

Prepared in cooperation with the National Park Service

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



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).

By James M. Caldwell and Charles W. Culbertson

Prepared in cooperation with the National Park Service

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

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

Multiply	Ву	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 <sup>2</sup> )	.3861	square mile (mi <sup>2</sup> )
	Volume	
milliliter (mL)	.0338	fluid ounce
liter (L)	.2642	gallon
cubic meter (m <sup>3</sup> )	8.110 x 10 <sup>-4</sup>	acre-foot
cubic meter (m <sup>3</sup> )	35.31	cubic foot
	Mass	
milligram (mg)	3.527 x 10 <sup>-8</sup>	ounce
kilogram (kg)	2.205	pound
kilogram per square kilometer per year (kg/km <sup>2</sup> /yr)	5.710	pound per square mile per year
	Flow rate	
cubic foot per second (ft <sup>3</sup> /s)	.02832	cubic meter per second

# **Conversion Factors, Datum, and Other Abbreviations**

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

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

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 ( $\mu$ S/cm at 25°C).

Concentrations of chemical constituents in water are given either in milligrams per liter (mg/L) or in micrograms per liter ( $\mu$ g/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

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 waterquality 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-

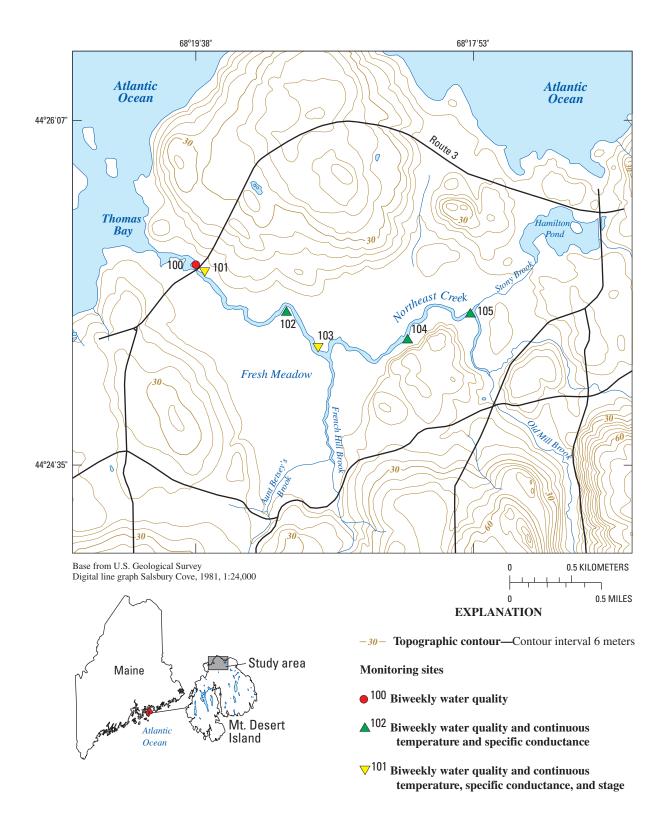


Figure 1. Location of the Northeast Creek-Fresh Meadow study area, Acadia National Park, Maine.

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 waterquality 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<sup>2</sup>), Old Mill Brook (2.37 mi<sup>2</sup>), Aunt Betsy's Brook (0.63 mi<sup>2</sup>), and French Hill Brook  $(0.54 \text{ mi}^2)$ . The three intermittent streams have a combined drainage area of 1.31 mi<sup>2</sup>. The Northeast Creek/Fresh Meadow wetland has an area of 0.71 mi<sup>2</sup>; the surface area of

Northeast Creek itself is estimated to be  $0.05 \text{ mi}^2$  (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-Dornstyle 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.

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

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

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 =  $0.7 \,\mu$ m) 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 <sub>4</sub> )	0.2
00955	Silica, dissolved (mg/L as SiO <sub>2</sub> )	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 <sub>4</sub> )	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.

Constituent	Storage temper- ature (degrees Celsius)	Maximum storage time prior to analysis (days)	Analytical method	Reference		
Ammonium <sup>1</sup>	4	28	Colorimetry at 660 nm using an autoanalyzer	Morrison (1989)		
Chlorophyll-a <sup>2</sup>	-40	28	Fluorimetry. See report for further details	Hohm-Hansen and others (1965); Lorenzen (1967)		
Dissolved anions <sup>1</sup>	4	28	Ion Chromatography EPA Method 300.0	U.S. Environmental Protection Agency (1984, 1993)		
Dissolved cations <sup>1</sup>	4	28	Ultrasonic nebulization and inductively coupled plasma with mass spectroscopy detection	U.S. Environmental Protection Agency (1979)		
Dissolved inorganic carbon <sup>1</sup>	4	5	EPA persulfate method 415.1, and infrared, direct injection method 13.0	U.S. Environmental Protection Agency (1979; 1987)		
Dissolved organic carbon <sup>1</sup>	4	5	EPA persulfate method 415.1, and infrared, direct injection method 13.0	U.S. Environmental Protection Agency (1979; 1987)		
Dissolved silica <sup>1</sup>	4	28	Colorimetry, using standard method $4500-SiO_2$	American Public Health Association and others (1998)		
Nitrate plus Nitrite <sup>1,3</sup>	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)		

[EPA, Environmental Protection Agency; nm, nanometer]

<sup>1</sup>Samples filtered through 0.45 micron Nuclepore polycarbonate filter.

