.7	7.2	5.5	6.1
17	19.2	15.2	17.5	12.1	8.2	9.5	6.9	5.3	6.0
18	23.0	14.2	18.0	9.7	7.8	9.0	6.0	3.1	4.7
19	20.5	15.2	18.1	10.5	9.3	10.1	3.8	2.0	2.9
20	20.5	17.7	19.1	11.6	7.8	9.5	2.4	1.7	2.0
21	23.3	18.9	20.7	13.5	8.3	10.7	2.6	1.7	2.0
22	22.2	16.5	18.9	11.4	8.3	9.8	1.9	1.0	1.5
23	17.7	15.2	16.5	9.9	6.2	8.1	2.0	0.9	1.4
24	18.0	16.0	17.0	11.0	6.0	8.1	1.4	0.5	0.9
25	---	---	---	12.1	6.5	8.8	1.2	0.2	0.7
26	18.0	14.2	16.4	12.3	7.2	9.5	1.4	0.5	0.9
27	20.2	15.4	18.1	11.4	8.7	10.1	3.5	0.9	2.2
28	18.9	12.0	16.1	10.5	7.4	9.6	---	---	---
29	16.0	10.3	13.4	7.4	4.1	5.4	---	---	---
30	15.7	9.1	12.9	6.0	2.9	4.7	---	---	---
31	---	---	---	6.4	6.0	6.2	---	---	---
MONTH	29.5	9.1	18.5	21.2	2.9	10.3	9.7	0.2	5.4

Table A19. Specific conductance and water temperature data collected May-November 2000 at station 105 (USGS identifier 442516068175501) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	---	---	---	26.2	24.1	25.2
2	---	---	---	---	---	---	---	---	---	26.2	24.1	24.4
3	---	---	---	---	---	---	---	---	---	24.9	23.7	24.3
4	---	---	---	---	---	---	---	---	---	27.1	24.5	25.7
5	---	---	---	---	---	---	---	---	---	29.0	26.2	27.3
6	---	---	---	---	---	---	---	---	---	29.5	26.6	28.0
7	---	---	---	---	---	---	24.1	21.5	22.9	28.0	25.8	27.1
8	---	---	---	---	---	---	23.7	21.5	22.4	28.5	24.9	26.8
9	---	---	---	---	---	---	23.0	19.8	21.3	29.0	26.6	27.8
10	---	---	---	---	---	---	---	---	---	30.0	27.1	27.6
11	---	---	---	---	---	---	---	---	---	30.5	25.8	28.1
12	---	---	---	---	---	---	---	---	---	28.5	24.9	27.3
13	---	---	---	---	---	---	---	---	---	28.5	26.6	27.7
14	---	---	---	---	---	---	---	---	---	28.0	25.8	27.4
15	---	---	---	---	---	---	---	---	---	28.0	25.8	26.9
16	---	---	---	---	---	---	---	---	---	28.0	26.2	27.4
17	---	---	---	---	---	---	---	---	---	28.0	25.3	27.0
18	---	---	---	---	---	---	---	---	---	28.5	23.7	26.3
19	---	---	---	---	---	---	---	---	---	29.0	27.1	27.9
20	---	---	---	---	---	---	---	---	---	27.5	24.5	26.5
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	21.9	19.8	20.3	---	---	---
28	---	---	---	---	---	---	23.7	18.3	20.4	---	---	---
29	---	---	---	---	---	---	25.8	21.9	23.8	---	---	---
30	---	---	---	---	---	---	25.8	24.9	25.3	27.5	24.5	25.1
31	---	---	---	---	---	---	25.8	24.1	25.0	27.5	24.1	25.8
MONTH	---	---	---	---	---	---	25.8	18.3	22.7	30.5	23.7	26.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	29.0	26.2	27.5	21.5	16.8	18.6	6.7	6.0	6.4
2	28.5	26.2	27.1	21.9	17.7	19.1	7.6	6.5	7.1
3	26.2	24.9	25.4	21.9	18.0	19.6	8.0	6.7	7.3
4	25.8	24.1	24.8	21.2	18.6	19.5	6.9	6.0	6.4
5	25.8	22.9	24.3	18.9	17.4	18.2	6.9	6.0	6.5
6	28.0	22.9	24.9	17.7	14.2	16.2	6.9	6.4	6.7
7	27.5	21.5	24.3	14.7	12.7	13.5	8.2	6.9	7.4
8	29.0	22.6	25.6	14.4	12.5	13.5	9.1	7.8	8.3
9	28.5	25.7	27.0	13.4	8.9	11.0	9.7	8.2	8.6
10	30.0	25.3	27.7	8.9	6.7	7.4	8.2	7.6	8.0
11	30.0	25.8	28.3	7.6	5.8	6.7	9.1	7.8	8.3
12	30.0	27.5	28.8	9.7	5.2	7.2	9.5	8.3	8.7
13	28.0	23.0	25.1	11.2	7.2	9.1	8.7	8.0	8.4
14	27.1	21.2	24.6	12.7	9.5	11.0	8.7	8.3	8.5
15	26.6	20.8	23.0	13.9	12.3	12.9	8.9	7.2	8.5
16	24.9	22.6	23.6	12.5	9.1	10.2	7.2	5.5	6.2
17	25.3	23.7	24.6	11.0	8.3	9.5	6.9	5.3	6.0
18	26.2	23.7	25.0	9.9	8.2	9.0	6.0	3.3	4.8
19	26.2	24.9	25.6	10.7	9.5	10.2	3.8	2.1	3.0
20	26.2	24.5	25.4	10.5	8.0	9.2	2.6	1.7	2.1
21	26.2	24.5	25.5	12.3	8.5	10.1	2.6	1.8	2.1
22	26.2	23.3	24.8	11.4	8.7	9.9	2.0	1.2	1.6
23	24.1	19.5	21.5	9.3	6.7	8.0	2.1	1.0	1.5
24	21.2	19.2	20.6	9.3	6.4	7.7	1.4	0.6	1.0
25	---	---	---	9.7	6.9	8.3	1.2	0.5	0.8
26	19.8	17.4	18.9	10.8	7.4	9.2	1.4	0.5	1.0
27	20.5	18.6	19.4	11.0	8.7	10.1	3.5	1.0	2.3
28	19.5	17.1	18.9	10.5	7.4	9.7	---	---	---
29	19.8	17.4	18.7	7.4	4.2	5.6	---	---	---
30	20.8	16.2	18.6	6.0	3.8	4.9	---	---	---
31	---	---	---	6.5	6.0	6.2	---	---	---
MONTH	30.0	16.2	24.1	21.9	3.8	11.0	9.7	0.5	5.5

Table A20. Specific conductance and water temperature data collected May-November 2001 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data at 15-minute intervals. Shallow and deep data were collected at fixed depths located, respectively, about 0.2 m below the water surface and about 0.2 m above the stream bottom.]

SHALLOW

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	---	---	---	45700	33600	37200
2	---	---	---	---	---	---	---	---	---	46600	36900	39700
3	---	---	---	---	---	---	---	---	---	46000	39100	42200
4	---	---	---	---	---	---	---	---	---	46600	39200	42300
5	---	---	---	---	---	---	---	---	---	46300	42100	43800
6	---	---	---	47600	1190	7980	---	---	---	46100	39900	42400
7	---	---	---	49900	1260	5660	---	---	---	45700	40800	42700
8	---	---	---	48300	1260	6570	---	---	---	44700	40000	41900
9	---	---	---	53900	1540	8420	---	---	---	44400	37600	40400
10	---	---	---	46700	2020	6570	---	---	---	39700	36400	38900
11	---	---	---	2460	1710	2010	---	---	---	41300	36800	38200
12	---	---	---	2370	1970	2150	---	---	---	38200	36400	37300
13	---	---	---	2130	1520	1790	---	---	---	37300	35400	36500
14	---	---	---	1790	1580	1690	12200	11000	11500	43400	35600	37300
15	---	---	---	2030	1700	1850	12400	11300	11900	47500	36900	39900
16	---	---	---	2450	1970	2160	33900	10500	13700	47600	38700	42200
17	---	---	---	3080	2300	2580	42900	10800	16300	47600	44900	46600
18	---	---	---	8700	1010	2490	45400	23200	30200	47200	45600	46400
19	---	---	---	50400	1380	5340	46700	34800	41100	47700	46200	46900
20	---	---	---	---	---	---	46700	37100	42400	47200	46100	46600
21	---	---	---	---	---	---	46900	42500	45200	47000	45500	46400
22	7000	1440	2020	---	---	---	47100	44600	46100	47200	45400	46400
23	7000	3240	5520	---	---	---	47000	45100	46300	47400	45100	46100
24	---	---	---	---	---	---	47000	44600	46200	47000	43700	45400
25	---	---	---	---	---	---	46500	43700	45200	46500	42800	44000
26	---	---	---	---	---	---	46100	41100	43700	45700	41900	42800
27	---	---	---	---	---	---	44300	38000	40400	45500	40900	42200
28	---	---	---	---	---	---	41900	33200	35800	45100	40200	42100
29	---	---	---	---	---	---	40700	30900	33700	45100	40200	42800
30	---	---	---	---	---	---	43100	30900	33600	45100	40200	41500
31	---	---	---	---	---	---	44500	31400	34400	45700	34200	41600
MONTH				53900	1010	4090	47100	10500	34300	47700	33600	42300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	44900	40900	43200	44700	33100	35900	38900	28000	33700
2	43600	38900	41400	44000	36700	40300	42400	31400	35600
3	45000	38100	40200	43300	37700	40300	43600	36100	39300
4	44200	40200	41400	44100	39500	41500	44000	37200	40400
5	45000	42100	43700	43600	39500	41200	45300	35600	41600
6	43400	41600	42700	44700	40600	42400	44000	39800	42100
7	42500	40600	41600	43400	40500	42200	---	---	---
8	42300	40200	41400	42300	40900	41600	---	---	---
9	43100	41000	42100	41900	39800	40500	---	---	---
10	43000	41600	42400	40500	38700	39800	---	---	---
11	43600	41500	42400	41100	38100	39400	---	---	---
12	46500	42000	43200	44500	38900	40700	---	---	---
13	47400	42100	44500	44800	40300	42300	---	---	---
14	47000	46100	46600	44600	42900	43900	---	---	---
15	47000	46000	46500	44200	42800	43700	---	---	---
16	47000	45800	46400	44500	42000	43600	---	---	---
17	46700	45200	46200	43700	41700	42800	---	---	---
18	46700	45600	46200	43800	41000	42400	---	---	---
19	46900	45800	46300	43400	38400	40900	---	---	---
20	46700	45400	46000	42900	37300	39800	---	---	---
21	46000	42600	44900	41000	36200	38100	---	---	---
22	43500	40000	41800	39400	34700	37100	---	---	---
23	43100	38900	39900	36100	33600	35100	---	---	---
24	40300	38600	39300	36000	33500	34800	---	---	---
25	38900	34900	37800	37600	33200	34000	---	---	---
26	36200	34300	35300	34600	33000	34200	---	---	---
27	35000	33200	34100	36700	33100	35000	---	---	---
28	34300	33000	33500	37000	34800	35600	---	---	---
29	34300	33000	33700	36200	34600	35500	---	---	---
30	34200	33400	33900	37900	35700	36800	---	---	---
31	---	---	---	37200	23500	36200	---	---	---
MONTH	47400	33000	41600	44800	23500	39300			

Table A20. Specific conductance and water temperature data collected May-November 2001 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME - Continued.

DEEP

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	40200	21100	26500	45100	38800	42100	46900	43800	45200
2	---	---	---	44300	23800	35500	46300	39800	44500	46900	44700	46100
3	---	---	---	44100	14500	35600	45700	39100	44100	47600	45000	46400
4	---	---	---	42200	11000	31500	45100	39200	43800	47300	45500	46600
5	---	---	---	37000	3240	26900	46700	41700	45700	47700	45000	46600
6	---	---	---	30900	3300	20800	47200	41900	46400	47700	45800	46700
7	---	---	---	28600	11000	21900	45700	41500	45000	47600	45700	46500
8	---	---	---	33600	13700	29500	45700	42400	45100	47900	45800	46700
9	---	---	---	36800	23400	33700	44900	41700	44100	46900	44600	46200
10	---	---	---	35400	28400	33200	43600	40300	41300	46100	43800	45000
11	---	---	---	31900	26500	29100	43500	41500	42600	46200	40000	44700
12	---	---	---	27400	22900	25000	43400	41700	42700	42700	39400	41200
13	---	---	---	23600	18700	21300	43200	41100	42100	44400	40300	41700
14	---	---	---	19400	15700	17700	43100	38800	41800	47700	41600	43500
15	---	---	---	17000	14300	15500	38800	36500	37500	49600	42800	46100
16	---	---	---	15000	8380	11400	41900	35000	37100	49900	47800	48900
17	---	---	---	26900	7230	11500	46700	38500	41200	49600	47000	48400
18	---	---	---	24900	10800	18700	46700	39700	44800	48900	47400	48000
19	---	---	---	34200	2620	11300	47400	41900	46100	49200	47500	48500
20	---	---	---	39100	23800	30900	47800	43900	45800	49800	46200	49000
21	---	---	---	42200	28200	36300	47800	45400	46800	49600	48400	49000
22	---	---	---	44700	29800	40400	48300	46500	47500	50000	48700	49500
23	---	---	---	46300	27000	41600	49000	46000	47800	50100	48000	49100
24	---	---	---	46300	27000	42500	49000	46600	47800	50000	48400	49300
25	---	---	---	44500	29000	39900	48700	44200	47000	49600	46400	48100
26	---	---	---	41800	29900	37700	46300	43300	44800	49000	45700	47500
27	---	---	---	40300	32200	36900	44200	42100	43200	48700	44800	46500
28	---	---	---	39800	31200	35600	44200	40400	42000	48700	46700	47700
29	---	---	---	41200	33300	37000	43000	39900	41200	48700	46500	47700
30	---	---	---	42900	34600	39500	44300	39100	41600	47900	45600	46900
31	---	---	---	---	---	---	45600	40300	43400	48900	44700	47100
MONTH	---	---	---	46300	2620	29200	49000	35000	43800	50100	39400	46800

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	49100	46400	48200	46200	39100	41800	42300	38100	40700
2	47200	45500	46400	46100	43700	45000	45100	40500	43400
3	47600	44900	46300	45700	43900	44800	45400	42200	44800
4	47800	44500	46400	46700	43700	45800	45900	34700	45100
5	47800	46100	46900	47100	44100	46000	46900	42200	45800
6	47000	45200	46000	47800	43300	46000	46600	44000	45400
7	46600	44700	45600	47400	44800	46000	---	---	---
8	46500	44100	45300	46100	44000	44800	---	---	---
9	45400	43600	44300	45000	42700	43800	---	---	---
10	44900	43100	44100	43600	41400	42900	---	---	---
11	45200	42600	43800	44700	41100	42700	---	---	---
12	47900	42700	45000	46200	43400	44800	---	---	---
13	48200	43000	45200	47100	42600	45100	---	---	---
14	48200	47200	47700	47200	45600	46500	---	---	---
15	48100	47000	47600	47200	45400	46400	---	---	---
16	47900	46800	47400	47400	45500	46600	---	---	---
17	47900	46700	47400	46800	44500	45800	---	---	---
18	48000	46500	47300	47100	44300	45600	---	---	---
19	47900	46500	47200	46800	42200	44700	---	---	---
20	47800	46400	47000	46900	42200	45400	---	---	---
21	47400	44600	46300	46700	42500	45400	---	---	---
22	45200	42000	44200	45400	43800	44500	---	---	---
23	44000	42100	43200	45200	38200	40700	---	---	---
24	43700	41600	42600	39500	38700	39100	---	---	---
25	42600	38000	39500	42900	36800	39900	---	---	---
26	40200	38100	39300	42500	39900	41600	---	---	---
27	40300	39100	39500	42600	41000	41500	---	---	---
28	40600	38700	39400	42100	40000	40900	---	---	---
29	40300	37900	39200	40900	39000	39800	---	---	---
30	40000	34800	37500	41100	38600	39900	---	---	---
31	---	---	---	41800	36500	39100	---	---	---
MONTH	49100	34800	44500	47800	36500	43600			

Table A20. Specific conductance and water temperature data collected May-November 2001 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME - Continued.