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

<sup>3</sup>Samples acidified with H<sub>2</sub>SO<sub>4</sub> 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* concentrations 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 midsummer, 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

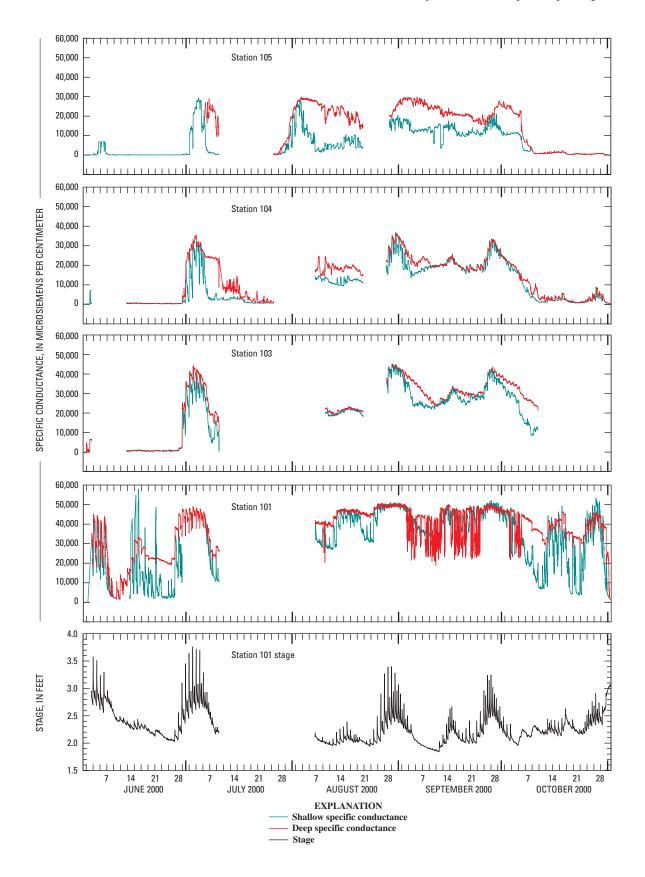
Dissolved inorganic nitrogen (DIN) species concentrations (nitrate and ammonia) generally were below the reporting limit for nitrate (0.01 mg/L), and at or below the reporting limit for ammonia (0.05 mg/L). Some elevated ammonia concentrations (0.06–0.6 mg/ L) however, were detected at the downstream sites (stations 100–103, fig. 4), with the greatest values gener-

ally 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).

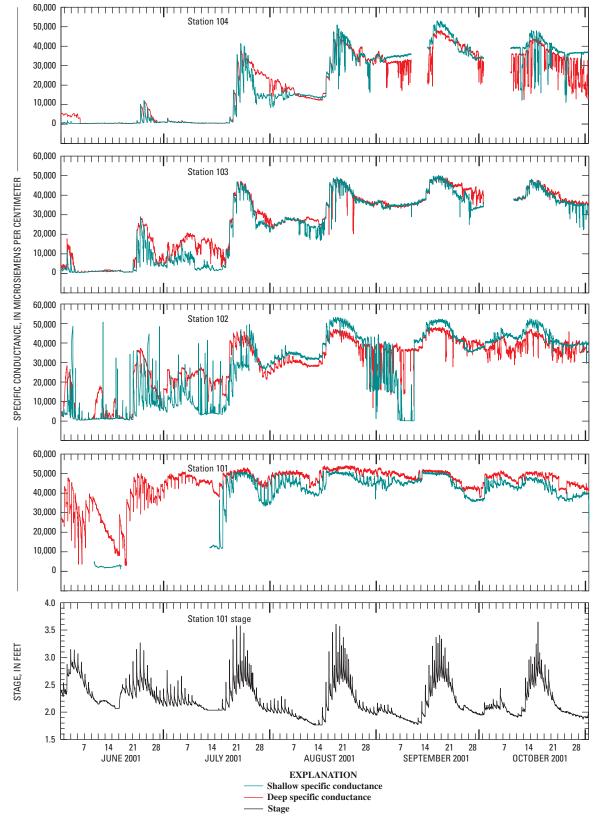
Chlorophyll-*a* concentrations showed a similar seasonal distribution to that observed for total nitrogen and total phosphorus. A mid-June to early-July peak (18.2–34.9 µg/L) was observed at stations 101–105, with the greatest value (34.9 µg/L) occurring at station 103, Aunt Betsy's Brook (fig. 4). A 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  $0.2^{\circ}$ C at station 105 on November 25 and the maximum was  $31^{\circ}$ C at station 103 on August 11. During the same period, the minimum specific conductance was  $16 \,\mu$ S/cm on May 21 at station 104 and the maximum was 53,500  $\mu$ S/cm on October 28 at station 101.

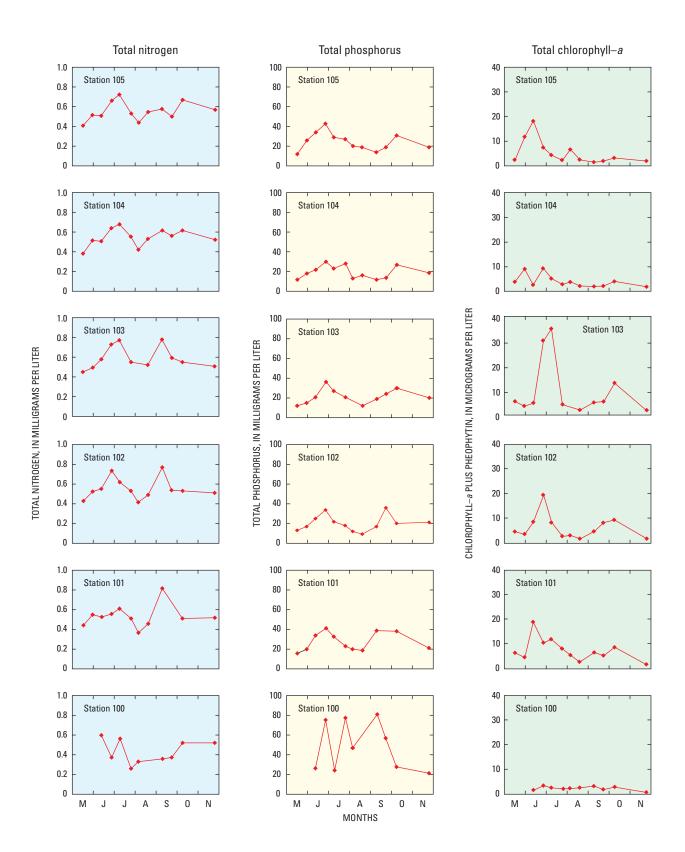


**Figure 2.** Continuous specific conductance and stage at selected sites during June–October 2000 in the Northeast Creek-Fresh Meadow estuary, Acadia National Park, Maine.

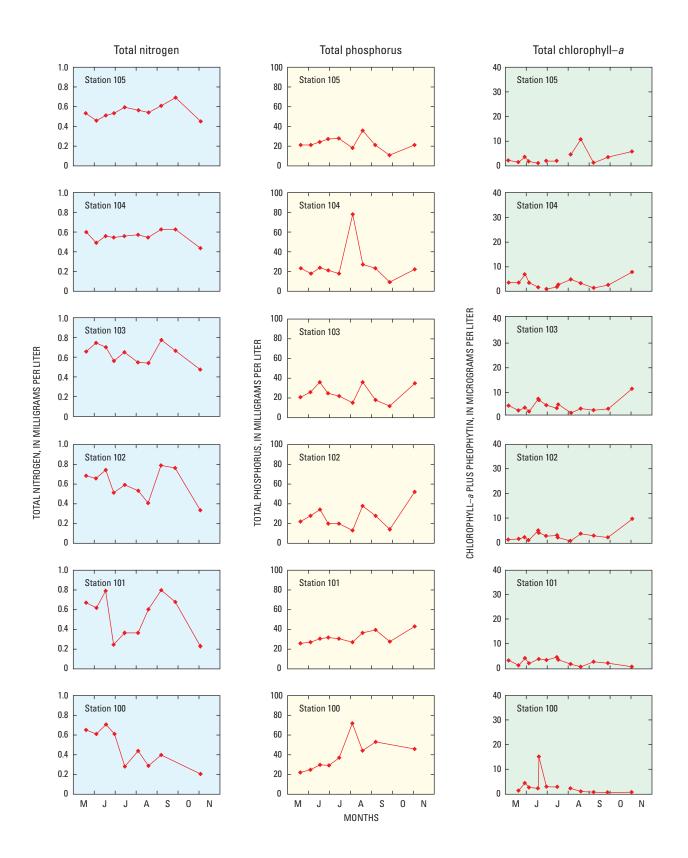
8



**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  $2.7^{\circ}$ C at station 102 on October 31, and the maximum was  $34.5^{\circ}$ C at station 101 on June 15. During the same period at station 101, the minimum recorded specific conductance was  $84 \,\mu$ S/cm on June 5 and the maximum was  $53,900 \,\mu$ S/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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
JUN 2000 14	1020	.30	757	9.3	103	7.8	32400	13.9
28 JUL	0800	.10	756	5.9	73	7.3	42800	17.0
11 27 AUG	0815 0750	.10 .20	754 772	4.4 4.3	52 53	7.1 7.3	36800 47000	16.4 16.8
07 22 SEP	1740 1625	.30 .30	758 770	7.0 10.6	90 151	7.6 8.1	46300 47800	18.6 24.6
12 12 25	1100 1115 1015	.60 .50 .30	752 752 761	11.6 10.6 6.6	148 137 76	7.8 7.8 7.5	50900 50900 50100	16.7 17.2 12.1
OCT 11 NOV	1115	.40	754	9.9	98	7.5	41700	6.9
29	1245	.20	758	9.1	69	6.0	157	3.3
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)
JUN 2000 14 28	1030 0755	42.0 255	142 780	38.5 251	954 6230	2040 3000	.480 .290	267 1660
JUL 11 27	0800 0745	127 331	388 957	131 309	3390 8250	5280 15300	.360 .240	768 1870
AUG 07 22	1730 1620	285 339	852 1020	302 333	7640 9500	24200 17900	.200	4730 2520
SEP 12 25	1050 1010	373 342	1150 1050	395 381	9190 8610	26900 16700	.230 .160	2580 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)		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)
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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
MAY 2000								
17 31 31 31 31 JUN	1935 1519 1521 1522 1524	.50 .00 .30 .50 .70	760 768 768 768 768	8.1 8.8 8.8 8.8 8.6	84 97 97 94 90	6.1 6.4 6.3 6.3 6.3	304 273 275 312 418	17.3 20.6 20.5 18.7 17.8
13	1730	.00	768	7.6	84	6.5	1310	20.9
13 14 14 28 28	1730 1735 1220 1225 0900 0905	.00 .60 .10 .50 .10 .90	768 768 757 757 756 756	7.8 6.9 7.5 7.0 6.2	84 86 78 84 92 83	6.5 6.8 6.6 7.0 7.1 7.5	1310 13500 1410 14700 31100 38600	20.9 18.4 20.4 18.3 22.5 22.1
JUL 10 26 26	1715 1720 1635 1638	.00 .60 .00 1.5	751 751 770 770	9.0 5.4 10.3 9.4	116 69 133 127	7.4 7.2 8.5 7.9	10400 27000 4050 25100	25.8 22.1 28.8 26.9
AUG 07 10 10 21 21	1625 1630 1650 1653 1733 1735	.10 .40 1.3 .20 .30 1.3	758 758 754 754 765 765	7.9 2.8 12.6 11.0 14.1 15.2	103 40 181 156 190 207	8.3 7.5 8.2 8.7 9.1 8.2	31100 41000 44500 30500 37400 49200	22.8 26.4 24.9 27.5 23.4 21.5
SEP 11 11 25 25	1715 1720 1730 1733	.30 1.0 .20 .70	768 768 761 761	11.9 15.7 12.6 12.5	154 227 158 149	8.8 8.3 8.2 8.1	34800 44200 45400 49000	22.2 26.3 17.6 14.4
OCT 11 11	1745 1746	.10 1.2	754 754	11.2 .9	98 11	7.0 7.0	8800 45500	7.6 17.5
NOV 28 28	1620 1625	.00 .60	758 758	11.3 10.9	84 81	5.8 5.8	111 112	2.9 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)	fltrd,	fltrd, mg/L	fltrd,		,
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	1 - 1 - 0	0.67		0.7.0		10000	0.4.0	1
11	1710	267	792	270	7020	13200	.040	1720
25	1720	285	906	300	7920	15500	.100	3920
OCT	1700	105	250	1.0.1	0070	F ( 0 0	1 4 7	750
11	1730	125	352	121	2870	5600	1.47	758
NOV	1015		1 07	1 51	17 (	22.0	0 50	C 0
28	1615	2.53	1.87	1.51	17.6	23.0	2.52	6.0