SHALLOW

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	25.3	14.9	19.2	31.6	19.2	24.7	29.5	18.0	23.4
2	---	---	---	19.5	11.6	16.0	23.0	17.7	20.4	30.0	19.8	24.3
3	---	---	---	15.2	12.3	13.6	24.5	15.4	20.1	29.5	22.2	25.7
4	---	---	---	17.1	13.2	14.8	26.6	16.5	21.3	29.5	21.2	25.2
5	---	---	---	20.8	14.2	17.5	28.5	17.1	21.7	29.0	21.2	24.5
6	---	---	---	21.2	16.5	18.9	25.8	17.7	21.2	30.5	21.5	25.8
7	---	---	---	24.1	16.8	20.8	26.6	14.7	21.4	31.0	23.0	27.1
8	---	---	---	27.1	17.4	21.9	25.3	18.6	21.6	29.5	22.2	26.5
9	---	---	---	25.3	15.7	21.0	21.5	18.0	19.7	30.5	23.0	26.2
10	---	---	---	26.6	17.1	21.7	---	---	---	29.0	24.9	26.7
11	---	---	---	29.0	17.1	22.4	---	---	---	29.5	22.2	26.1
12	---	---	---	21.5	16.2	18.1	---	---	---	25.3	21.5	23.3
13	---	---	---	28.0	16.0	20.9	---	---	---	28.0	20.5	23.6
14	---	---	---	31.6	18.6	24.8	29.0	19.2	23.8	24.5	19.8	22.3
15	---	---	---	34.5	22.6	28.3	28.5	19.5	24.0	27.5	17.7	22.6
16	---	---	---	31.0	24.1	26.9	25.7	20.5	23.0	25.3	14.9	20.3
17	---	---	---	29.0	21.2	23.9	22.9	18.3	19.9	21.5	15.7	19.2
18	---	---	---	27.5	19.8	24.3	27.5	18.6	22.7	24.1	16.5	19.7
19	---	---	---	28.5	21.5	24.5	28.0	17.1	21.9	24.1	16.8	20.2
20	---	---	---	32.7	21.2	26.0	27.1	18.0	21.6	18.6	15.4	17.3
21	---	---	---	29.5	18.6	24.9	27.5	17.7	21.7	18.9	15.4	17.1
22	24.1	15.4	19.5	21.5	16.5	20.1	25.3	17.1	20.9	21.9	16.0	19.5
23	24.1	15.2	19.3	20.5	15.2	18.3	25.3	16.5	20.7	24.9	17.7	22.2
24	23.0	13.7	18.7	21.2	15.2	18.8	25.8	16.3	21.4	25.8	20.2	23.1
25	24.9	12.5	18.5	29.0	15.7	22.6	28.5	18.6	24.0	24.9	19.8	21.7
26	25.3	13.4	18.8	32.1	17.4	25.5	26.6	19.8	22.7	25.3	19.2	21.8
27	20.5	12.5	16.1	32.7	19.2	26.7	25.3	18.0	21.7	24.1	20.1	21.6
28	19.8	12.7	16.3	29.5	20.2	25.4	25.3	17.4	21.4	26.6	20.5	23.3
29	22.9	13.0	18.0	25.3	18.3	21.2	26.2	18.3	22.4	27.1	18.3	23.3
30	20.8	14.4	18.2	31.6	18.0	24.0	28.5	18.3	23.4	25.3	17.4	21.5
31	20.5	13.4	17.3	---	---	---	26.6	19.2	22.8	24.1	20.1	22.2
MONTH				34.5	11.6	21.8	31.6	14.7	21.9	31.0	14.9	22.8

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	23.3	16.2	20.7	17.4	9.7	13.7	9.1	6.0	7.8
2	23.0	13.2	18.7	17.4	9.1	13.6	13.7	9.1	11.8
3	22.6	13.7	18.8	18.6	10.5	15.2	13.4	10.3	12.2
4	22.2	17.1	19.8	19.8	14.7	17.3	12.7	9.7	10.9
5	22.6	15.7	19.5	19.8	14.9	17.4	10.1	8.5	9.3
6	21.9	14.9	18.6	17.4	11.8	15.5	9.9	6.7	8.4
7	24.1	16.5	20.6	16.0	10.3	13.2	---	---	---
8	26.6	18.6	22.9	14.4	8.9	12.1	---	---	---
9	28.0	21.5	24.4	12.7	6.8	10.4	---	---	---
10	26.6	22.2	23.9	13.7	9.7	11.9	---	---	---
11	25.8	19.5	23.2	16.5	9.9	13.4	---	---	---
12	24.1	16.8	20.6	18.6	11.8	15.2	---	---	---
13	22.6	16.2	19.5	16.3	12.7	14.2	---	---	---
14	18.3	13.7	16.7	13.4	11.2	12.7	---	---	---
15	17.1	12.9	15.0	14.2	12.3	13.4	---	---	---
16	18.0	13.7	15.4	14.2	11.4	12.7	---	---	---
17	17.7	13.2	15.4	14.4	11.2	13.2	---	---	---
18	18.0	14.2	16.0	11.4	9.1	10.7	---	---	---
19	16.5	14.2	15.6	10.9	7.4	9.4	---	---	---
20	16.5	14.2	15.4	12.3	8.9	10.6	---	---	---
21	17.7	14.9	16.8	13.7	7.8	11.4	---	---	---
22	21.2	17.1	19.0	14.7	8.3	12.1	---	---	---
23	24.1	18.9	21.0	11.8	7.0	10.3	---	---	---
24	23.3	18.3	20.6	14.4	11.6	13.3	---	---	---
25	19.5	18.6	18.8	14.9	12.3	13.8	---	---	---
26	22.2	17.4	19.7	15.2	10.7	12.6	---	---	---
27	18.6	16.0	17.1	13.0	8.1	10.7	---	---	---
28	17.4	13.4	15.8	11.6	6.2	8.6	---	---	---
29	17.4	12.2	14.7	8.9	5.2	7.6	---	---	---
30	17.7	11.2	14.1	10.5	4.3	7.7	---	---	---
31	---	---	---	8.1	3.7	6.3	---	---	---
MONTH	28.0	11.2	18.6	19.8	3.7	12.3			

Table A20. Specific conductance and water temperature data collected May-November 2001 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME - Continued.

DEEP

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	20.8	15.4	18.1	26.2	19.2	23.0	28.0	21.5	24.1
2	---	---	---	19.8	11.6	16.9	23.7	18.6	20.7	27.1	21.9	24.1
3	---	---	---	14.4	11.8	12.7	22.2	16.5	19.8	27.1	21.9	24.1
4	---	---	---	16.0	13.0	14.1	22.6	16.5	19.0	26.6	20.8	23.4
5	---	---	---	19.5	14.2	16.3	24.1	16.8	19.1	25.8	20.5	22.9
6	---	---	---	20.2	16.3	18.1	23.0	17.4	19.5	27.5	21.9	24.6
7	---	---	---	21.9	16.8	18.9	23.0	17.4	19.9	28.0	21.9	25.2
8	---	---	---	20.8	17.4	19.1	23.3	18.0	19.9	29.5	23.7	26.8
9	---	---	---	20.8	16.0	18.1	21.9	16.8	18.5	28.5	23.0	26.0
10	---	---	---	20.2	16.2	18.4	20.2	17.7	19.3	29.5	26.2	27.8
11	---	---	---	22.2	19.2	20.5	22.2	18.9	20.9	31.6	25.7	28.5
12	---	---	---	21.5	18.6	19.9	25.7	21.5	23.5	25.8	22.2	24.1
13	---	---	---	21.2	18.3	19.2	28.0	24.1	26.1	27.1	22.2	24.1
14	---	---	---	24.1	19.8	21.4	29.5	26.6	27.9	25.8	21.9	23.6
15	---	---	---	26.6	23.0	24.3	29.5	27.0	28.2	26.2	19.5	22.5
16	---	---	---	29.5	24.5	26.7	28.0	23.0	26.8	26.2	19.2	23.1
17	---	---	---	27.1	22.6	24.7	24.5	18.0	23.2	21.5	15.7	19.1
18	---	---	---	25.8	22.2	23.7	23.7	18.3	20.5	23.4	16.5	19.1
19	---	---	---	27.5	21.5	24.1	25.3	18.9	21.3	24.1	16.8	19.9
20	---	---	---	24.9	20.5	22.9	24.9	18.6	20.1	18.6	15.4	17.3
21	---	---	---	24.5	18.6	22.0	27.1	17.7	21.1	18.9	15.4	17.0
22	20.5	15.4	18.4	20.1	16.5	18.7	25.3	16.8	20.5	21.5	16.0	19.4
23	19.8	15.2	17.0	19.5	15.2	16.6	25.3	16.3	20.5	24.1	17.7	21.8
24	19.5	13.9	16.6	19.5	15.2	16.7	24.9	16.3	21.2	25.8	20.2	22.9
25	17.7	12.7	15.0	23.3	15.5	19.0	28.0	18.3	23.5	24.9	19.8	21.9
26	19.5	13.7	16.2	25.8	17.4	21.5	25.8	19.5	22.2	24.9	19.8	22.2
27	20.5	12.5	15.1	27.5	18.6	23.1	25.3	19.5	22.1	23.0	20.1	21.3
28	17.1	12.7	14.8	28.0	21.2	23.8	25.8	19.8	22.8	25.8	21.5	23.3
29	20.5	13.0	16.3	23.7	19.2	21.9	27.1	21.5	24.0	26.6	21.8	24.3
30	19.8	14.2	17.3	24.5	19.5	21.1	29.0	22.2	25.0	26.2	19.8	22.7
31	18.9	13.4	17.2	---	---	---	26.6	21.5	24.2	24.1	19.5	22.0
MONTH				29.5	11.6	20.1	29.5	16.3	22.1	31.6	15.4	22.9

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	22.2	17.7	20.5	16.8	13.2	15.0	10.1	7.4	8.5
2	22.6	17.4	19.7	16.5	13.4	14.9	12.0	8.7	10.9
3	22.2	16.8	19.7	17.7	14.9	16.0	12.5	11.8	12.3
4	21.2	17.1	19.3	18.3	15.2	17.1	13.2	10.7	11.7
5	21.9	18.0	19.7	18.3	16.8	17.6	11.6	9.3	10.3
6	21.2	16.5	19.0	17.4	14.2	15.9	10.5	7.8	9.1
7	23.0	17.1	20.7	16.2	12.2	14.3	---	---	---
8	25.3	21.2	23.2	14.7	10.1	12.8	---	---	---
9	26.6	21.5	24.1	13.0	9.3	11.1	---	---	---
10	25.8	22.6	23.9	13.0	10.7	11.9	---	---	---
11	25.8	20.5	23.7	16.0	10.5	13.4	---	---	---
12	23.7	18.0	21.7	17.7	14.2	16.3	---	---	---
13	22.2	16.8	19.5	16.8	12.5	14.9	---	---	---
14	18.6	13.9	16.8	13.4	11.6	12.7	---	---	---
15	17.1	12.9	14.9	14.2	12.0	13.3	---	---	---
16	17.7	13.4	15.1	13.9	11.4	12.6	---	---	---
17	17.7	13.2	15.3	14.4	11.2	13.1	---	---	---
18	17.7	14.2	15.9	11.6	9.1	10.6	---	---	---
19	16.5	13.9	15.5	10.9	7.4	9.4	---	---	---
20	16.3	13.9	15.3	12.0	9.7	11.2	---	---	---
21	17.7	14.9	16.6	13.4	11.6	12.9	---	---	---
22	20.5	17.1	18.8	15.7	13.2	14.1	---	---	---
23	23.3	19.5	21.3	13.7	9.7	12.0	---	---	---
24	23.0	19.8	21.5	13.2	11.6	12.4	---	---	---
25	20.5	18.6	18.9	14.7	13.2	13.9	---	---	---
26	21.5	18.6	20.0	15.7	13.7	14.4	---	---	---
27	20.1	18.0	19.2	15.2	9.1	13.8	---	---	---
28	20.1	17.7	18.9	13.7	6.7	10.8	---	---	---
29	18.9	15.7	17.5	10.3	6.2	8.4	---	---	---
30	17.7	12.5	15.1	11.8	7.0	9.5	---	---	---
31	---	---	---	8.3	6.0	7.4	---	---	---
MONTH	26.6	12.5	19.0	18.3	6.0	13.0			

Table A21. Specific conductance and water temperature data collected May-November 2001 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data at 15-minute intervals. Shallow and deep data were collected at fixed depths located, respectively, about 0.2 m below the water surface and about 0.2 m above the stream bottom.]

SHALLOW

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	5880	2020	2920	---	---	---	31200	27000	28000
2	---	---	---	16400	2920	4780	---	---	---	31600	29100	30100
3	---	---	---	24700	1490	7330	---	---	---	31400	29100	29900
4	---	---	---	45200	937	5870	---	---	---	34200	29600	31000
5	---	---	---	25100	453	1690	---	---	---	36100	30400	32400
6	---	---	---	8740	478	1050	---	---	---	33400	31700	32500
7	---	---	---	4810	534	729	---	---	---	32900	31400	32100
8	---	---	---	1130	538	653	---	---	---	33100	31400	32200
9	---	---	---	4060	648	877	---	---	---	32400	30100	31400
10	---	---	---	1420	815	951	---	---	---	31100	29600	30600
11	---	---	---	1540	899	970	---	---	---	30700	29000	29800
12	---	---	---	---	---	---	---	---	---	30200	29400	29800
13	---	---	---	47200	870	3380	---	---	---	30300	29300	29800
14	---	---	---	7960	909	1320	8180	3720	4320	30700	29200	29800
15	---	---	---	1690	923	1050	---	---	---	37100	30200	31700
16	---	---	---	5200	1020	1330	---	---	---	46600	35200	37600
17	---	---	---	30100	1190	1940	---	---	---	48000	36700	41500
18	---	---	---	---	---	---	---	---	---	48900	44900	46700
19	---	---	---	6900	615	1110	---	---	---	49400	46600	48000
20	---	---	---	---	---	---	35300	11500	18800	49300	40900	47700
21	---	---	---	31900	729	3240	---	---	---	49100	44700	47400
22	12200	599	1040	---	---	---	---	---	---	48800	43900	46900
23	6370	1290	2340	---	---	---	---	---	---	47800	44100	45700
24	10000	2700	7160	---	---	---	---	---	---	45500	42700	44100
25	10000	3030	7030	---	---	---	---	---	---	43600	38500	41100
26	10000	3170	9000	---	---	---	43200	35100	39200	40500	38900	39800
27	10000	4960	9030	29700	6480	9580	37000	28100	32700	39900	35000	38400
28	10000	4820	8560	28800	7030	9230	30100	26600	27600	40100	15000	35500
29	10000	4360	8730	---	---	---	27200	25000	25900	40200	14000	30200
30	10000	3880	6430	---	---	---	27400	24200	25500	40100	14100	21300
31	10000	2520	3310	---	---	---	28900	25700	26700	39400	1120	19800
MONTH	12200	599	6260	47200	453	3000	43200	3720	25100	49400	1120	35300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	41300	15300	25300	37200	34900	35400	37300	30100	35400
2	37900	14700	24100	38100	37000	37600	37400	27000	32900
3	37900	13700	25300	39000	37100	37800	39600	32100	35200
4	37400	13700	24300	42200	37400	38900	40200	31300	36400
5	36800	13300	20100	42400	38200	39800	41600	36900	39800
6	24200	597	16600	44400	38400	40900	40000	36800	38900
7	17700	171	3190	43700	39900	41300	---	---	---
8	1660	112	172	42100	39600	41000	---	---	---
9	151	100	135	41800	40100	40700	---	---	---
10	17400	104	533	40200	39000	39700	---	---	---
11	38800	95	22000	40800	38800	39600	---	---	---
12	38700	37200	38000	43700	38800	40800	---	---	---
13	42100	37700	39100	46600	41100	42900	---	---	---
14	47100	40000	41600	48800	44300	46700	---	---	---
15	47700	42000	44900	48500	44600	46900	---	---	---
16	48000	45400	46900	48200	44200	46400	---	---	---
17	48300	46200	47400	48200	41800	45600	---	---	---
18	48600	47000	47700	46900	43100	45400	---	---	---
19	48600	46700	47700	44200	37400	42100	---	---	---
20	48300	44900	47000	43700	36300	40900	---	---	---
21	47500	43300	45400	42100	32200	38400	---	---	---
22	44100	37800	41900	39100	36300	38100	---	---	---
23	40800	39000	39900	38800	35800	37400	---	---	---
24	39200	37800	38600	37000	31600	35900	---	---	---
25	38500	36100	37900	37200	35300	36300	---	---	---
26	36600	33000	34300	36300	34300	35700	---	---	---
27	34000	32700	33300	36500	35000	36100	---	---	---
28	33900	32800	33300	37000	36100	36500	---	---	---
29	35000	33600	34200	37200	36200	36700	---	---	---
30	35500	34100	34800	37900	32600	36800	---	---	---
31	---	---	---	38200	27500	36300	---	---	---
MONTH	48600	95	31200	48800	27500	39800			

Table A21. Specific conductance and water temperature data collected May-November 2001 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	9480	2000	3690	24600	13200	15900	27600	23200	24600
2	---	---	---	26400	8560	19300	24500	17200	21700	28000	25000	26200
3	---	---	---	23300	6390	20600	20700	13900	19100	29400	25600	27400
4	---	---	---	18600	943	7680	22000	16100	19900	31400	26500	29300
5	---	---	---	8750	448	1490	23100	17500	22700	32900	27400	30400
6	---	---	---	2950	470	891	25500	20100	24900	31300	27500	28900
7	---	---	---	1700	523	683	24800	16500	21900	30900	27700	29000
8	---	---	---	1260	532	645	22500	20100	21200	29300	27800	28400
9	---	---	---	1940	636	815	23300	21100	22200	29200	27200	28200
10	---	---	---	5860	798	1850	24300	22100	23700	27700	26500	27100
11	---	---	---	14000	5860	11000	25500	24100	24600	27200	25500	26500
12	---	---	---	16800	12800	15300	24900	17700	21900	26600	25900	26200
13	---	---	---	12800	872	4670	22000	9280	16500	26800	26000	26300
14	---	---	---	5220	999	2940	20700	14200	17600	29000	25900	26700
15	---	---	---	3870	1060	2200	19400	15000	18100	32900	27000	28600
16	---	---	---	10800	1850	7050	20300	17600	19400	41000	29900	32900
17	---	---	---	7270	1180	2560	21600	12200	17800	42500	37500	39500
18	---	---	---	2460	1120	1440	21300	11900	13300	43200	39800	41300
19	---	---	---	2230	603	939	37800	18500	21900	43700	41500	42600
20	---	---	---	4110	554	916	39700	28900	36600	43500	40400	42400
21	---	---	---	9980	859	2230	41900	33900	38400	43200	37500	41600
22	3340	592	943	27900	9980	24600	42600	35800	39300	42900	39000	41300
23	10000	1260	3120	33700	15600	32500	42900	35400	39400	42100	38800	40400
24	10000	6030	9980	34700	22800	32400	42700	35200	39300	40600	37800	39100
25	10000	3590	9120	31400	20900	28300	40600	34200	37300	38500	35300	37500
26	10000	6320	9380	27100	17200	23300	36500	31100	33700	38300	28700	35900
27	---	---	---	24100	14500	16900	32600	28000	30900	36800	25800	33400
28	---	---	---	16900	12600	14700	30100	23200	27600	36600	29600	34400
29	---	---	---	13200	7140	10700	26000	21000	23300	36900	13900	28000
30	10000	3840	7870	15600	5440	7960	24000	19900	22200	36100	6380	29300
31	7300	2460	3350	---	---	---	25900	22300	23200	36300	14500	29100
MONTH				34700	448	10000	42900	9280	25000	43700	6380	32300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	36900	14800	26900	37300	33600	35800	35400	32700	34700
2	36400	22300	31600	34300	27800	32900	33800	29300	31900
3	34700	31900	33300	36000	28500	34300	36600	27100	33100
4	34900	12600	26800	38300	31600	35800	36800	34100	35800
5	36200	22700	34100	38900	29000	36200	38800	34100	37000
6	37200	33000	34900	40700	29300	35700	39300	34300	37500
7	35600	16400	30400	40900	36000	38800	---	---	---
8	34200	12800	25300	37500	30500	33200	---	---	---
9	34300	33100	33700	36000	29400	33700	---	---	---
10	34600	23700	33600	36800	26800	33400	---	---	---
11	34600	7160	31500	39500	32900	36700	---	---	---
12	35500	33200	34000	38500	30500	36600	---	---	---
13	39800	34600	35700	42100	32200	38800	---	---	---
14	43600	38200	40200	43800	32100	41000	---	---	---
15	44400	40600	42900	43700	30800	42000	---	---	---
16	44500	42400	43500	42900	40100	41300	---	---	---
17	44600	43100	43900	42500	30000	39700	---	---	---
18	44500	42900	43800	41300	38300	40200	---	---	---
19	44600	42100	43600	39600	34600	37700	---	---	---
20	44200	28300	39900	39100	34700	36900	---	---	---
21	43200	39000	41500	38400	28800	34100	---	---	---
22	40800	25800	39000	35100	27800	33300	---	---	---
23	40600	36800	38900	35400	29500	32900	---	---	---
24	38900	36600	38200	37600	27600	34300	---	---	---
25	40500	34300	38800	38700	31400	36400	---	---	---
26	39600	30900	37200	42600	27800	32600	---	---	---
27	38400	33100	36200	37800	28000	33600	---	---	---
28	38600	31500	37800	38400	31900	36100	---	---	---
29	39000	33500	37400	38300	32500	34700	---	---	---
30	38700	35600	36600	36300	32800	34300	---	---	---
31	---	---	---	35200	32600	33800	---	---	---
MONTH	44600	7160	36400	43800	26800	36000			

Table A21. Specific conductance and water temperature data collected May-November 2001 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME - Continued.

SHALLOW

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	24.4	15.3	19.3	31.4	23.2	26.3	30.3	20.3	24.7
2	---	---	---	19.3	14.0	16.6	25.6	19.3	22.6	28.8	22.0	25.2
3	---	---	---	15.0	13.0	14.0	23.9	17.8	20.9	30.3	23.2	26.9
4	---	---	---	16.7	13.3	14.8	26.0	19.0	22.0	30.3	23.9	27.0
5	---	---	---	21.0	14.8	17.6	28.8	20.3	23.9	30.3	24.3	26.6
6	---	---	---	21.0	17.2	19.1	28.8	21.7	24.4	30.9	23.2	26.5
7	---	---	---	24.0	18.1	21.1	26.9	19.3	23.0	30.9	23.9	27.2
8	---	---	---	25.6	19.0	21.9	24.8	20.3	22.4	30.3	23.5	27.1
9	---	---	---	25.2	18.4	21.4	21.7	19.0	20.1	30.9	24.8	27.3
10	---	---	---	26.9	18.7	21.9	22.8	18.1	20.1	28.8	25.2	26.8
11	---	---	---	27.8	18.4	22.5	25.2	17.8	21.4	29.3	23.2	26.1
12	---	---	---	20.6	16.6	18.5	27.4	19.7	22.8	26.0	22.4	23.8
13	---	---	---	26.9	16.1	20.5	27.8	18.7	22.8	27.4	21.3	23.8
14	---	---	---	31.4	18.7	25.3	28.3	20.0	24.1	24.8	21.3	22.8
15	---	---	---	33.2	22.4	27.8	27.8	19.6	23.7	27.4	19.6	23.6
16	---	---	---	31.4	22.8	26.5	25.6	20.3	22.6	27.4	22.8	24.8
17	---	---	---	26.5	20.0	22.8	21.7	19.3	20.6	23.6	17.2	21.9
18	---	---	---	28.3	21.3	24.8	26.9	18.4	22.5	26.5	17.2	22.1
19	---	---	---	27.4	21.3	24.2	29.8	21.0	25.0	26.0	18.1	21.9
20	---	---	---	31.4	21.4	25.8	31.4	22.4	26.0	22.1	17.8	19.1
21	---	---	---	29.3	23.6	25.7	30.3	20.0	24.8	20.7	15.8	18.2
22	23.6	15.3	19.2	24.3	20.3	21.9	26.5	18.1	22.8	23.6	17.2	20.8
23	23.2	16.6	19.7	21.4	16.6	19.6	26.9	17.8	23.4	25.6	21.0	23.3
24	23.2	15.8	19.5	21.7	16.7	19.8	28.3	19.0	24.5	26.9	22.4	24.0
25	25.6	15.8	20.1	30.9	17.8	23.6	33.8	23.9	26.7	24.4	19.3	21.3
26	25.2	17.2	20.3	32.6	22.0	26.5	27.8	22.4	25.3	24.0	18.4	21.1
27	18.7	15.6	17.4	32.6	23.9	28.0	26.5	16.9	22.2	23.9	19.3	21.1
28	20.3	15.0	17.1	30.3	25.2	27.4	25.2	17.2	21.4	28.8	19.7	22.9
29	23.2	15.3	18.8	25.2	20.3	22.9	26.0	19.0	22.5	27.4	18.1	21.8
30	21.4	16.6	18.8	29.8	19.3	24.0	27.4	19.6	23.4	24.8	13.5	19.2
31	20.7	14.0	17.4	---	---	---	26.9	20.6	23.7	23.6	19.0	21.0
MONTH	25.6	14.0	18.8	33.2	13.0	22.2	33.8	16.9	23.2	30.9	13.5	23.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	25.2	15.0	20.6	17.2	10.3	13.8	8.6	6.2	7.2
2	23.6	11.9	17.4	20.0	14.0	16.6	13.8	8.6	11.5
3	22.1	12.3	17.4	19.4	14.0	16.8	14.5	11.6	13.2
4	22.4	15.8	19.0	21.7	15.6	18.1	12.8	10.6	11.8
5	24.4	12.6	18.7	21.7	16.1	18.6	12.3	9.9	11.0
6	25.6	9.5	16.7	19.0	14.8	17.3	10.4	8.4	9.4
7	26.9	12.1	19.4	16.7	11.4	14.1	---	---	---
8	29.8	15.3	21.8	14.5	10.3	12.4	---	---	---
9	31.4	16.9	22.6	14.3	7.2	10.8	---	---	---
10	25.2	17.5	20.7	13.8	9.7	11.8	---	---	---
11	26.5	18.4	22.6	16.9	9.1	12.9	---	---	---
12	25.6	18.7	21.6	19.7	11.9	15.5	---	---	---
13	23.6	18.1	20.6	17.8	13.8	15.6	---	---	---
14	19.7	15.5	18.1	15.0	12.6	13.9	---	---	---
15	19.7	13.0	16.2	14.8	13.3	13.9	---	---	---
16	19.4	13.7	16.3	15.0	11.6	13.3	---	---	---
17	19.7	14.5	16.6	14.5	12.3	13.5	---	---	---
18	19.7	14.8	17.0	12.6	9.5	11.0	---	---	---
19	18.1	15.3	16.6	10.6	6.7	8.9	---	---	---
20	17.5	15.3	16.3	11.9	8.9	10.4	---	---	---
21	17.8	15.8	17.0	13.5	8.7	11.4	---	---	---
22	21.4	17.5	19.1	15.0	11.0	12.8	---	---	---
23	25.2	19.0	21.6	12.6	7.8	10.4	---	---	---
24	24.0	18.1	20.9	16.1	11.2	13.4	---	---	---
25	20.6	18.1	18.9	15.3	13.5	14.3	---	---	---
26	23.6	18.1	20.0	15.3	10.8	12.7	---	---	---
27	19.0	15.8	17.3	12.6	8.3	10.4	---	---	---
28	18.1	14.2	16.1	10.2	6.3	8.2	---	---	---
29	18.4	11.4	14.9	9.3	3.9	6.8	---	---	---
30	18.1	10.1	14.0	9.2	6.0	7.5	---	---	---
31	---	---	---	7.6	2.7	5.6	---	---	---
MONTH	31.4	9.5	18.5	21.7	2.7	12.7			

Table A21. Specific conductance and water temperature data collected May-November 2001 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	24.4	15.5	18.8	28.8	25.2	26.7	30.3	21.7	25.6
2	---	---	---	20.6	15.0	19.1	26.9	22.4	25.1	30.3	23.2	26.7
3	---	---	---	15.3	14.0	14.9	24.4	22.4	23.1	30.9	25.6	28.2
4	---	---	---	16.7	13.5	14.9	24.8	22.1	23.2	30.9	27.4	28.8
5	---	---	---	20.7	14.8	17.5	26.5	22.4	24.0	30.9	27.4	28.7
6	---	---	---	21.0	17.2	19.1	26.5	23.2	24.5	31.4	24.7	27.8
7	---	---	---	23.6	18.4	20.7	26.9	22.4	24.5	30.9	25.2	28.6
8	---	---	---	25.2	19.3	21.7	26.0	23.9	24.4	30.3	25.1	27.8
9	---	---	---	23.6	18.7	20.9	24.7	22.8	23.4	30.9	25.2	27.6
10	---	---	---	23.2	19.0	20.7	24.8	23.2	23.9	28.8	25.6	27.2
11	---	---	---	24.4	19.6	21.8	26.5	23.9	25.0	29.8	23.5	26.6
12	---	---	---	22.4	18.1	20.5	27.4	24.7	25.9	26.0	22.8	24.2
13	---	---	---	26.5	16.4	19.9	28.3	21.7	25.5	27.8	21.7	24.2
14	---	---	---	29.3	19.3	22.9	28.8	23.9	25.9	25.2	21.7	23.4
15	---	---	---	32.6	23.2	27.0	27.4	23.5	25.4	27.4	21.0	24.3
16	---	---	---	28.8	24.7	26.5	26.9	23.9	25.6	27.8	23.1	25.4
17	---	---	---	27.4	23.2	25.0	26.0	22.8	24.3	24.4	17.2	23.0
18	---	---	---	27.8	21.7	24.3	26.5	23.2	24.4	26.5	17.2	21.9
19	---	---	---	27.4	21.7	24.2	28.3	22.8	25.8	26.0	18.1	22.0
20	---	---	---	29.8	21.4	25.1	26.9	22.4	24.3	22.1	17.8	19.2
21	38.5	6.7	16.7	28.8	23.6	25.5	27.8	20.0	23.7	20.7	15.8	18.3
22	23.6	15.3	19.1	24.3	20.3	21.9	26.5	18.1	22.5	23.9	17.2	20.9
23	22.8	16.9	19.7	20.3	16.6	17.7	26.9	17.8	23.0	26.0	21.3	23.5
24	22.8	16.6	19.5	18.7	16.7	17.6	27.8	19.0	24.6	26.9	22.8	24.3
25	25.6	16.6	20.0	21.7	17.8	19.5	29.8	23.9	26.8	24.0	20.3	22.3
26	25.2	17.5	20.3	25.6	21.3	23.3	27.8	23.9	25.7	25.2	19.3	22.6
27	19.3	16.1	17.5	29.8	23.9	26.2	27.8	22.0	24.8	24.0	20.0	21.8
28	19.3	15.3	16.9	28.8	25.6	27.1	25.6	21.0	24.0	26.5	22.4	24.1
29	23.2	15.6	18.7	26.0	22.8	24.4	26.5	21.0	24.0	27.4	23.2	24.9
30	21.0	16.6	18.8	29.3	19.7	24.0	28.3	21.4	25.1	26.9	20.0	23.3
31	20.7	14.2	17.5	---	---	---	26.9	22.4	24.8	24.8	20.7	22.8
MONTH	38.5	6.7	18.6	32.6	13.5	21.8	29.8	17.8	24.6	31.4	15.8	24.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	24.4	21.7	22.7	18.4	14.0	16.6	9.3	7.4	8.7
2	24.8	19.0	21.9	19.7	14.5	16.8	14.0	8.6	11.6
3	24.0	18.1	21.2	20.0	15.8	17.6	14.3	13.0	13.5
4	23.6	18.1	21.2	22.1	15.8	18.9	14.0	12.8	13.5
5	24.8	20.6	22.5	21.7	19.3	20.3	13.3	11.0	12.2
6	24.8	18.1	21.5	20.0	16.6	17.9	11.2	9.1	10.5
7	25.2	18.1	21.6	16.9	14.0	16.1	---	---	---
8	26.9	20.0	23.3	15.8	12.6	13.9	---	---	---
9	29.3	21.3	24.8	14.3	8.3	11.8	---	---	---
10	26.5	22.0	24.1	14.3	10.8	12.6	---	---	---
11	26.9	22.1	24.1	16.9	10.6	14.7	---	---	---
12	24.8	19.6	22.2	18.4	14.8	16.6	---	---	---
13	24.0	19.0	21.4	17.8	15.3	16.6	---	---	---
14	22.1	16.4	20.5	15.3	13.3	14.2	---	---	---
15	20.3	15.8	17.6	14.8	13.5	14.0	---	---	---
16	19.4	14.7	16.6	15.0	11.9	13.5	---	---	---
17	19.7	14.8	16.7	14.8	12.3	13.6	---	---	---
18	20.0	15.0	17.0	12.6	9.7	11.1	---	---	---
19	18.4	15.5	16.8	10.8	7.6	9.3	---	---	---
20	17.2	15.3	16.4	12.1	9.1	10.6	---	---	---
21	18.1	16.1	17.1	13.8	10.6	12.3	---	---	---
22	20.3	17.8	18.8	15.3	11.7	13.4	---	---	---
23	24.4	20.0	21.6	13.2	8.9	11.9	---	---	---
24	23.6	20.0	22.0	14.3	11.4	12.8	---	---	---
25	22.8	19.0	21.1	15.3	14.0	14.5	---	---	---
26	23.2	19.3	20.9	15.3	11.9	14.4	---	---	---
27	22.0	19.0	20.5	13.2	8.9	11.9	---	---	---
28	21.3	19.3	20.5	11.0	7.2	9.3	---	---	---
29	21.0	16.9	19.0	9.8	5.0	7.9	---	---	---
30	19.7	14.5	17.6	9.6	7.0	8.5	---	---	---
31	---	---	---	7.8	4.2	6.5	---	---	---
MONTH	29.3	14.5	20.4	22.1	4.2	13.6			

Table A22. Specific conductance and water temperature data collected May-November 2001 at station 103 (USGS identifier 442509068185301) Northeast Creek near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data at 15-minute intervals. Shallow and deep data were collected at fixed depths located, respectively, about 0.2 m below the water surface and about 0.2 m above the stream bottom.]