Date	Time	Ammonia water, fltrd, mg/L (71846)	fltrd, mg/L	•	Phos- phorus, water,	Total nitro- gen, water, unfltrd mg/L (00600)	carbon, water, fltrd,	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	1710	.02	0.0	000	22.0	C1	11 0	C 0	A6.30
10 26	1710 1645	.02	.00	.000 5.10	33.0 23.0	.61 .52	11.0	6.0 5.0	A6.30 A5.00
AUG	1045	.01	.00	5.10	23.0	• 52		5.0	A3.00
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	1720	0.2	0.0	0 40	20.0	E 1	0 0	2 7	74 00
11 NOV	1730	.02	.00	8.40	38.0	.51	9.0	3.7	A4.80
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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
MAY 2000 17 31 31 JUN	1855 1401 1402 1403	.50 .10 .30 .60	760 768 768 768	8.2 8.8 8.9 8.9	85 94 94 93	6.1 6.3 6.3 6.3	195 286 284 287	17.4 18.5 18.5 18.1
03 03 13 13 14 14 28 28	1300 1305 1700 1705 1155 1200 0930 0935	.10 .40 .10 .20 .50 .00 .40	760 768 768 757 757 756 756	8.1 8.7 7.6 6.7 6.9 5.1 4.4	94 95 84 73 74 62 52	6.9 7.3 6.4 6.3 6.3 6.7 6.6	15700 38700 936 946 1050 1060 1510 2410	19.5 15.7 20.2 20.1 19.6 18.4 24.3 22.8
JUL 10 26 26	1615 1620 1612 1613	.00 .50 .00 .60	751 751 770 770	8.2 7.3 8.3 8.7	103 97 111 108	6.7 6.8 6.8 6.8	10000 25300 3550 12900	24.4 24.3 30.2 24.6
AUG 07 10 21 SEP	1555 1600 1630 1634 1659 1700	.10 .30 .50 .10 .20 1.1	758 758 754 754 765 765	6.1 4.7 9.8 9.8 11.7 12.8	79 64 141 136 152 170	7.1 6.7 7.7 8.3 8.8 8.3	25400 31900 32500 23500 25900 32000	22.9 25.7 27.6 27.4 24.3 24.2
11 11 25 25	1630 1635 1628 1629	.30 1.1 .20 .70	768 768 761 761	11.2 10.9 9.2 9.4	144 160 112 117	8.7 8.0 8.0 8.1	28900 41300 34700 41500	23.1 27.8 18.6 18.1
11 11 NOV	1620 1622	.10 .90	754 754	10.8 4.7	94 57	6.9 7.1	7300 38200	7.9 17.5
28 28	1540 1545	.00 .60	758 758	11.6 11.0	87 82	5.8 5.8	90 90	3.0 3.0

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

Date	Time	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)	,	water,		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 JUL	0855	12.6	31.0	8.44	313	494	.520	62.0
10	1710	112	304	83.0	2690	5880	.920	624
26	1615	27.0	69.9	20.0	582	114	.340	145
AUG	1010	27.0	0.5.5	20.0	002	±± ±	•010	110
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	LOID	TOO	203	TUZ	21/0	4440	1.00	005
28	1535	2.44	1.50	1.34	14.2	18.0	2.66	5.0

Date	Time	Ammonia water, fltrd, mg/L (71846)	fltrd, mg/L as N		Phos- phorus, water, unfltrd mg/L (00665)	gen, water, unfltrd	mg/L		
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	1710	0.0	0.0	000	22.0	60	0 0	7 0	
10	1710 1615	.02	.00	.000	22.0 18.0	.62	8.9	7.3 9.6	A4.60 A1.50
26 AUG	1012	.01	.00	3.70	18.0	.53		9.6	A1.50
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	1000				3.00	• 19	0.0	2.0	112,20
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	1 5 3 5	0.0		4 50	01 0	<b>F</b> 1	1 0	14 7	7 600
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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, 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	1 - 0 0	0.0	7.5.1	0 1	0.0	<i>c</i>	7600	00 5
10	1530	.00	751	8.1	99	6.4	7600	23.5
10	1535	.60	751 770	5.2 9.0	71 116	6.7 6.9	32900 2870	24.4
26 26	1525 1526	.00 .40	770	9.0 9.6	110	6.9 6.4	2870 5410	28.6 26.3
AUG	1920	.40	//0	9.0	119	0.4	3410	20.3
10	1549	.10	754	9.1	128	8.0	23800	27.9
10	1550	.40	754	8.5	120	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)	fltrd, mg/L	sium, water, fltrd, mg/L	water, fltrd, mg/L	fltrd, mg/L	fltrd, mg/L	water, fltrd, mg/L
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	1 4 5 0	01 5	0.00	00 6	1000	41.0.0	1 0 4	5.00
11	1450	91.5	266	83.6	1890	4100	1.84	562
NOV	1 4 2 0	2 40	1 1 7	1 10	10 4	14 0	2 50	E O
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 nearBar Harbor, ME - Continued.