SHALLOW

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	2950	986	1740	10500	2360	4190	22900	20800	21700
2	---	---	---	10900	1250	2760	10100	4800	6470	23500	22500	22900
3	---	---	---	8300	352	2380	8240	3560	5400	24300	23200	23800
4	---	---	---	6330	246	1190	8550	3990	6400	25300	23600	24600
5	---	---	---	3000	254	644	10300	5120	7440	26600	24200	25800
6	---	---	---	1020	305	457	14700	5380	8680	26200	25200	25600
7	---	---	---	555	368	432	10400	4880	7880	26500	24800	25500
8	---	---	---	594	392	539	10400	3660	7460	26000	24600	25200
9	---	---	---	820	533	706	8870	1880	6190	24900	18000	23000
10	---	---	---	800	685	761	2510	1300	1930	24800	17900	23800
11	---	---	---	893	709	811	2620	1400	2020	23700	17300	21000
12	---	---	---	950	771	867	6410	2090	3260	22500	15900	20700
13	---	---	---	1220	632	867	5600	2140	3410	22400	18600	21800
14	---	---	---	983	583	766	3760	1140	2230	23100	16000	19500
15	---	---	---	1020	706	827	3560	1080	1750	25400	15400	21200
16	---	---	---	1210	757	910	1800	1190	1470	33400	17900	25100
17	---	---	---	1230	871	1030	3100	1530	1840	43000	30600	33000
18	---	---	---	1160	732	905	11300	2520	3630	44300	20700	40400
19	---	---	---	732	405	489	22900	6780	9730	45000	24300	41600
20	---	---	---	785	407	506	30300	17000	22900	45600	35300	43700
21	---	---	---	1120	530	621	37700	28300	35200	44800	35300	42800
22	1360	435	629	5830	833	1630	43200	31200	40700	43700	36900	41600
23	2770	672	1100	20100	2310	11300	43100	34500	41000	42100	38300	40100
24	10000	1130	2480	26500	2860	19100	42200	34500	39800	39400	35800	37900
25	10000	1210	4560	23000	5270	14200	39300	34000	37200	36200	33100	34900
26	10000	2000	7960	16700	3960	10700	35100	26400	31900	35200	33200	34500
27	10000	2560	5500	11400	3310	7070	29500	20800	25000	34900	33200	34000
28	10000	2040	6610	6020	3310	4280	24700	21700	23400	34300	32500	33300
29	10000	3840	8430	5390	2980	4080	25100	23000	23900	34000	31800	32800
30	10000	1830	3480	5110	3020	4000	23900	21100	22600	33000	31800	32300
31	2350	1440	1960	---	---	---	22700	19300	21300	34300	32800	33200
MONTH	10000	435	4270	26500	246	3220	43200	1080	14700	45600	15400	29900

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	34700	32300	33900	---	---	---	33500	29500	32600
2	33700	30100	31200	---	---	---	33500	31800	32500
3	32100	30500	31200	---	---	---	32400	28600	31900
4	32400	30100	32000	---	---	---	33900	26800	32400
5	32600	31700	32100	---	---	---	36500	25900	33500
6	32400	31500	32000	---	---	---	33100	29800	31900
7	32900	31400	32100	---	---	---	---	---	---
8	33000	31700	32300	---	---	---	---	---	---
9	33200	31800	32400	---	---	---	---	---	---
10	33400	26700	32700	---	---	---	---	---	---
11	33800	32100	33000	36200	34200	35000	---	---	---
12	34800	31900	33500	36700	34900	35500	---	---	---
13	35300	33700	34300	40900	35300	36500	---	---	---
14	39900	34600	35400	44000	36400	40500	---	---	---
15	44400	37800	39200	44600	40200	43500	---	---	---
16	46000	42000	43700	43100	39200	42000	---	---	---
17	46000	43000	44800	44000	39000	42300	---	---	---
18	46400	42800	45300	42600	38600	40700	---	---	---
19	46100	41700	44800	40900	36800	38500	---	---	---
20	45300	39700	43400	38700	35900	37400	---	---	---
21	43000	39700	41700	37900	35600	37000	---	---	---
22	42200	37100	40400	36400	32000	34800	---	---	---
23	39300	36300	38000	34700	32800	33700	---	---	---
24	37100	26600	36000	34400	33300	33800	---	---	---
25	36400	33600	34700	34400	31500	33500	---	---	---
26	38800	33400	37000	33500	25700	32700	---	---	---
27	37500	23000	32800	34700	28900	32500	---	---	---
28	30900	29500	30200	32800	23800	31700	---	---	---
29	31500	30300	30800	33100	21700	30600	---	---	---
30	32000	30900	31200	32900	20500	29200	---	---	---
31	---	---	---	32800	25400	30600	---	---	---
MONTH	46400	23000	35700	44600	20500	35800			

Table A22. Specific conductance and water temperature data collected May-November 2001 at station 103 (USGS identifier 442509068185301) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	4230	2080	3080	13500	4150	6340	25000	20900	22200
2	---	---	---	16400	1680	4020	14600	5420	9420	23900	22100	22800
3	---	---	---	13600	3900	11100	13800	7490	10700	24000	23000	23600
4	---	---	---	9580	1440	6300	13800	7700	11300	25300	23400	24400
5	---	---	---	3330	293	812	15700	11600	13500	26600	24000	26000
6	---	---	---	1200	315	488	16600	13400	15400	26400	24900	25500
7	---	---	---	685	383	468	19100	14500	17600	26000	24800	25400
8	---	---	---	1140	502	608	18900	17000	18000	26000	24600	25200
9	---	---	---	1070	670	803	18300	15000	17500	25600	24500	24900
10	---	---	---	1210	763	878	15200	8580	11700	25500	24600	25000
11	---	---	---	1100	721	902	15900	8890	12800	26700	25000	26100
12	---	---	---	1140	795	985	17000	14800	15900	26100	25300	25600
13	---	---	---	1590	955	1280	16500	13800	15100	25700	24500	25100
14	---	---	---	1600	988	1390	16500	4350	13700	25400	22900	24700
15	---	---	---	1580	1010	1350	13800	8110	11400	25700	22500	23300
16	---	---	---	1400	749	1090	12300	6720	11200	33000	25400	26300
17	---	---	---	1260	927	1090	11600	2890	8170	42200	18200	32300
18	---	---	---	1490	735	1090	11400	3590	6840	43500	25600	40300
19	---	---	---	735	396	492	22900	9460	11900	44500	40600	43000
20	---	---	---	747	411	514	29800	22500	25000	44800	36900	43500
21	---	---	---	1050	518	617	38500	29800	37000	44400	40800	43300
22	2520	435	813	7540	1050	5910	43300	31700	40900	43500	39600	41900
23	3430	755	1570	23700	4600	20800	43600	36800	41600	41400	27300	39400
24	---	---	---	26800	17700	24400	42400	37300	40300	39800	18600	35000
25	---	---	---	23400	18000	22500	39400	36000	38000	37300	30400	35900
26	---	---	---	22800	16500	17900	37700	29500	33900	36100	33600	34800
27	---	---	---	17100	11500	15400	29800	25600	28900	35700	33700	34500
28	---	---	---	12600	3840	7760	30500	28000	28800	34300	33300	33800
29	---	---	---	8090	4140	5580	29100	26200	27900	34200	32500	33200
30	---	---	---	9450	4800	6770	28500	22300	25500	34000	31300	32700
31	10000	1760	3260	---	---	---	26100	21300	24300	33900	32300	32900
MONTH				26800	293	5550	43600	2890	20300	44800	18200	30700

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	34200	33400	33700	---	---	---	33700	32200	33100
2	34400	32900	33700	---	---	---	33700	32300	33200
3	34300	30600	32100	---	---	---	33300	32000	32500
4	33200	31300	31800	---	---	---	34000	32000	33100
5	32300	31300	31800	---	---	---	36600	31600	34500
6	32100	31000	31600	---	---	---	36900	31900	33700
7	32000	30700	31600	---	---	---	---	---	---
8	32400	31100	31800	---	---	---	---	---	---
9	32800	31400	32100	---	---	---	---	---	---
10	33000	32000	32500	---	---	---	---	---	---
11	33100	32400	32700	35900	34500	35100	---	---	---
12	34100	32600	33100	36100	34500	35300	---	---	---
13	34800	33400	33900	40300	35100	36300	---	---	---
14	39200	34300	35100	43400	39000	40500	---	---	---
15	43800	37500	38900	43900	41600	43300	---	---	---
16	45100	42000	43400	43000	40000	42000	---	---	---
17	45300	42700	44400	44100	40300	42700	---	---	---
18	45900	43200	44900	42800	39800	41100	---	---	---
19	45600	42800	44600	42100	37800	40200	---	---	---
20	45100	40900	43700	40600	34700	38800	---	---	---
21	45100	40600	42700	39600	36500	38300	---	---	---
22	43100	40200	42100	38700	36200	37500	---	---	---
23	42200	40800	41500	38700	33100	36800	---	---	---
24	42400	41100	41700	35100	33500	34200	---	---	---
25	42800	35000	39800	35500	33100	34400	---	---	---
26	40300	39100	39700	34600	32800	33700	---	---	---
27	40500	39400	40000	34700	32900	33800	---	---	---
28	40500	32600	37100	34400	32600	33500	---	---	---
29	41100	31700	37200	34300	32400	33300	---	---	---
30	39600	33300	36700	34100	32200	32900	---	---	---
31	---	---	---	33800	32700	33100	---	---	---
MONTH	45900	30600	37200	44100	32200	37000			

Table A22. Specific conductance and water temperature data collected May-November 2001 at station 103 (USGS identifier 442509068185301) Northeast Creek near Bar Harbor, ME - Continued.

SHALLOW

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	24.2	14.4	18.8	29.0	22.3	25.4	30.0	21.5	25.3
2	---	---	---	19.9	13.2	16.1	24.6	19.9	22.3	30.0	23.0	25.9
3	---	---	---	14.7	12.3	13.6	23.0	17.4	20.2	30.6	24.2	27.1
4	---	---	---	16.6	11.9	14.4	26.2	18.6	21.9	31.1	25.4	27.9
5	---	---	---	20.6	13.2	17.4	27.1	19.9	23.1	31.1	25.0	27.4
6	---	---	---	20.9	16.8	18.9	27.6	21.6	24.3	31.6	24.1	27.1
7	---	---	---	23.8	17.7	20.7	25.8	19.2	22.5	31.1	24.2	27.6
8	---	---	---	23.0	18.3	20.9	25.4	19.6	22.1	31.1	24.6	27.4
9	---	---	---	23.8	17.4	20.3	21.9	18.6	20.0	31.1	24.2	26.7
10	---	---	---	26.2	17.7	21.2	22.6	17.4	20.0	28.5	24.2	26.5
11	---	---	---	24.6	17.4	20.9	25.4	17.7	21.5	29.5	21.9	25.5
12	---	---	---	20.9	16.3	17.8	27.1	19.9	22.9	24.2	20.8	22.7
13	---	---	---	24.2	15.8	19.4	27.1	17.7	22.5	27.6	20.2	23.1
14	---	---	---	31.1	18.3	23.9	28.5	17.4	23.2	23.8	20.5	22.3
15	---	---	---	31.6	21.6	26.2	27.6	18.6	23.2	27.6	18.9	23.0
16	---	---	---	31.6	23.4	26.4	25.8	19.2	22.5	27.1	19.9	23.1
17	---	---	---	26.2	21.2	23.3	21.9	19.2	20.5	23.8	21.2	22.5
18	---	---	---	27.6	21.2	24.5	26.2	18.9	22.2	27.6	20.9	23.8
19	---	---	---	25.8	20.6	22.9	29.5	21.2	25.2	27.1	19.9	23.3
20	---	---	---	29.0	20.5	24.7	31.1	23.8	26.8	24.2	19.2	20.6
21	---	---	---	28.5	23.4	25.2	29.0	23.8	26.1	20.9	16.9	19.0
22	22.3	14.4	18.3	24.6	20.2	21.9	27.6	20.2	24.1	24.6	19.2	21.8
23	21.9	15.8	18.9	21.6	19.2	20.4	27.1	20.5	24.3	27.1	21.6	24.0
24	22.6	15.7	19.1	21.6	18.6	20.2	29.5	22.6	25.9	27.6	21.9	24.3
25	24.6	15.2	19.7	29.5	19.2	23.8	31.6	24.2	27.5	25.0	18.9	21.9
26	22.6	16.6	19.4	30.6	22.6	26.2	28.5	23.4	26.3	25.0	18.6	21.7
27	18.3	15.5	17.0	31.6	23.0	26.8	26.2	21.5	23.7	23.8	18.9	21.2
28	20.2	14.7	17.1	29.5	23.8	26.2	28.5	20.2	23.9	27.6	20.9	23.5
29	21.9	15.5	18.3	24.2	19.5	21.9	28.5	22.6	25.5	26.2	21.6	23.8
30	20.2	15.5	18.2	28.1	17.4	23.0	30.0	20.5	25.2	25.4	18.9	21.8
31	20.2	13.5	16.9	---	---	---	27.1	21.2	24.1	24.2	19.9	22.0
MONTH	24.6	13.5	18.3	31.6	11.9	21.6	31.6	17.4	23.5	31.6	16.9	24.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	23.8	18.6	22.0	---	---	---	9.0	6.2	7.4
2	24.2	15.2	19.7	---	---	---	13.5	8.8	11.6
3	22.6	16.8	19.4	---	---	---	14.5	13.0	13.6
4	22.6	17.1	20.0	---	---	---	14.0	12.1	13.2
5	23.0	19.2	20.7	---	---	---	13.2	8.9	11.1
6	21.9	16.3	19.1	---	---	---	9.8	7.4	8.3
7	25.0	17.4	20.6	---	---	---	---	---	---
8	26.3	18.9	22.1	---	---	---	---	---	---
9	28.5	20.2	23.5	---	---	---	---	---	---
10	25.8	21.2	23.1	---	---	---	---	---	---
11	25.4	21.6	23.1	17.4	9.9	13.7	---	---	---
12	24.2	18.9	21.3	20.9	12.8	16.1	---	---	---
13	23.0	18.0	20.4	17.4	13.0	15.7	---	---	---
14	20.2	16.3	17.7	16.3	11.2	14.6	---	---	---
15	20.9	12.5	16.9	15.5	14.0	14.5	---	---	---
16	20.2	14.7	17.2	15.5	12.3	14.0	---	---	---
17	20.2	15.2	17.5	14.7	11.9	13.8	---	---	---
18	20.2	16.0	18.0	12.3	9.3	10.8	---	---	---
19	19.2	16.0	17.6	11.0	8.2	9.7	---	---	---
20	17.7	15.5	16.7	13.0	9.6	11.1	---	---	---
21	18.6	16.3	17.5	16.6	10.6	13.0	---	---	---
22	21.9	18.0	19.6	15.8	11.8	13.6	---	---	---
23	26.2	19.9	22.2	13.5	8.3	11.3	---	---	---
24	24.6	18.3	21.5	16.3	11.9	13.9	---	---	---
25	21.2	16.9	19.0	15.8	13.7	14.8	---	---	---
26	23.8	19.2	21.2	15.2	12.1	13.7	---	---	---
27	21.2	16.6	19.0	13.3	9.7	11.6	---	---	---
28	17.4	13.2	15.5	11.0	6.7	9.1	---	---	---
29	18.6	11.6	14.9	10.0	4.2	7.8	---	---	---
30	18.6	10.1	14.3	9.8	6.2	8.1	---	---	---
31	---	---	---	7.3	3.6	6.0	---	---	---
MONTH	28.5	10.1	19.4	20.9	3.6	12.2			

Table A22. Specific conductance and water temperature data collected May-November 2001 at station 103 (USGS identifier 442509068185301) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	21.6	15.2	18.6	27.1	23.0	25.3	28.1	22.2	24.8
2	---	---	---	19.9	14.0	16.6	25.8	21.9	23.9	28.5	23.0	25.6
3	---	---	---	15.5	14.2	15.0	25.0	20.2	22.8	29.5	24.6	26.9
4	---	---	---	16.6	13.7	15.0	25.8	21.2	23.5	30.0	25.8	27.6
5	---	---	---	20.6	13.7	17.4	26.2	23.0	24.6	29.5	25.8	27.3
6	---	---	---	20.9	16.6	18.9	28.5	24.6	26.2	30.0	24.1	26.7
7	---	---	---	23.4	17.7	20.6	28.0	24.1	26.2	30.0	24.2	27.2
8	---	---	---	23.0	18.6	20.7	27.6	24.1	26.3	29.5	24.6	27.1
9	---	---	---	23.4	17.1	20.1	26.7	23.0	24.9	28.1	23.8	26.0
10	---	---	---	25.4	17.7	21.2	24.6	21.6	23.3	28.1	25.4	26.8
11	---	---	---	24.6	17.7	21.4	26.7	23.0	24.9	28.5	24.6	26.2
12	---	---	---	21.6	16.6	18.1	28.0	25.4	26.8	26.2	22.6	23.8
13	---	---	---	20.2	16.0	17.4	30.0	23.4	27.3	26.2	21.9	23.7
14	---	---	---	23.8	18.6	21.0	29.5	21.9	26.3	24.2	21.2	23.3
15	---	---	---	26.3	22.3	24.1	28.5	24.5	26.5	26.2	19.5	22.4
16	---	---	---	31.6	23.4	27.0	27.6	21.6	25.5	25.8	19.9	22.6
17	---	---	---	26.2	21.9	23.8	25.4	21.2	22.5	24.2	21.6	22.6
18	---	---	---	27.6	21.2	24.4	26.2	21.6	23.7	26.7	20.9	23.4
19	---	---	---	25.4	19.9	22.8	28.5	23.4	25.7	26.2	20.2	22.9
20	---	---	---	28.1	20.5	24.1	30.0	24.9	26.7	24.2	19.2	20.5
21	---	---	---	28.5	23.4	25.4	29.0	24.1	25.4	20.9	17.1	18.7
22	22.3	14.7	18.3	24.6	20.5	23.3	26.7	20.2	23.1	24.2	19.2	21.5
23	21.9	15.8	19.1	21.2	19.9	20.4	27.1	20.5	23.4	26.7	21.6	23.8
24	22.3	17.7	19.8	21.2	18.6	19.5	28.1	23.0	25.6	27.6	22.3	24.6
25	22.6	18.0	20.0	24.2	19.2	21.3	29.5	24.6	27.2	24.6	20.9	22.7
26	22.6	18.6	20.4	27.1	22.6	24.8	29.5	25.4	27.2	25.0	20.2	22.0
27	20.2	17.7	18.6	29.5	25.0	27.2	26.2	24.1	25.3	22.6	19.6	21.3
28	18.9	16.3	17.6	29.5	25.0	27.4	27.6	23.0	25.7	25.0	21.6	23.1
29	21.6	16.3	18.4	25.0	19.9	22.5	28.0	24.1	26.1	26.2	22.6	24.3
30	21.2	17.4	19.7	27.1	18.6	22.7	29.0	21.6	25.4	24.6	19.2	21.8
31	20.2	14.2	17.5	---	---	---	26.7	21.5	24.2	24.2	20.5	22.1
MONTH	22.6	14.2	18.9	31.6	13.7	21.4	30.0	20.2	25.2	30.0	17.1	24.0

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	23.8	21.2	22.3	---	---	---	8.8	6.7	8.0
2	23.8	19.2	21.7	---	---	---	13.5	8.8	11.2
3	22.6	16.8	19.7	---	---	---	14.2	12.8	13.5
4	22.3	17.4	20.0	---	---	---	14.2	13.0	13.6
5	23.0	19.2	20.9	---	---	---	13.7	10.6	12.2
6	21.2	16.0	18.7	---	---	---	10.8	7.8	9.2
7	23.0	17.7	20.2	---	---	---	---	---	---
8	25.0	19.2	21.7	---	---	---	---	---	---
9	26.7	20.9	23.2	---	---	---	---	---	---
10	25.8	21.6	23.2	---	---	---	---	---	---
11	25.0	21.6	23.1	16.9	10.1	13.8	---	---	---
12	23.8	18.6	21.1	19.3	12.8	15.9	---	---	---
13	22.3	16.6	20.0	17.4	12.8	15.8	---	---	---
14	20.2	16.3	17.7	16.6	14.0	15.3	---	---	---
15	19.9	14.4	17.2	15.5	14.0	14.6	---	---	---
16	19.9	16.3	17.7	15.8	13.2	14.3	---	---	---
17	20.2	15.5	17.7	14.7	12.3	13.8	---	---	---
18	20.2	16.0	18.1	12.3	9.3	11.1	---	---	---
19	19.2	16.3	17.7	12.3	10.5	11.1	---	---	---
20	18.3	15.8	16.9	13.3	10.6	11.8	---	---	---
21	18.3	16.3	17.6	16.0	12.3	13.7	---	---	---
22	21.2	18.0	19.5	16.6	13.2	14.8	---	---	---
23	23.8	20.2	22.0	15.0	11.4	13.2	---	---	---
24	25.0	21.5	23.3	15.2	12.1	13.4	---	---	---
25	23.4	18.3	20.4	15.5	15.0	15.2	---	---	---
26	23.8	20.5	22.0	15.2	12.8	14.1	---	---	---
27	23.0	20.2	22.4	14.0	11.2	12.6	---	---	---
28	20.2	14.7	17.0	11.6	8.3	10.2	---	---	---
29	19.2	14.2	16.6	10.2	6.4	8.6	---	---	---
30	19.3	12.5	15.7	10.2	6.9	8.8	---	---	---
31	---	---	---	7.5	5.2	6.7	---	---	---
MONTH	26.7	12.5	19.8	19.3	5.2	12.8	14.2	6.7	11.3

Table A23. Specific conductance and water temperature data collected May-November 2001 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data at 15-minute intervals. Shallow and deep data were collected at fixed depths located, respectively, about 0.2 m below the water surface and about 0.2 m above the stream bottom.]

SHALLOW

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAY			JUNE			JULY			AUGUST		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	867	414	548	2460	550	859	14700	8060	10700
2	---	---	---	1560	388	598	2240	834	1300	14200	10400	12800
3	---	---	---	1290	187	441	1420	681	958	14400	13100	13700
4	---	---	---	775	128	212	1130	566	787	15800	11300	13300
5	---	---	---	301	123	146	1180	560	760	16900	11700	13900
6	---	---	---	209	121	143	1570	604	858	15400	12500	13700
7	---	---	---	203	138	159	1000	604	764	14500	13600	14000
8	---	---	---	249	152	194	720	485	581	14600	14100	14300
9	---	---	---	282	194	231	589	332	447	14400	13400	14000
10	---	---	---	260	207	232	373	291	322	14000	13500	13800
11	---	---	---	335	251	290	363	260	309	13900	13400	13600
12	---	---	---	331	261	295	364	272	316	13900	13200	13500
13	---	---	---	335	275	301	360	330	347	13300	12700	13000
14	---	---	---	326	218	261	370	324	349	13100	12300	12700
15	---	---	---	311	242	267	371	310	337	13000	11700	12600
16	---	---	---	440	244	320	336	272	298	23900	12600	13800
17	---	---	---	355	295	324	365	283	314	30800	21300	24100
18	---	---	---	328	225	268	631	324	360	37600	24200	28200
19	---	---	---	302	199	225	2560	439	583	44100	25600	36200
20	---	---	---	274	165	204	6960	879	1610	47400	16700	38000
21	---	---	---	275	164	213	16200	3370	9080	44300	28400	41600
22	---	---	---	481	259	344	33200	10300	20900	42800	24700	37200
23	367	193	216	1550	298	509	38400	10300	28100	41500	35700	39400
24	1050	214	317	9480	298	3250	37400	14800	30100	38100	30300	34600
25	2850	225	595	11300	476	5180	32700	20600	26500	33000	27800	31200
26	3960	364	1070	7730	661	3120	26600	16200	22400	34300	29600	31300
27	3260	498	1100	3590	723	1850	17600	9410	13300	33800	32300	33100
28	10000	647	2230	1320	508	768	14700	12000	13200	33400	22900	30400
29	10000	769	2350	991	569	743	14700	11900	13400	31000	15000	25400
30	2150	551	867	1110	831	926	14000	12200	13000	31700	30100	30900
31	744	566	639	---	---	---	14100	7740	11600	33600	31100	32100
MONTH	10000	193	1040	11300	121	752	38400	260	6900	47400	8060	22800

DAY	SEPTEMBER			OCTOBER			NOVEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	33000	29300	31700	---	---	---	34400	31000	32200
2	31800	29700	30500	---	---	---	33000	32200	32600
3	32200	30900	31500	---	---	---	32800	31700	32200
4	32500	31400	31900	---	---	---	32600	31800	32200
5	32800	31900	32300	---	---	---	33000	30500	31900
6	32800	32000	32400	---	---	---	---	---	---
7	32800	31600	32400	---	---	---	---	---	---
8	33200	32100	32600	---	---	---	---	---	---
9	33500	32200	33000	---	---	---	---	---	---
10	---	---	---	36900	35900	36400	---	---	---
11	---	---	---	36900	36100	36400	---	---	---
12	---	---	---	36800	11300	24600	---	---	---
13	---	---	---	38300	35800	36500	---	---	---
14	---	---	---	43100	27100	37800	---	---	---
15	---	---	---	44800	40200	42400	---	---	---
16	44800	37800	39600	44600	16700	33300	---	---	---
17	47500	43200	45700	44100	18400	34400	---	---	---
18	49200	45200	47800	43500	14800	40900	---	---	---
19	49200	46200	47700	40500	38000	39000	---	---	---
20	47800	44700	46300	38800	18700	32400	---	---	---
21	45900	42700	44400	38700	26800	36500	---	---	---
22	43500	40100	42300	36800	34400	35700	---	---	---
23	41300	37300	39500	35200	33500	34400	---	---	---
24	40100	34200	35700	34800	33800	34300	---	---	---
25	34900	33300	34400	34300	10200	24200	---	---	---
26	38200	32800	35200	34000	24700	33400	---	---	---
27	38200	32300	34800	34200	33600	33900	---	---	---
28	33100	31200	32100	34300	33700	34000	---	---	---
29	32200	30300	31000	34400	33800	34000	---	---	---
30	32100	31200	31600	34400	26700	33900	---	---	---
31	---	---	---	34500	34000	34200	---	---	---
MONTH	49200	29300	36500	44800	10200	34700			

Table A23. Specific conductance and water temperature data collected May-November 2001 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	5250	4140	4750	2790	592	977	21400	13100	17800
2	---	---	---	5000	3570	4560	2710	845	1390	21300	16600	20100
3	---	---	---	4090	3240	3820	1200	681	1040	20700	16700	19400
4	---	---	---	5070	3480	4360	1000	554	824	17800	14600	16200
5	---	---	---	4810	3040	4060	1300	603	924	19300	15000	17200
6	---	---	---	3040	127	1780	1610	662	1030	17700	16200	16800
7	---	---	---	449	136	202	879	643	771	17300	13800	16300
8	---	---	---	339	162	245	795	624	687	14400	13300	13800
9	---	---	---	348	189	263	692	418	544	13300	12900	13100
10	---	---	---	385	207	270	565	340	394	13600	12600	13100
11	---	---	---	379	244	313	567	284	385	12900	12300	12500
12	---	---	---	399	256	320	533	274	411	12600	12100	12400
13	---	---	---	506	315	360	441	317	367	12100	11600	11900
14	---	---	---	376	221	290	432	310	356	11800	11300	11600
15	---	---	---	393	237	322	499	300	386	14100	11400	11700
16	---	---	---	478	249	332	497	274	356	21800	14100	15000
17	---	---	---	467	291	352	354	284	329	28200	20800	22300
18	---	---	---	632	239	378	739	322	352	34300	24400	28200
19	---	---	---	419	211	279	2370	428	569	40400	32800	38600
20	---	---	---	332	177	261	6440	1040	2000	43100	34900	41700
21	---	---	---	322	203	250	15300	6440	13300	41500	37400	39900
22	---	---	---	497	243	344	30700	10000	26400	40100	37400	38600
23	4870	2690	4190	1670	293	682	35400	20500	31600	38200	35800	37000
24	5270	3220	4490	8830	285	6590	34400	27600	32200	37000	34500	35700
25	6240	2850	5340	10600	680	9060	31200	28800	29900	34800	30500	32500
26	10000	4370	6790	8490	2860	6700	29800	26600	28500	36800	27700	33600
27	6620	4940	6290	5240	1770	3220	26600	23400	24800	37000	31700	33900
28	10000	6320	9390	2060	646	1260	25800	23600	24600	32700	29900	31100
29	10000	5760	9540	1010	610	780	25100	23200	24000	31300	29200	30500
30	6980	4570	5810	1030	817	879	23600	21700	22600	31000	28000	29600
31	5800	4450	5320	---	---	---	22300	13500	19300	33400	28800	32100
MONTH	10000	2690	6350	10600	127	1910	35400	274	9400	43100	11300	24000

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	34700	30400	32300	---	---	---	31400	11700	18500
2	33100	29300	30700	---	---	---	32000	23800	30300
3	30700	17300	27500	---	---	---	30100	9790	26400
4	29800	28800	29200	---	---	---	29700	21700	27600
5	30000	29200	29500	---	---	---	30800	14400	21100
6	30100	22000	28700	---	---	---	---	---	---
7	30000	15900	26600	---	---	---	---	---	---
8	30800	20600	28600	---	---	---	---	---	---
9	31000	18600	28600	---	---	---	---	---	---
10	---	---	---	33500	15700	29200	---	---	---
11	---	---	---	33600	16000	28000	---	---	---
12	---	---	---	33700	32800	33200	---	---	---
13	---	---	---	35100	11600	27200	---	---	---
14	---	---	---	39200	17800	30300	---	---	---
15	---	---	---	40500	14500	35600	---	---	---
16	41100	18000	32200	40700	38900	40200	---	---	---
17	43200	40900	42200	41100	37600	39700	---	---	---
18	44700	41300	43900	39800	37200	38100	---	---	---
19	44600	42500	43700	38000	25200	33300	---	---	---
20	43300	40500	42300	35700	34100	35100	---	---	---
21	42200	39600	41000	35800	25800	33700	---	---	---
22	40300	38900	39800	33900	25100	32300	---	---	---
23	39400	38400	38900	33700	16200	31200	---	---	---
24	39600	37300	38300	32500	23600	30600	---	---	---
25	38100	34900	36800	32200	15300	28500	---	---	---
26	38300	35000	36400	32200	17700	24900	---	---	---
27	35600	34100	34800	31400	14300	23000	---	---	---
28	34800	33100	34000	31500	11900	25100	---	---	---
29	35000	30900	33100	31600	17300	22700	---	---	---
30	34700	19000	30000	31500	15100	21600	---	---	---
31	---	---	---	30400	11800	16800	---	---	---
MONTH	44700	15900	34500	41100	11600	30000			

Table A23. Specific conductance and water temperature data collected May-November 2001 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME - Continued.