Date	Time	Ammonia water, fltrd, mg/L (71846)	fltrd,		Phos-		fltrd,	water, fltrd, mg/L	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	1 = 4 0			1 0 0	10.0	5.0	<i>c</i> 0	~ ~	-1 - 60
21	1540	.00	.00	1.00	12.0	.52	6.3	3.2	A1.60
SEP	1 - 4 -	07	22.0	2 00	10.0	70	10 7	2 2	70 70
11	1545	.07	22.6	3.90	19.0	.78	10.7	3.3	A3.70
25 OCT	1510	.09	.00	3.70	24.0	.59	10.0	2.7	A3.60
11	1450	.05	.00	6.40	30.0	.55	8.3	4.8	A6.40
NOV	T400	.05	.00	0.40	50.0		0.0	4.0	A0.40
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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, 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 28	1550 1030	.30 .10	768 757	8.1 5.0	83 59	6.3 6.2	473 251	17.2 23.4
28	1035	.10	757	4.4	51	6.3	340	22.0
JUL	1000	• 10	101	1.1	51	0.0	510	22.0
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 AUG	1420	.50	770	14.9	196	7.8	18000	26.8
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	1505	.30	768	8.0	98	8.5	21200	22.2
11 11	1505 1510	.30	768	10.5	98 140	8.3	21200 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
20	1000	.00	100	10.9	02	0.0	57	5.5
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	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	1 - 0 0	1 - 4	4.6.2	1	2000	10000	0.4.0	1050
11 25	1500 1355	154 132	463 399	155 130	2960 2970	10200 6120	.040 .080	1050 835
OCT	TJJJ	TAC	נפנ	T 0 0	2970	6120	.000	000
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)	,	Phos- phorus, water, unfltrd mg/L (00665)		,	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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen,	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
		(000000)	(00020)	(00000)	(00001)	(00100)	(00050)	(00010)
MAY 2000 17 31 31 31	1700 1133 1136 1137	.50 .20 .30 .50	760 768 768 768	8.1 7.5 7.5 7.6	83 75 74 74	5.9 6.2 6.1 6.1	59 65 65 69	16.6 15.6 15.5 15.0
JUN 13 28 28	1430 1050 1055	.20 .10 .50	768 756 756	7.1 3.1 1.3	74 36 14	6.2 6.0 5.8	122 112 133	17.7 21.9 19.2
JUL 10 26 26	1300 1305 1255 1300	.00 .50 .00 .50	751 751 770 770	5.0 3.4 5.0 3.3	57 40 60 36	6.0 5.9 6.0 5.8	6 10100 344 3360	20.8 21.0 24.8 20.5
AUG 07 07 10 10 10 22 22 SEP	1410 1412 1415 1250 1255 1257 1258 1510 1512	.00 .20 .40 .10 .20 .40 .40 .20 .60	758 758 754 754 754 754 754 754 770 770	5.4 4.3 2.1 6.2 5.6 5.4 5.6 8.3 6.8	63 54 30 74 77 79 101 85	6.0 5.9 6.4 6.3 6.1 6.2 6.7 6.3	4710 10100 27600 5390 26500 23200 5300 12600	22.3 24.3 27.6 27.3 27.8 28.7 28.4 25.0 24.7
11 11 25 25	1355 1400 1315 1318	.30 .90 .20 .50	768 768 761 761	6.5 8.7 8.1 12.6	79 129 90 160	7.7 8.2 6.8 7.5	14900 28800 10700 17700	22.7 31.6 18.3 24.5
OCT 11 11	1310 1313	.00	754 754	8.7 5.9	72 51	6.5 6.2	642 3650	6.5 7.7
NOV 28 28	1300 1305	.00	758 758	11.0 10.9	83 82	5.8 5.8	61 61	3.3 3.3
Date	Time	Calcium water, fltrd, mg/L (00915)	Magnes- ium, water, fltrd, mg/L (00925)		Sodium, water, fltrd, mg/L (00930)			
MAY 2000 17 31	1650 1130	2.40	 .84	 .23	 7.61	12.0 12.0	 .970	3.0 2.0
JUN 13 28	1425 1045	3.38 3.80	2.08 1.81	.55	18.2 15.0	31.0 24.0	1.11 1.20	4.0 2.0
JUL 10 26 AUG	1255 1310	7.95 5.34	11.3 7.30		99.0 74.7	17.0 114	2.12 1.04	21.0 14.0
07 21 SEP	1405 1415	121 40.1	322 105	95.0 32.8	2950 976	5280 1630	.820 .850	802 232
11 25 OCT	1350 1310	109 74.3	327 214	106 68.3	2250 1820	5600 	.070 .230	653 461
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 nearBar 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)	carbon, water,	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	1055	~ -	~~		10.0			14.0	-1 00
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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, 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	.50	756	7.4	83	6.5	6830	19.7
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	1405	.10	/45	12.1	100	0.0	50200	20.1
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)	water, fltrd,	fltrd,	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	Phos- phorus,	Total nitro- gen, water, unfltrd mg/L (00600)	Chloro- phyll a fluoro- metric 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	0040	< 500	10		<f 0.0<="" td=""><td>4 00</td><td><u> </u></td><td><b>C1</b></td><td><b>7</b>2 0C</td></f>	4 00	<u> </u>	<b>C1</b>	<b>7</b> 2 0C
03	0940	<.500	.12		<5.00	4.90	29.0	.61	A3.06
18 AUG	1150	<.500	.16		<5.00	23.0	37.0	.28	A2.92
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	1100		• 15		<0.00	52.0	11.0	•29	111.01
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