SHALLOW

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	23.3	15.7	18.9	28.5	22.9	25.2	30.5	18.2	24.7
2	---	---	---	18.8	14.4	16.4	24.1	20.8	22.4	30.0	22.2	25.8
3	---	---	---	14.9	13.4	14.1	23.0	19.5	21.1	31.0	23.3	27.1
4	---	---	---	15.7	12.9	14.3	24.9	19.2	21.8	30.5	23.7	27.0
5	---	---	---	20.2	14.1	16.6	26.6	20.8	23.2	31.0	24.1	27.1
6	---	---	---	19.8	16.5	18.1	28.0	21.8	24.1	30.5	23.3	26.9
7	---	---	---	24.1	17.4	20.3	24.9	20.4	22.6	31.6	24.1	27.8
8	---	---	---	22.6	17.9	20.2	24.9	20.5	22.3	31.0	23.7	27.3
9	---	---	---	23.0	17.9	20.3	21.5	19.8	20.6	31.6	23.7	26.7
10	---	---	---	27.1	18.2	21.8	22.9	19.2	21.0	28.5	24.5	26.5
11	---	---	---	24.9	18.5	21.5	24.9	19.2	22.0	30.0	21.8	25.6
12	---	---	---	20.8	17.4	18.8	26.6	20.1	22.7	24.9	19.8	22.6
13	---	---	---	22.6	16.8	19.0	26.6	19.2	22.6	28.0	20.1	23.1
14	---	---	---	30.5	19.2	23.7	30.5	19.8	24.5	24.1	19.2	21.4
15	---	---	---	29.5	21.8	25.6	29.0	20.4	24.5	29.5	16.2	22.8
16	---	---	---	30.5	24.5	26.7	26.2	20.8	23.3	28.5	18.8	23.4
17	---	---	---	27.1	22.9	24.3	22.2	20.1	21.1	24.5	20.5	22.6
18	---	---	---	27.1	22.6	24.8	26.2	19.5	22.3	27.1	21.5	23.9
19	---	---	---	25.3	21.5	23.3	30.5	19.8	24.5	28.5	23.3	25.3
20	---	---	---	28.0	21.5	24.6	30.5	20.8	25.6	26.1	21.5	22.9
21	---	---	---	28.5	22.9	25.5	31.0	21.5	26.3	22.6	20.1	21.1
22	---	---	---	24.9	20.8	22.3	29.0	23.3	25.8	25.3	20.5	22.9
23	20.8	15.9	18.5	21.8	19.5	20.6	29.0	23.7	25.9	27.5	22.6	24.6
24	23.0	16.5	19.4	21.5	20.1	20.7	29.5	24.5	26.6	28.0	22.6	24.8
25	23.0	16.2	19.4	28.0	20.1	22.9	31.0	25.7	27.9	24.5	19.1	22.1
26	21.2	15.9	18.8	30.5	21.8	25.3	28.4	23.7	26.3	24.9	17.9	21.3
27	17.9	15.9	17.0	30.0	23.3	26.6	27.1	18.2	23.0	24.1	19.2	21.3
28	20.1	15.2	17.3	30.5	24.9	27.4	28.0	19.5	23.3	28.0	19.5	23.4
29	21.5	15.7	18.3	26.2	20.5	23.4	27.1	17.9	22.6	27.5	20.5	23.5
30	20.5	16.8	18.6	27.1	19.2	23.0	28.0	19.2	23.6	27.1	18.5	22.4
31	19.5	14.4	17.2	---	---	---	27.5	20.4	23.5	24.5	19.8	22.1
MONTH	23.0	14.4	18.3	30.5	12.9	21.7	31.0	17.9	23.6	31.6	16.2	24.2

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	24.5	18.8	21.6	---	---	---	8.3	6.3	7.1
2	24.1	15.9	20.0	---	---	---	13.2	8.3	11.2
3	23.0	15.9	19.7	---	---	---	14.7	12.5	13.3
4	21.9	17.4	19.6	---	---	---	12.7	11.3	12.0
5	23.7	18.5	20.8	---	---	---	11.6	9.1	10.2
6	23.7	16.2	19.9	---	---	---	---	---	---
7	24.5	17.4	20.9	---	---	---	---	---	---
8	25.8	18.8	22.3	---	---	---	---	---	---
9	28.0	20.1	23.9	---	---	---	---	---	---
10	---	---	---	13.7	10.3	11.9	---	---	---
11	---	---	---	16.3	10.3	13.2	---	---	---
12	---	---	---	19.2	12.7	15.5	---	---	---
13	---	---	---	16.5	12.9	15.0	---	---	---
14	---	---	---	15.4	12.5	14.0	---	---	---
15	---	---	---	15.7	14.6	15.0	---	---	---
16	19.2	13.2	16.5	16.5	13.4	14.9	---	---	---
17	21.2	14.6	18.3	15.2	12.2	14.4	---	---	---
18	21.5	16.8	19.5	12.2	9.9	11.0	---	---	---
19	20.8	18.2	19.3	12.0	9.8	10.9	---	---	---
20	20.1	17.9	18.7	12.9	10.3	11.6	---	---	---
21	19.2	17.6	18.5	14.4	9.7	12.5	---	---	---
22	21.9	18.9	20.1	14.7	10.1	12.9	---	---	---
23	25.3	20.1	22.3	13.0	7.2	10.4	---	---	---
24	23.0	17.1	20.3	15.7	11.8	13.8	---	---	---
25	20.1	17.9	18.9	15.4	13.4	14.3	---	---	---
26	23.0	17.6	20.4	15.2	11.3	13.2	---	---	---
27	19.8	14.9	17.0	12.7	9.5	11.0	---	---	---
28	17.1	13.6	15.4	10.7	7.0	8.8	---	---	---
29	17.7	11.3	14.2	9.3	5.8	7.7	---	---	---
30	17.7	10.3	13.9	9.7	6.6	8.1	---	---	---
31	---	---	---	7.6	4.3	6.2	---	---	---
MONTH	28.0	10.3	19.2	19.2	4.3	12.1			

Table A23. Specific conductance and water temperature data collected May-November 2001 at station 104 (USGS identifier 442509068181901) Northeast Creek near Bar Harbor, ME - Continued.

DEEP

Temperature, water, degrees Celsius

DAY	MAY			JUNE			JULY			AUGUST		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	---	---	---	20.5	14.9	17.6	25.8	22.6	24.2	28.5	23.3	26.0
2	---	---	---	18.2	14.9	16.4	24.1	20.1	22.2	29.5	24.5	27.4
3	---	---	---	14.9	13.4	14.2	21.9	19.1	20.4	29.5	26.6	28.0
4	---	---	---	15.4	13.4	14.3	23.3	18.8	20.9	30.5	24.9	27.4
5	---	---	---	18.2	13.9	15.8	24.1	20.5	22.3	31.0	26.6	28.3
6	---	---	---	18.9	15.2	17.3	24.9	21.5	23.2	30.5	26.6	28.4
7	---	---	---	22.6	16.8	19.6	24.1	19.8	22.0	30.5	25.7	28.2
8	---	---	---	21.5	17.3	19.6	22.9	20.5	21.7	30.0	24.5	27.2
9	---	---	---	21.5	17.3	19.6	21.8	19.8	20.6	29.0	24.1	26.1
10	---	---	---	23.7	17.9	20.7	21.5	19.2	20.4	28.5	24.9	26.6
11	---	---	---	22.6	18.2	20.6	22.9	19.2	21.1	29.5	22.6	25.5
12	---	---	---	21.1	17.1	18.8	23.0	20.1	21.7	24.9	20.4	22.9
13	---	---	---	20.5	16.8	18.4	23.7	19.2	21.5	26.6	20.8	23.0
14	---	---	---	24.1	18.8	21.4	24.5	19.8	22.4	24.5	20.5	22.4
15	---	---	---	26.6	21.8	24.1	24.9	20.4	22.8	26.2	17.9	22.0
16	---	---	---	30.5	24.1	26.7	24.5	21.1	22.8	25.8	19.5	23.0
17	---	---	---	25.8	22.9	24.1	22.6	20.5	21.3	24.9	21.5	23.0
18	---	---	---	27.1	21.8	24.3	23.3	19.5	21.2	26.2	21.8	23.4
19	---	---	---	24.5	20.4	22.7	24.9	19.8	22.2	27.5	23.7	25.3
20	---	---	---	26.6	20.8	23.5	25.7	20.4	23.5	26.1	23.3	23.8
21	---	---	---	27.1	22.9	25.0	29.0	25.3	26.9	23.3	20.5	20.9
22	---	---	---	24.9	20.8	22.1	28.0	24.9	26.3	24.9	20.8	22.4
23	20.5	15.7	18.3	21.5	19.2	20.5	28.0	23.7	25.7	26.2	22.9	24.6
24	21.2	15.4	18.5	21.1	20.5	20.7	29.0	24.9	26.8	28.0	24.9	25.8
25	21.5	17.9	19.3	23.7	20.1	21.7	29.5	26.1	27.9	26.1	20.8	23.1
26	21.5	17.6	19.2	26.2	22.2	24.2	29.4	28.0	28.5	27.1	20.1	23.7
27	18.2	17.3	17.8	28.5	23.7	25.9	28.4	26.2	27.5	26.1	21.1	23.1
28	18.9	17.1	18.0	30.0	24.9	26.6	29.4	27.0	28.3	23.7	21.5	22.3
29	20.5	16.8	18.4	25.3	20.5	23.0	28.5	26.2	27.6	25.8	22.9	24.0
30	20.1	16.5	18.3	25.7	18.9	21.8	29.0	26.2	27.5	24.9	20.1	22.7
31	19.5	13.6	16.8	---	---	---	27.5	22.9	25.5	24.9	20.1	22.7
MONTH	21.5	13.6	18.3	30.5	13.4	21.0	29.5	18.8	23.8	31.0	17.9	24.6

DAY	SEPTEMBER			OCTOBER			NOVEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	23.7	21.5	22.5	---	---	---	8.3	6.7	7.5
2	23.3	19.2	21.6	---	---	---	13.2	8.3	11.2
3	23.0	17.4	20.3	---	---	---	14.4	12.5	13.4
4	21.9	17.4	19.7	---	---	---	12.7	11.6	12.1
5	24.1	18.5	21.2	---	---	---	11.8	10.1	11.0
6	23.7	16.8	20.2	---	---	---	---	---	---
7	24.5	17.9	20.9	---	---	---	---	---	---
8	25.8	19.2	22.2	---	---	---	---	---	---
9	27.5	20.5	23.5	---	---	---	---	---	---
10	---	---	---	13.7	10.5	12.0	---	---	---
11	---	---	---	16.6	10.3	13.2	---	---	---
12	---	---	---	18.0	12.7	15.1	---	---	---
13	---	---	---	16.2	13.2	15.0	---	---	---
14	---	---	---	15.7	12.9	14.6	---	---	---
15	---	---	---	15.7	14.6	15.3	---	---	---
16	20.2	15.7	17.7	16.0	14.4	15.1	---	---	---
17	21.2	17.3	19.1	15.4	12.5	14.5	---	---	---
18	21.2	17.9	19.5	12.5	10.1	11.3	---	---	---
19	20.8	18.8	19.7	12.9	11.1	11.8	---	---	---
20	20.5	18.5	19.1	13.2	10.7	11.8	---	---	---
21	19.5	18.8	19.1	14.7	12.2	13.5	---	---	---
22	21.5	19.2	20.2	15.2	12.2	13.8	---	---	---
23	24.9	20.8	22.6	13.4	10.5	12.2	---	---	---
24	24.5	21.5	23.3	15.7	12.0	13.9	---	---	---
25	22.6	19.8	21.1	15.4	13.7	14.8	---	---	---
26	22.6	20.5	21.3	15.4	11.6	13.8	---	---	---
27	21.8	19.1	20.7	12.7	9.5	11.0	---	---	---
28	20.1	16.8	18.4	10.9	7.2	8.9	---	---	---
29	19.2	13.6	16.7	9.3	5.8	7.8	---	---	---
30	17.7	10.9	14.3	9.9	6.8	8.2	---	---	---
31	---	---	---	7.8	4.2	6.2	---	---	---
MONTH	27.5	10.9	20.2	18.0	4.2	12.4			

Table A24. Specific conductance and water temperature data collected May-November 2001 at station 105 (USGS identifier 442516068175501) Northeast Creek near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data at 15-minute intervals. Shallow and deep data were collected at fixed depths located, respectively, about 0.2 m below the water surface and about 0.2 m above the stream bottom.]

SHALLOW

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY	
1	---	---	---	144	128	133	161	123	132
2	---	---	---	196	128	137	147	130	137
3	---	---	---	132	99	111	149	137	144
4	---	---	---	100	89	95	145	133	139
5	---	---	---	93	87	91	142	128	135
6	---	---	---	96	87	92	147	119	131
7	---	---	---	709	88	187	134	124	130
8	---	---	---	114	97	107	139	119	128
9	---	---	---	138	105	117	133	118	125
10	---	---	---	137	113	121	129	116	123
11	---	---	---	157	122	137	124	114	119
12	---	---	---	149	131	140	122	112	116
13	---	---	---	169	128	143	124	117	122
14	---	---	---	159	122	140	136	122	128
15	---	---	---	145	130	139	136	124	129
16	---	---	---	151	135	142	131	122	126
17	---	---	---	162	133	144	130	118	126
18	---	---	---	161	118	136	135	116	124
19	---	---	---	121	101	112	170	121	130
20	---	---	---	119	100	105	211	132	156
21	---	---	---	112	102	107	410	181	274
22	174	109	120	130	109	123	2090	220	865
23	119	106	113	179	116	137	6750	403	3000
24	130	113	119	179	118	135	16400	1440	7730
25	140	118	128	167	108	125	14500	3660	7190
26	145	122	134	162	110	125	11100	4660	6870
27	153	139	145	134	103	121	---	---	---
28	160	125	141	126	117	122	---	---	---
29	207	124	140	146	122	136	---	---	---
30	156	124	132	138	126	132	---	---	---
31	136	122	130	---	---	---	---	---	---
MONTH	207	106	130	709	87	126	16400	112	1100

DEEP

Specific conductance, water, microsiemens per centimeter at 25 degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY	
1	---	---	---	137	119	127	138	104	113
2	---	---	---	188	123	131	142	123	131
3	---	---	---	129	97	110	140	116	128
4	---	---	---	97	86	92	139	113	124
5	---	---	---	90	84	88	138	116	127
6	---	---	---	93	84	89	133	111	119
7	---	---	---	105	86	94	127	111	121
8	---	---	---	106	94	99	125	102	112
9	---	---	---	112	96	103	115	102	111
10	---	---	---	129	99	111	123	112	117
11	---	---	---	132	111	121	118	105	114
12	---	---	---	144	120	130	113	103	107
13	---	---	---	149	119	129	116	107	111
14	---	---	---	136	116	125	125	112	119
15	---	---	---	137	109	122	123	119	120
16	---	---	---	138	113	128	121	115	117
17	---	---	---	133	122	126	120	111	114
18	---	---	---	153	117	131	122	111	114
19	---	---	---	117	97	107	140	115	123
20	---	---	---	104	93	98	190	131	153
21	---	---	---	123	96	104	377	164	234
22	145	95	110	122	101	111	3410	181	1810
23	116	100	109	162	102	125	16300	1550	11700
24	127	101	117	174	100	135	20600	12600	18900
25	135	108	122	171	110	133	22200	18800	21000
26	134	109	124	156	110	121	23600	21800	22700
27	146	112	137	126	104	114	---	---	---
28	151	116	136	120	104	110	---	---	---
29	197	113	131	134	115	125	---	---	---
30	134	114	124	137	120	126	---	---	---
31	132	115	126	---	---	---	---	---	---
MONTH	197	95	124	188	84	116	23600	102	3030

Table A24. Specific conductance and water temperature data collected May-November 2001 at station 105 (USGS identifier 442516068175501) Northeast Creek near Bar Harbor, ME - Continued.

SHALLOW

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY	
1	---	---	---	22.6	14.7	18.1	29.5	22.6	25.2
2	---	---	---	18.6	13.4	15.8	24.1	20.2	22.1
3	---	---	---	13.9	12.7	13.3	23.0	18.6	20.7
4	---	---	---	15.2	13.0	13.9	25.3	18.9	21.5
5	---	---	---	18.3	13.9	16.0	27.1	20.1	23.1
6	---	---	---	18.9	15.2	17.1	26.2	21.2	23.4
7	---	---	---	21.9	16.5	18.9	26.2	19.5	22.4
8	---	---	---	23.0	16.5	19.8	24.1	19.8	21.7
9	---	---	---	23.0	16.5	19.7	20.8	18.9	19.7
10	---	---	---	24.9	16.8	20.4	21.5	18.3	19.8
11	---	---	---	24.5	16.8	20.4	23.3	18.0	20.4
12	---	---	---	19.8	16.5	17.5	26.2	18.9	21.6
13	---	---	---	25.3	16.3	19.8	27.1	18.6	22.4
14	---	---	---	29.5	18.3	23.2	28.0	19.2	23.4
15	---	---	---	32.1	21.2	26.1	27.1	19.2	22.8
16	---	---	---	29.0	23.0	25.3	25.8	19.5	21.9
17	---	---	---	27.1	21.2	23.3	20.8	18.9	19.8
18	---	---	---	24.9	21.5	22.9	24.9	18.6	21.1
19	---	---	---	25.8	19.8	22.6	28.0	18.9	23.2
20	---	---	---	30.0	21.2	24.8	29.5	20.5	24.4
21	---	---	---	27.5	22.2	24.3	30.5	21.9	24.9
22	21.5	14.7	17.9	23.7	19.8	21.4	28.5	22.6	25.0
23	21.2	15.2	18.1	20.8	19.2	20.0	29.5	23.0	25.6
24	21.2	14.9	18.1	21.2	19.5	20.2	30.5	24.1	26.6
25	22.6	15.2	18.7	28.0	19.8	22.8	30.5	24.5	27.2
26	22.6	15.7	19.0	29.5	21.5	24.7	27.1	22.2	24.8
27	18.0	15.4	16.7	31.6	23.0	26.5	---	---	---
28	18.9	14.9	16.4	28.0	23.7	25.4	---	---	---
29	21.5	15.2	18.1	23.7	20.2	21.9	---	---	---
30	19.5	16.5	18.0	29.0	18.9	23.4	---	---	---
31	19.5	14.2	16.8	---	---	---	---	---	---
MONTH	22.6	14.2	17.8	32.1	12.7	21.0	30.5	18.0	22.9

DEEP

Temperature, water, degrees Celsius

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY	
1	---	---	---	20.2	14.9	17.4	24.9	22.2	23.8
2	---	---	---	18.9	13.7	16.2	24.1	20.5	22.4
3	---	---	---	13.9	12.7	13.4	21.9	18.6	20.2
4	---	---	---	15.2	13.0	14.0	23.3	18.9	20.8
5	---	---	---	18.6	13.9	16.0	23.7	20.8	21.9
6	---	---	---	18.9	15.4	17.3	24.1	21.2	22.7
7	---	---	---	20.5	16.5	18.3	24.1	19.2	21.8
8	---	---	---	21.2	16.5	18.9	23.0	20.1	21.3
9	---	---	---	20.8	16.0	18.6	21.2	19.2	19.9
10	---	---	---	21.9	16.8	19.3	21.2	18.6	19.9
11	---	---	---	22.2	17.1	19.8	22.6	18.6	20.1
12	---	---	---	20.5	16.8	18.0	23.0	19.2	20.8
13	---	---	---	21.5	16.3	18.3	24.1	19.2	21.5
14	---	---	---	23.4	18.3	20.8	24.1	20.1	22.2
15	---	---	---	27.5	21.2	23.8	23.3	20.2	22.1
16	---	---	---	29.0	23.3	25.6	23.7	20.1	21.8
17	---	---	---	24.1	21.5	23.0	21.5	19.8	20.5
18	---	---	---	24.5	21.2	22.9	23.0	18.9	20.4
19	---	---	---	24.1	19.5	22.0	23.4	19.2	21.2
20	---	---	---	26.2	20.5	23.3	24.5	20.8	22.7
21	---	---	---	25.3	22.2	23.6	24.5	21.2	23.2
22	20.5	14.2	17.1	23.7	20.1	21.5	25.8	23.0	24.2
23	19.8	15.4	17.7	20.5	18.9	19.6	27.1	24.1	25.7
24	20.8	14.4	17.8	20.8	19.5	20.0	28.5	25.8	26.9
25	20.5	15.4	17.8	23.7	19.8	21.3	29.5	26.6	28.0
26	21.9	15.2	18.5	24.9	21.2	23.1	29.0	28.0	28.5
27	18.6	15.2	16.9	27.5	22.6	24.7	---	---	---
28	17.7	14.9	16.3	26.6	23.3	24.8	---	---	---
29	19.8	14.9	17.3	24.1	20.8	21.7	---	---	---
30	19.2	16.3	17.8	24.9	19.2	21.6	---	---	---
31	19.2	14.2	16.7	---	---	---	---	---	---
MONTH	21.9	14.2	17.4	29.0	12.7	20.3	29.5	18.6	22.5

Appendix 3

Stage data at stations 101 and 103

Table A25. Stage data collected May-December 2000 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data collected at 15-minute intervals.]

GAGE HEIGHT, IN FEET

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	3.64	2.45	2.70	---	---	---
2	---	---	---	---	---	---	3.63	2.54	2.79	---	---	---
3	---	---	---	---	---	---	3.76	2.61	2.87	---	---	---
4	---	---	---	3.58	2.69	2.91	3.72	2.64	2.90	---	---	---
5	---	---	---	3.51	2.62	2.87	3.70	2.65	2.90	---	---	---
6	---	---	---	3.24	2.58	2.78	3.29	2.64	2.78	---	---	---
7	---	---	---	3.30	2.56	2.85	2.93	2.51	2.64	---	---	---
8	---	---	---	2.96	2.69	2.78	2.57	2.33	2.42	2.12	2.05	2.08
9	---	---	---	2.77	2.55	2.64	2.33	2.17	2.24	2.11	2.02	2.04
10	---	---	---	2.55	2.42	2.47	---	---	---	2.04	1.99	2.02
11	---	---	---	2.49	2.40	2.42	---	---	---	2.03	1.97	1.99
12	---	---	---	2.46	2.37	2.41	---	---	---	2.08	1.95	1.98
13	---	---	---	2.42	2.33	2.37	---	---	---	2.20	1.96	1.99
14	---	---	---	2.38	2.27	2.33	---	---	---	2.26	1.98	2.03
15	---	---	---	2.41	2.25	2.29	---	---	---	2.26	2.01	2.06
16	---	---	---	2.43	2.25	2.30	---	---	---	2.30	2.05	2.10
17	---	---	---	2.44	2.25	2.32	---	---	---	2.39	2.05	2.13
18	2.97	2.68	2.74	2.35	2.27	2.30	---	---	---	2.24	2.02	2.07
19	2.99	2.84	2.88	2.34	2.22	2.27	---	---	---	2.16	2.01	2.05
20	2.94	2.75	2.83	2.27	2.18	2.21	---	---	---	2.11	2.02	2.05
21	2.82	2.64	2.71	2.21	2.13	2.17	---	---	---	2.06	2.02	2.04
22	2.66	2.56	2.61	2.24	2.13	2.21	---	---	---	2.04	1.98	2.00
23	2.62	2.55	2.59	2.24	2.16	2.19	---	---	---	2.07	1.94	1.98
24	2.90	2.62	2.68	2.16	2.10	2.13	---	---	---	2.25	1.97	2.01
25	3.15	2.90	3.04	2.10	2.05	2.08	---	---	---	2.49	2.00	2.08
26	3.18	3.14	3.16	2.08	2.05	2.06	---	---	---	2.90	2.03	2.18
27	3.14	3.02	3.07	2.24	2.03	2.07	---	---	---	3.27	2.16	2.35
28	3.02	2.87	2.94	2.56	2.06	2.15	---	---	---	3.39	2.26	2.48
29	2.87	2.72	2.80	3.10	2.17	2.34	---	---	---	3.39	2.34	2.56
30	2.72	2.60	2.67	3.45	2.36	2.58	---	---	---	3.40	2.39	2.61
31	---	---	---	---	---	---	---	---	---	3.28	2.37	2.60
MONTH	3.18	2.55	2.82	3.58	2.03	2.39	3.76	2.17	2.69	3.40	1.94	2.15

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER	
1	3.07	2.35	2.53	2.48	2.19	2.27	3.06	2.96	3.03	3.31	3.12	3.22
2	2.72	2.27	2.39	2.34	2.11	2.17	3.06	2.98	3.03	3.13	2.96	3.03
3	2.50	2.20	2.29	2.35	2.04	2.12	2.98	2.84	2.91	2.96	2.80	2.87
4	2.34	2.17	2.22	2.10	2.01	2.05	2.84	2.69	2.77	2.80	2.67	2.73
5	2.17	2.06	2.10	2.01	1.96	1.98	2.69	2.62	2.65	2.67	2.58	2.61
6	2.06	2.00	2.03	2.22	1.97	2.10	2.62	2.59	2.61	2.59	2.52	2.55
7	2.00	1.96	1.98	2.25	2.20	2.23	2.59	2.54	2.56	2.52	2.45	2.48
8	1.96	1.93	1.95	2.20	2.12	2.16	2.54	2.48	2.51	2.45	2.37	2.41
9	1.93	1.90	1.91	2.21	2.11	2.14	2.70	2.45	2.53	2.56	2.33	2.38
10	1.90	1.88	1.89	2.32	2.21	2.29	3.02	2.66	2.76	2.49	2.27	2.32
11	1.89	1.86	1.87	2.30	2.23	2.26	3.24	2.69	2.82	3.54	2.24	2.61
12	2.03	1.84	1.87	2.24	2.18	2.20	3.28	2.66	2.81	4.41	2.51	2.99
13	2.13	1.92	1.95	2.24	2.15	2.19	3.25	2.62	2.78	3.21	2.73	2.86
14	2.20	1.99	2.02	2.44	2.16	2.24	3.39	2.59	2.80	3.70	2.60	2.87
15	2.48	2.07	2.19	2.42	2.19	2.28	3.36	2.78	2.93	2.95	2.73	2.79
16	2.67	2.22	2.35	2.42	2.17	2.24	2.98	2.80	2.85	2.80	2.65	2.70
17	2.42	2.15	2.24	2.39	2.13	2.22	2.96	2.72	2.78	3.53	2.66	3.12
18	2.24	2.07	2.12	2.46	2.14	2.22	2.73	2.60	2.66	3.87	3.52	3.74
19	2.19	2.03	2.06	2.63	2.22	2.39	2.60	2.50	2.54	3.87	3.70	3.79
20	2.27	2.01	2.06	2.47	2.34	2.39	2.60	2.47	2.51	3.97	3.66	3.71
21	2.41	1.99	2.09	2.43	2.26	2.31	2.66	2.57	2.60	3.83	3.61	3.73
22	2.18	2.00	2.06	2.30	2.22	2.25	2.78	2.60	2.64	3.61	3.37	3.49
23	2.41	2.00	2.07	2.26	2.17	2.20	2.76	2.58	2.62	3.37	3.15	3.26
24	2.58	2.11	2.18	2.27	2.16	2.19	2.74	2.50	2.56	3.15	2.96	3.05
25	2.96	2.16	2.31	2.52	2.18	2.26	2.66	2.43	2.49	2.96	2.81	2.89
26	3.24	2.33	2.52	2.61	2.26	2.38	2.94	2.39	2.53	2.82	2.67	2.74
27	3.25	2.46	2.66	2.76	2.31	2.45	3.65	2.94	3.36	2.67	2.58	2.62
28	3.24	2.48	2.66	2.91	2.33	2.51	3.74	3.65	3.71	2.81	2.54	2.59
29	2.90	2.38	2.55	2.74	2.37	2.48	3.70	3.52	3.61	2.55	2.47	2.50
30	2.67	2.27	2.40	2.67	2.33	2.49	3.52	3.31	3.42	2.52	2.44	2.46
31	---	---	---	2.96	2.60	2.77	---	---	---	2.62	2.47	2.52
MONTH	3.25	1.84	2.18	2.96	1.96	2.27	3.74	2.39	2.81	4.41	2.24	2.89

Table A26. Stage data collected May-November 2001 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data collected at 15-minute intervals.]

GAGE HEIGHT, IN FEET

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JANUARY			FEBRUARY			MARCH			APRIL	
1	2.64	2.56	2.61	2.26	2.21	2.22	2.43	2.36	2.40	3.05	3.00	3.03
2	2.64	2.59	2.62	2.23	2.22	2.22	2.44	2.30	2.34	3.05	2.96	3.00
3	2.59	2.51	2.55	2.44	2.22	2.25	---	2.26	---	2.96	2.87	2.91
4	2.51	2.44	2.47	2.35	2.20	2.23	2.30	2.21	2.25	2.89	2.83	2.85
5	2.45	2.39	2.42	2.66	2.20	2.34	2.60	2.22	2.29	2.95	2.82	2.87
6	2.89	2.38	2.51	2.96	2.25	2.37	3.61	2.21	2.56	3.15	2.92	2.98
7	3.08	2.42	2.52	3.43	2.23	2.44	3.20	2.33	2.57	3.28	3.00	3.07
8	3.45	2.38	2.62	3.68	2.25	2.53	3.58	2.27	2.56	3.40	3.06	3.11
9	4.03	2.46	2.82	4.25	2.32	2.74	3.88	2.22	2.66	3.45	3.10	3.17
10	3.94	2.63	2.89	4.10	2.59	2.93	4.04	2.35	2.71	3.56	3.22	3.27
11	4.20	2.62	2.93	2.78	2.66	2.70	3.32	2.32	2.53	3.45	3.28	3.33
12	3.71	2.60	2.80	2.90	2.64	2.69	3.04	2.19	2.38	---	---	---
13	3.47	2.56	2.74	2.99	2.61	2.67	3.12	2.17	2.39	---	---	---
14	2.95	2.50	2.62	2.71	2.56	2.59	3.24	2.27	2.43	---	---	---
15	2.62	2.37	2.46	2.87	2.58	2.69	2.45	2.28	2.30	---	---	---
16	2.74	2.29	2.39	2.73	2.71	2.72	2.35	2.32	2.33	---	---	---
17	2.38	2.23	2.27	2.82	2.72	2.74	2.35	2.32	2.33	---	---	---
18	---	---	---	2.72	2.68	2.70	2.34	2.32	2.33	---	---	---
19	---	---	---	2.68	2.61	2.65	2.47	2.34	2.38	---	---	---
20	---	---	---	2.61	2.58	2.59	2.64	2.47	2.53	---	---	---
21	---	---	---	2.79	2.57	2.60	2.75	2.64	2.68	---	---	---
22	---	---	---	2.59	2.52	2.56	3.15	2.75	2.84	---	---	---
23	---	---	---	2.90	2.49	2.55	3.33	3.01	3.18	---	---	---
24	---	---	---	2.50	2.43	2.46	3.46	3.33	3.39	---	---	---
25	---	---	---	2.64	2.39	2.42	3.44	3.37	3.41	3.33	3.09	3.16
26	2.44	2.14	2.20	2.74	2.42	2.48	3.37	3.24	3.29	3.24	2.91	3.02
27	2.75	2.12	2.25	2.47	2.44	2.45	3.25	3.08	3.14	3.10	2.75	2.87
28	2.29	2.13	2.17	2.47	2.42	2.44	3.08	2.93	2.99	3.01	2.65	2.76
29	2.13	2.09	2.11	---	---	---	2.93	2.83	2.87	2.72	2.53	2.60
30	2.15	2.08	2.10	---	---	---	2.83	2.71	2.78	2.56	2.44	2.49
31	2.28	2.15	2.20	---	---	---	3.08	2.75	2.90	---	---	---
MONTH	4.20	2.08	2.49	4.25	2.20	2.53	7.20	2.17	2.66	3.56	2.44	2.97