### Bi-weekly water-quality data, all stations 27

**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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, 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 1035	.30 .60	756 756	5.1 5.5	63 71	6.5 6.6	4540 28700	24.5 22.3
21 JUL	1033	.00	/50	5.5	/ 1	0.0	20700	22.5
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	1050	4.0	745	10.0	1 - 1	7 0	40000	05 7
07 07	1359 1400	.40 1.3	745 745	10.0 9.3	151 133	7.8 8.0	49200 50100	25.7 22.3
SEP	1400	1.5	/45	9.5	100	0.0	20100	22.5
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
	1000	±••	,	-0.0	±0,		10200	J • ±

Date	Time	Silica, water, fltrd, mg/L (00955)	water, fltrd, mg/L	fltrd, mg/L as N	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	phorus, water,	Total nitro- gen, water, unfltrd mg/L (00600)	Chloro- phyll a fluoro- metric 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	1 6 0 0	1 0 0	. 10			F 00	07.0	60	30 15
06	1620 1715	1.00 1.20	<.10 <.10		<5.00 <5.00	5.20 7.10	27.0 31.0	.62 .79	A2.15 A4.03
20 JUL	1/13	1.20	<.10		<3.00	7.10	51.0	• 19	A4.03
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	1000	<.500	. 50	<3.00		0.50	40.0	.00	A2.05
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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, 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 1645	.20	762 762	7.4	98 82	6.5	611 645	30.5
20 JUL	1645	.70	162	6.6	82	6.5	645	26.2
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	1 - 0 0			10.0			0	
10	1700	.20	756 756	10.3	147	8.2	37900	26.2
10 OCT	1701	. 70	/56	10.3	147	8.2	38200	25.9
01	1557	.20	759	9.8	126	7.6	42200	19.3
01	1600	.20	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)	fltrd,	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)		water,	Chloro- phyll a fluoro- metric 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	1530	<.500	<.10		<5.00	6.00	20.0	.52	A2.85
02 18	1600	<.500	<.10		<5.00	6.00 4.30	20.0	.52	A2.85 A3.19
AUG	1000	<.500	<.10		<3.00	4.50	20.0	• 5 5	A3.19
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
00	1000	<.500	• 2 2		<3.00	2.00	52.0	.54	A9.03

### Bi-weekly water-quality data, all stations 29

**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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, 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					= 0			
06	1530	.10	756 756	7.0	79	6.1	355	20.5
06 20	1535 1609	.90 .20	756 762	7.0 7.5	78 98	6.1 6.5	357 534	20.5 29.1
20	1610	.20	762	6.3	72	6.5	591	22.0
JUL	1010	• 3 0	, 02	0.0		0.0	001	22.0
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 AUG	1530	.80	763	2.1	28	6.6	24600	26.1
07	1315	1.5	745	4.5	72	6.9	43200	30.3
SEP	1010	1.0	, 10	1.0	, 2	0.9	10200	30.3
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 NOV	1457	.80	759	6.9	97	7.4	47700	22.8
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	fltrd, mg/L as N	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)			Chloro- phyll a fluoro- metric 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									- 4 - 5 - 5
06	1520	1.20	<.10		<5.00	4.50	26.0	.75	A1.57
20 JUL	1600	1.00	<.10		<5.00	8.00	36.0	.70	A6.83
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	1 60 0	( 500	1 7	<b>4F</b> 0.0		0 70	10.0	70	
10 OCT	1600	<.500	.17	<5.00		2.70	18.0	.78	A2.09
01	1450	<.500	.17		<5.00	1.40	12.0	.66	A2.67
NOV	1100		• ± /			T.10	12.0	.00	112 • 0 /
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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf uS/cm 25 degC (00095)	Temper- ature, 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	1415	.50	755	11.2	127	7.3	1110	20.8
18	1410	.20	763	8.2	96	6.9	284	23.5
18	1443	.60	763	4.1	45	6.4	447	20.0
AUG	2110		,		10	011		2010
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	1000	1.0		10.0	110		01000	
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)	water,	fltrd, mg/L as N	Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	phorus, water,	Total nitro- gen, water, unfltrd mg/L (00600)	Chloro- phyll a fluoro- metric 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	1000		. 10			0.10	01 0		
02	1330	<.500	<.10		<5.00	2.10	21.0	.54	A.890
18 AUG	1430	<.500	<.10		<5.00	2.60	18.0	.56	A1.74
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	1100	1.00	• ± 1		<0.00	5.00	27.0	• • • •	113.27
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

### Bi-weekly water-quality data, all stations 31

**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	Sam- pling depth, meters (00098)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)	pH, water, unfltrd field, std units (00400)		Temper- ature, 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 JUL	1352	.70	762	7.8	90	6.2	96	22.4
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	1247	.20	759	12.9	119	7.4	34600	17.4
NOV	1240	.20	159	10.0	119	/ • 4	54000	1/.4
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)	water,		Nitrite + nitrate water fltrd, mg/L as N (00631)	Ortho- phos- phate, water, fltrd, mg/L as P (00671)	phorus, water, unfltrd mg/L	water,	Chloro- phyll a fluoro- metric 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					-				- 4 . 6 4
06	1340	1.00	<.10		<5.00	2.90	21.0	.46	A1.81
20 JUL	1340	1.70	<.10		<5.00		24.0	.51	A1.00
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	1000		. 10	<f 0.0<="" td=""><td></td><td>1 00</td><td>01 0</td><td><b>C</b>1</td><td></td></f>		1 00	01 0	<b>C</b> 1	
10 OCT	1330	<.500	<.10	<5.00		1.90	21.0	.61	A1.13
01	1240	<.500	.15		<5.00	1.40	11.0	.69	A3.60
NOV	1210		•10		<3.00	1.40	±±•0	.05	110.00
06	1100	<.500	<.10		5.10	1.60	21.0	.45	A5.90