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	2.69	2.42	2.55	2.55	2.30	2.39	2.78	2.12	2.25	2.26	2.00	2.06
2	2.69	2.50	2.59	2.89	2.34	2.44	2.52	2.14	2.26	2.22	1.99	2.05
3	2.54	2.38	2.46	3.16	2.67	2.76	2.48	2.12	2.22	2.30	1.99	2.04
4	2.67	2.36	2.43	3.15	2.80	2.88	2.59	2.12	2.21	2.30	2.00	2.06
5	2.86	2.41	2.53	3.08	2.73	2.84	2.65	2.14	2.23	2.25	1.98	2.05
6	2.76	2.40	2.54	3.08	2.63	2.75	2.67	2.16	2.27	2.10	1.94	1.99
7	2.69	2.34	2.47	2.93	2.47	2.62	2.45	2.14	2.21	2.06	1.93	1.96
8	2.70	2.31	2.44	2.71	2.34	2.47	2.34	2.14	2.19	1.99	1.88	1.92
9	2.65	2.27	2.40	2.56	2.27	2.37	2.32	2.14	2.20	1.95	1.89	1.92
10	2.61	2.26	2.38	2.39	2.22	2.28	2.21	2.12	2.15	1.91	1.86	1.89
11	2.50	2.23	2.32	2.23	2.16	2.19	2.16	2.10	2.12	1.89	1.84	1.86
12	2.34	2.16	2.25	2.22	2.16	2.20	2.10	2.06	2.08	1.84	1.80	1.82
13	2.21	2.13	2.16	2.23	2.21	2.22	2.07	2.05	2.06	1.81	1.78	1.79
14	2.13	2.08	2.10	2.22	2.18	2.20	2.05	2.05	2.05	1.87	1.78	1.79
15	2.11	2.08	2.09	2.18	2.13	2.15	2.05	2.05	2.05	2.10	1.78	1.82
16	2.21	2.08	2.13	2.14	2.08	2.11	2.08	2.05	2.05	2.56	1.83	1.95
17	2.21	2.19	2.20	2.10	2.08	2.08	2.25	2.05	2.07	3.12	2.04	2.25
18	2.20	2.14	2.17	2.52	2.10	2.35	2.56	2.05	2.11	3.47	2.24	2.50
19	2.42	2.15	2.26	2.63	2.36	2.44	2.97	2.10	2.24	3.62	2.38	2.66
20	2.48	2.42	2.44	2.70	2.31	2.41	3.34	2.21	2.40	3.58	2.52	2.77
21	2.49	2.39	2.43	2.94	2.26	2.40	3.45	2.34	2.55	3.38	2.57	2.80
22	2.68	2.35	2.41	2.94	2.28	2.45	3.59	2.44	2.69	3.18	2.54	2.74
23	2.75	2.35	2.46	3.16	2.39	2.57	3.59	2.48	2.75	2.98	2.43	2.60
24	2.80	2.35	2.50	3.28	2.43	2.65	3.46	2.48	2.75	2.70	2.28	2.41
25	2.88	2.33	2.50	3.14	2.42	2.61	3.14	2.47	2.64	2.42	2.17	2.24
26	2.78	2.31	2.45	2.87	2.35	2.50	2.87	2.39	2.52	2.23	2.08	2.13
27	2.80	2.30	2.47	2.64	2.29	2.38	2.46	2.21	2.31	2.20	2.04	2.08
28	2.74	2.33	2.48	2.48	2.18	2.29	2.27	2.12	2.18	2.12	2.02	2.05
29	2.84	2.43	2.60	2.41	2.16	2.24	2.18	2.06	2.10	2.09	1.99	2.03
30	2.75	2.50	2.56	2.44	2.12	2.21	2.18	2.02	2.07	2.11	1.97	2.01
31	2.53	2.36	2.45	---	---	---	2.23	2.02	2.06	2.18	1.96	2.01
MONTH	2.88	2.08	2.39	3.28	2.08	2.42	3.59	2.02	2.26	3.62	1.78	2.14

Table A26. Stage data collected May-November 2001 at station 101 (USGS identifier 01022820) Northeast Creek at Route 3 bridge near Bar Harbor, ME - .Continued.

GAGE HEIGHT, IN FEET

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	2.16	2.01	2.07	2.19	1.96	2.01	2.05	1.99	2.03
2	2.14	2.01	2.05	2.14	2.05	2.09	2.18	2.02	2.09
3	2.15	1.99	2.03	2.16	2.06	2.10	2.30	2.06	2.15
4	2.09	1.99	2.02	2.25	2.07	2.13	2.35	2.08	2.18
5	2.04	1.97	1.98	2.22	2.08	2.12	2.56	2.12	2.25
6	1.97	1.93	1.95	2.45	2.06	2.20	2.32	2.14	2.21
7	1.96	1.90	1.92	2.19	2.09	2.13	---	---	---
8	1.91	1.88	1.89	2.10	2.01	2.04	---	---	---
9	1.88	1.86	1.87	2.02	1.96	1.98	---	---	---
10	1.86	1.83	1.84	1.97	1.94	1.95	---	---	---
11	1.84	1.80	1.82	1.99	1.92	1.95	---	---	---
12	1.91	1.79	1.83	2.11	1.94	1.99	---	---	---
13	2.21	1.81	1.91	2.64	2.02	2.16	---	---	---
14	2.51	1.93	2.06	2.97	2.23	2.45	---	---	---
15	2.87	2.10	2.27	3.03	2.44	2.64	---	---	---
16	3.22	2.30	2.51	3.26	2.47	2.71	---	---	---
17	3.38	2.44	2.67	3.66	2.67	2.90	---	---	---
18	3.42	2.56	2.81	2.97	2.55	2.69	---	---	---
19	3.35	2.63	2.81	2.88	2.39	2.53	---	---	---
20	3.19	2.57	2.72	2.79	2.32	2.45	---	---	---
21	2.93	2.47	2.59	2.38	2.21	2.28	---	---	---
22	2.63	2.32	2.44	2.21	2.10	2.14	---	---	---
23	2.32	2.16	2.23	2.10	2.04	2.08	---	---	---
24	2.16	2.07	2.11	2.04	2.02	2.03	---	---	---
25	2.14	2.05	2.08	2.03	2.00	2.02	---	---	---
26	2.14	2.09	2.11	2.02	1.98	2.00	---	---	---
27	2.09	2.04	2.06	1.99	1.95	1.97	---	---	---
28	2.05	2.00	2.02	1.97	1.94	1.95	---	---	---
29	2.02	1.98	1.99	1.95	1.92	1.94	---	---	---
30	---	---	---	1.94	1.89	1.92	---	---	---
31	---	---	---	2.01	1.91	1.93	---	---	---
MONTH	3.42	1.79	2.16	3.66	1.89	2.18	2.56	1.99	2.15

Table A27. Stage data collected September -November 2000 at station 103 (USGS identifier 442507068185301) Northeast Creek near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data collected at 15-minute intervals.]

	GAGE HEIGHT, IN FEET								
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	---	---	---	---	---	---	1.68	1.56	1.64
2	---	---	---	---	---	---	1.71	1.60	1.66
3	---	---	---	---	---	---	1.60	1.47	1.55
4	---	---	---	---	---	---	1.47	1.35	1.40
5	---	---	---	---	---	---	1.35	1.26	1.30
6	---	---	---	---	---	---	1.26	1.19	1.23
7	---	---	---	---	---	---	1.24	1.15	1.19
8	---	---	---	---	---	---	1.17	1.10	1.13
9	---	---	---	---	---	---	1.26	1.04	1.15
10	---	---	---	---	---	---	1.47	1.23	1.32
11	---	---	---	---	---	---	1.61	1.26	1.38
12	---	---	---	0.93	0.76	0.82	1.62	1.24	1.37
13	---	---	---	0.97	0.74	0.82	1.59	1.19	1.33
14	---	---	---	1.09	0.72	0.85	1.64	1.17	1.36
15	---	---	---	0.96	0.78	0.86	1.73	1.38	1.50
16	---	---	---	0.96	0.73	0.82	1.53	1.40	1.44
17	---	---	---	0.95	0.72	0.81	1.51	1.33	1.39
18	---	---	---	1.01	0.69	0.79	1.33	1.18	1.24
19	---	---	---	1.17	0.86	0.98	1.18	1.06	1.11
20	---	---	---	1.03	0.90	0.97	1.18	1.03	1.09
21	---	---	---	1.08	0.85	0.92	1.25	1.16	1.20
22	---	---	---	0.89	0.78	0.84	1.31	1.17	1.22
23	---	---	---	0.92	0.74	0.79	1.30	1.14	1.20
24	---	---	---	1.02	0.73	0.81	1.25	1.07	1.13
25	---	---	---	1.06	0.73	0.86	1.18	1.02	1.06
26	---	---	---	1.14	0.85	1.00	1.58	1.00	1.15
27	---	---	---	1.22	0.89	1.04	2.32	1.58	2.03
28	---	---	---	1.33	0.95	1.10	---	---	---
29	---	---	---	1.24	0.95	1.06	---	---	---
30	---	---	---	1.20	0.91	1.06	---	---	---
31	---	---	---	1.56	1.17	1.34	---	---	---
MONTH	---	---	---	1.56	0.69	0.93	2.32	1.00	1.32

Table A28. Stage data collected May -November 2001 at station 103 (USGS identifier 442507068185301) Northeast Creek near Bar Harbor, ME [Data are presented as minimum, mean and maximum daily values of continuous data collected at 15-minute intervals.]

GAGE HEIGHT, IN FEET

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1	---	---	---	---	---	---	2.67	2.26	2.39	2.40	2.28	2.34
2	---	---	---	---	---	---	2.54	2.30	2.40	2.38	2.27	2.33
3	---	---	---	---	---	---	2.50	2.27	2.37	2.44	2.27	2.34
4	---	---	---	---	---	---	2.55	2.27	2.39	2.41	2.26	2.33
5	---	---	---	---	---	---	2.63	2.32	2.43	2.38	2.25	2.31
6	---	---	---	---	---	---	2.55	2.33	2.44	2.34	2.22	2.28
7	---	---	---	---	---	---	2.45	2.31	2.39	2.30	2.19	2.25
8	---	---	---	---	---	---	2.46	2.31	2.39	2.26	2.15	2.19
9	---	---	---	---	---	---	2.43	2.32	2.37	2.28	2.16	2.19
10	---	---	---	---	---	---	2.40	2.29	2.34	2.17	2.14	2.15
11	---	---	---	---	---	---	2.41	2.28	2.34	2.19	2.09	2.13
12	---	---	---	---	---	---	2.38	2.24	2.29	2.09	2.06	2.08
13	---	---	---	---	---	---	2.32	2.22	2.25	2.13	2.03	2.06
14	---	---	---	---	---	---	2.35	2.20	2.23	2.08	2.03	2.04
15	---	---	---	---	---	---	2.28	2.19	2.22	2.24	2.03	2.09
16	---	---	---	---	---	---	2.29	2.19	2.21	2.59	2.10	2.23
17	---	---	---	---	---	---	2.36	2.20	2.24	3.03	2.32	2.48
18	---	---	---	---	---	---	2.58	2.26	2.35	3.27	2.56	2.76
19	---	---	---	---	---	---	2.89	2.35	2.51	3.39	2.70	2.92
20	---	---	---	---	---	---	3.13	2.51	2.67	3.40	2.81	3.01
21	---	---	---	---	---	---	3.30	2.65	2.83	3.33	2.88	3.05
22	---	---	---	2.87	2.28	2.45	3.34	2.75	2.94	3.24	2.85	3.02
23	---	---	---	2.99	2.48	2.61	3.28	2.80	2.99	3.13	2.75	2.91
24	---	---	---	2.95	2.55	2.68	3.17	2.80	2.97	2.92	2.57	2.72
25	---	---	---	2.87	2.54	2.68	3.13	2.70	2.88	2.65	2.45	2.53
26	---	---	---	2.82	2.43	2.60	2.93	2.59	2.73	2.48	2.38	2.42
27	---	---	---	2.65	2.35	2.50	2.63	2.46	2.54	2.46	2.34	2.37
28	---	---	---	2.52	2.34	2.41	2.47	2.37	2.43	2.45	2.34	2.39
29	---	---	---	2.46	2.30	2.35	2.39	2.31	2.35	2.41	2.35	2.38
30	---	---	---	2.47	2.29	2.37	2.37	2.30	2.33	2.40	2.32	2.35
31	---	---	---	---	---	---	2.39	2.29	2.33	2.45	2.30	2.35
MONTH	---	---	---	2.99	2.28	2.52	3.34	2.19	2.47	3.40	2.03	2.42

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBER			OCTOBER			NOVEMBER	
1	2.49	2.36	2.42	2.54	2.34	2.40	2.50	2.44	2.48
2	2.44	2.36	2.40	2.54	2.45	2.50	2.63	2.50	2.56
3	2.44	2.33	2.37	2.56	2.47	2.50	2.75	2.55	2.64
4	2.41	2.34	2.37	2.63	2.49	2.54	2.80	2.59	2.68
5	2.38	2.30	2.34	2.60	2.48	2.53	2.95	2.60	2.74
6	2.32	2.27	2.29	2.78	2.47	2.60	2.82	2.67	2.72
7	2.33	2.25	2.27	2.60	2.49	2.54	---	---	---
8	2.28	2.22	2.25	2.49	2.41	2.45	---	---	---
9	2.27	2.20	2.22	2.41	2.36	2.38	---	---	---
10	2.23	2.19	2.21	2.36	2.33	2.35	---	---	---
11	2.22	2.16	2.20	2.39	2.32	2.35	---	---	---
12	2.25	2.16	2.20	2.49	2.35	2.39	---	---	---
13	2.47	2.19	2.26	2.87	2.42	2.54	---	---	---
14	2.72	2.31	2.42	3.17	2.63	2.83	---	---	---
15	3.02	2.48	2.62	3.25	2.84	3.02	---	---	---
16	3.27	2.67	2.85	3.40	2.88	3.07	---	---	---
17	3.40	2.83	3.01	3.61	3.06	3.26	---	---	---
18	3.46	2.96	3.15	3.26	2.92	3.08	---	---	---
19	3.44	3.03	3.17	3.13	2.77	2.90	---	---	---
20	3.34	2.95	3.08	3.07	2.71	2.83	---	---	---
21	3.17	2.85	2.97	2.77	2.62	2.68	---	---	---
22	2.98	2.73	2.84	2.62	2.50	2.56	---	---	---
23	2.73	2.55	2.64	2.50	2.44	2.46	---	---	---
24	2.55	2.46	2.51	2.46	2.44	2.45	---	---	---
25	2.53	2.44	2.46	2.47	2.43	2.45	---	---	---
26	2.54	2.48	2.52	2.45	2.42	2.44	---	---	---
27	2.48	2.41	2.45	2.42	2.40	2.41	---	---	---
28	2.42	2.39	2.41	2.40	2.36	2.39	---	---	---
29	2.40	2.36	2.38	2.38	2.35	2.37	---	---	---
30	2.37	2.35	2.36	2.39	2.35	2.37	---	---	---
31	---	---	---	2.44	2.35	2.37	---	---	---
MONTH	3.46	2.16	2.52	3.61	2.32	2.58	2.95	2.44	2.64

Appendix 4

Stage-discharge rating for station 101

Table A29. Stage-discharge relation for station 101 (USGS identifier (01022820) Northeast Creek at Rt 3 bridge near Bar Harbor, ME

[The stage-discharge rating for station 101 is only applicable for positive flow (outflow). Although the stage-discharge ratings can change over time, the rating for this site was stable during the study period. The reference mark used to determine this rating is a chiseled square on top of the upstream right wing wall (facing upstream) on the route 3 bridge. The orifice line for the gage was 60 feet upstream and southeast of bridge reference mark. An assumed gage datum of 12.00 feet was used to develop this rating, therefore the gage height values shown here do not correspond to actual NGVD 29 altitudes (For example, a pool stage of 2.00 ft is 10 ft below the reference mark).]

Gage Height, feet	Discharge, cubic feet per second	Gage Height, feet	Discharge, cubic feet per second
1.80	0.15	2.60	15.0
1.86	0.3	2.80	23.8
1.90	0.5	3.00	34.5
1.95	0.8	3.30	55.0
2.00	1.1	3.60	80.0
2.06	1.6	4.00	120
2.12	2.3	4.50	182
2.19	3.3		
2.23	4.0		
2.28	5.0		
2.32	6.0		
2.40	8.2		

Prepared by the Pembroke Publishing Service Center

For more information concerning the research in this report, contact:
Robert M. Lent, Director
U.S. Geological Survey
Maine Water Science Center
196 Whitten Rd.
Augusta, ME 04330

or visit our Web site at:
http://me.water.usgs.gov

Caldwell, J.M., and Culbertson, C.W.—**Hydrologic Data Summary for the Northeast Creek/Fresh Meadow Estuary, Acadia National Park, Maine, 2000–2001**—USGS Open-File Report 2007–1035