Magnes- Potas-

**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].

Chlor-

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)
		4425300681	193901 No	ortheast C	reek moni	toring st	ation 100	
JUL 2000 27 <b>27</b>	0745 <b>0745</b>	331 <b>336</b>	957 <b>991</b>	309 <b>363</b>	8250 <b>8100</b>	15300 <b>15400</b>	.240 . <b>220</b>	1870 <b>1970</b>
		01022820	Nort	heast Cre	ek monito:	ring stat:	ion 101	
JUL 2000 10 <b>10</b>	1710 <b>1710</b>	146 <b>143</b>	417 <b>410</b>	124 <b>124</b>	3950 <b>3890</b>	7280 <b>7210</b>	.510 . <b>520</b>	878 <b>859</b>
		4425170683	190501 No	ortheast C	Creek moni	toring st	ation 102	
JUN 2000 28 <b>28</b>	0855 <b>0855</b>	12.6 <b>12.3</b>	31.0 <b>30.2</b>	8.44 8.43	313 <b>307</b>	494 <b>501</b>	.520 . <b>560</b>	62.0 <b>62.0</b>
AUG 07 <b>07</b>	1550 <b>1550</b>	172 <b>175</b>	486 <b>493</b>	149 <b>148</b>	4420 <b>4490</b>	11600 <b>9380</b>	.290 . <b>310</b>	1320 <b>1330</b>
SEP 11 11	1625 <b>1625</b>	230 <b>235</b>	676 <b>688</b>	224 <b>227</b>	6180 <b>6350</b>	11400 <b>11700</b>	.160 . <b>170</b>	1790 <b>1850</b>
NOV 28 <b>28</b>	1535 <b>1535</b>	2.44 2.45	1.50 1.51	1.34 1.34	14.2 <b>14.5</b>	18.0 <b>21.0</b>	2.66 2.65	5.0 6.0
		4425070683	185301 No	ortheast C	Creek moni	toring st	ation 103	
JUL 2000 10 <b>10</b>	1525 <b>1525</b>	125 <b>125</b>	341 <b>341</b>	106 <b>106</b>	2980 <b>2980</b>	5500 <b>5530</b>	1.46 1.44	68.0 <b>69.0</b>
26 <b>26</b> OCT	1530 <b>1530</b>	25.1 <b>24.9</b>	62.7 <b>62.5</b>	17.4 <b>17.1</b>	610 <b>610</b>	105 <b>104</b>	.390 . <b>390</b>	132 <b>132</b>
11 11	1450 <b>1450</b>	91.5 <b>92.7</b>	266 <b>266</b>	83.6 <b>86.1</b>	1890 <b>1870</b>	4100 <b>4100</b>	1.84 1.85	562 <b>566</b>
		4425090683	181901 No	ortheast C	reek moni	toring st	ation 104	
MAY 2000 31 <b>31</b> JUN	1215 <b>1215</b>	2.62 2.62	1.32 1.30	.40 . <b>40</b>	11.9 <b>11.7</b>	19.0 <b>19.0</b>	.990 . <b>940</b>	3.0 3.0
28 28 AUG	1025 <b>1025</b>	4.48 <b>4.52</b>	4.23 <b>4.26</b>	1.29 1.30	41.9 <b>41.7</b>	64.0 <b>64.0</b>	1.00 . <b>990</b>	6.0 6.0
07 07	1515 <b>1515</b>	119 <b>116</b>	313 <b>312</b>	93.2 <b>92.2</b>	2960 <b>2950</b>	5080 <b>4900</b>	.570 . <b>580</b>	792 <b>797</b>
21 21 SEP	1530 <b>1530</b>	90.8 <b>89.6</b>	241 <b>236</b>	71.6 <b>74.3</b>	2140 <b>2200</b>	3920 <b>3740</b>	.070 .060	547 <b>552</b>
25 <b>25</b>	1355 <b>1355</b>	132 133	399 <b>401</b>	130 <b>132</b>	2970 <b>3000</b>	6120 <b>6020</b>	.080 . <b>060</b>	835 <b>797</b>
		442516068	175501 N	ortheast	Creek mon:	itoring st	ation 10	5
JUN 2000 13 <b>13</b>	1425 <b>1425</b>	3.38 <b>3.37</b>	2.08 2.07	. 55 . <b>55</b>	18.2 <b>18.2</b>	31.0 <b>31.0</b>	1.11 1.15	4.0 <b>4.0</b>
AUG 21 <b>21</b>	1415 <b>1415</b>	40.1 <b>39.3</b>	105 <b>103</b>	32.8 <b>32.7</b>	976 <b>977</b>	1630 <b>1640</b>	.850 . <b>850</b>	232 <b>226</b>
SEP 25 25	1310 <b>1310</b>	74.3 <b>75.3</b>	214 <b>218</b>	68.3 <b>69.9</b>	1820 <b>1820</b>	3300	.230 . <b>230</b>	461 <b>538</b>
NOV 28 28	1255 <b>1255</b>	2.99 <b>3.02</b>	1.07 1.07	. 92 . <b>92</b>	8.73 <b>8.65</b>		2.69 2.73	5.0 <b>5.0</b>

**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	fltrd, mg/L as N	water, fltrd, mg/L as P	Phos- phorus, water, unfltrd mg/L	gen, water,	ganic carbon, water, fltrd, mg/L	Organic carbon, water, fltrd,	metric
		442530068	193901 N	lortheast	Creek mon	itoring s	tation 10	00	
JUN 2000 14 <b>14</b>	1030 <b>1030</b>	.04	.00	8.10	26.0 <b>26.0</b>	.60	5.6 <b>5.5</b>		
JUL 2000 27 <b>27</b>	0745 <b>0745</b>	.15 . <b>15</b>	.00 .00	57.0	77.0	.26 . <b>28</b>			
		01022820		heast Cre	ek monitor		on 101		
JUL 2000						-			
10 <b>10</b>	1710 <b>1710</b>	.02 . <b>02</b>	.00 .00	.000 .000	33.0 <b>33.0</b>	.61 .63	11.0 <b>11.0</b>	6.0 <b>6.1</b>	A6.31 A6.30
	4	44251706819	90501 No:	rtheast C	reek monit	coring sta	tion 102		
JUN 2000 28 <b>28</b>	0855 <b>0855</b>	.02 . <b>01</b>	1.05 1.07	7.30 7.30	34.0 <b>36.0</b>	.74 . <b>73</b>	5.9 6.0	16.7 <b>16.4</b>	
AUG 07	1550	.02	.00	1.50	12.0	.41	9.4	2.2	
07 SEP 11	<b>1550</b> 1625	.03	.00 18.1 19.1	<b>1.20</b> 3.30 <b>3.40</b>	11.0 17.0	.39 .77	9.7 10.8	<b>2.2</b>	
11 NOV	1625	.07	19.1	3.40	18.0	.74	11.0		
28 <b>28</b>	1535 <b>1535</b>	.02 .02	.00 . <b>47</b>	4.50 <b>4.40</b>	21.0 <b>20.0</b>	.51 .53	1.9 2.0	14.7 <b>14.9</b>	
		4425070681	85301 No	orthoast (	reek moni	toring et	ation 103	3	
JUL 2000		4423070001	.05501 100	i cheast (	LEEK MOIIT	corrig se	401011 100	<u>,</u>	
10 <b>10</b>	1525 <b>1525</b>	.02 . <b>02</b>	.00 .00	.000	27.0	.77 . <b>76</b>	11.0 <b>11.0</b>	7.8 7.7	
26 <b>26</b> OCT	1530 <b>1530</b>	.01 .01	.00 .00	4.60 <b>4.30</b>	21.0 20.0	.55 . <b>54</b>		10.2 10.2	A1.96 <b>A2.07</b>
11 <b>11</b>	1450 <b>1450</b>	.05 . <b>05</b>	.00 .00	6.40 6.90	30.0 <b>28.0</b>	.55 . <b>55</b>	8.3 <b>8.5</b>	4.8 <b>4.8</b>	
	4	44250906818	31901 No:	rtheast C	reek monit	coring sta	tion 104		
MAY 2000	1015	0.0	0.0	0.70	10.0	50	2.5	11 0	
31 <b>31</b> JUN	1215 <b>1215</b>	.02 . <b>02</b>	.00 .00	2.70	18.0	.52 . <b>52</b>	3.5 3.6	11.2 10.6	
28 <b>28</b>	1025 <b>1025</b>	.02 .02	.00 .00	5.10	30.0	.64 . <b>66</b>	5.7 5.5	14.8 <b>14.9</b>	
AUG 07 <b>07</b>	1515 <b>1515</b>	.01 . <b>01</b>	.00	1.00	13.0	.42 . <b>43</b>	6.6 <b>6.6</b>	3.0 3.0	
21 <b>21</b>	1530 <b>1530</b>	.00 .00	.00 .00	.000 .000	16.0 <b>12.0</b>	.53 . <b>53</b>	5.5 5.2	3.6 <b>3.7</b>	
SEP 25 <b>25</b> JUL 2001	1355 <b>1355</b>	.01 . <b>01</b>	.00	2.20	14.0	.56 . <b>56</b>	6.9 .5	2.8 2.9	
02 02	1330 <b>1330</b>	<.10 <.10		2.10 1.90	21.0 <b>21.0</b>	.54 . <b>56</b>			
		442516068	175501 N	ortheast	Creek moni	itoring st	ation 10	5	
JUN 2000	1.405	~ ~	~~	0 60	24.0		4 7	11 0	
13 13 AUG	1425 <b>1425</b>	.04 . <b>04</b>	.02 .01	8.60	34.0	.51 . <b>51</b>	4.1 <b>4.0</b>	11.7 <b>11.6</b>	
21 21 SEP	1415 <b>1415</b>	.00 .00	.00 .00	.000	19.0	.55 . <b>55</b>	4.5 <b>4.5</b>	6.2 6.1	A1.60 A1.67
25 <b>25</b>	1310 <b>1310</b>	.01 . <b>01</b>	.00 .00	2.50 2.50	19.0 <b>17.0</b>	.50 . <b>48</b>	5.9 6.0	3.6 3.7	
NOV 28 <b>28</b>	1255 <b>1255</b>	.04 . <b>04</b>	.22 . <b>22</b>	7.90 <b>6.70</b>	19.0 <b>20.0</b>	.57 . <b>57</b>	2.2 1.9	14.8 <b>14.8</b>	

**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)	water, fltrd, mg/L as N	Nitrite + nitrate water fltrd, mg/L as N (00631)	fltrd,	Phos- phorus, water, unfltrd mg/L (00665)	gen, water, unfltrd mg/L	
	44253006	8193901 No	ortheast	Creek mon	itoring s	tation 10	0		
JUN 2001 20 <b>20</b> AUG	1140 <b>1140</b>	.920	<.10		<5.00	6.90	30.0	.71	A2.32 A2.69
07 07	1400 <b>1400</b>	<.500 <.500	.16 . <b>16</b>		<5.00 <b>&lt;5.00</b>	25.0 <b>28.0</b>	72.0 67.0	.44 . <b>48</b>	A2.33 A2.54
	01022820	Northeast	Creek at	- Rt 3 hri	dae moni	toring st	ation 101		
MAY 2001	01022020	NOT CHEAD C	oreen ut	, ne o bri	age, moni	.corrig se			
22 <b>22</b>	0940 <b>0940</b>	.840 .850	<.10 <.10		<5.00 <b>&lt;5.00</b>	17.0	26.0 <b>21.0</b>	.68 . <b>66</b>	
AUG 22 <b>22</b>	1100 <b>1100</b>	<.500	.40 . <b>19</b>		<5.00 <b>&lt;5.00</b>	7.60 7.70	37.0 <b>39.0</b>	. 60 . <b>60</b>	A.830 A.800
		8190501 No							11.000
JUN 2001 06	1555	1.20	<.10		<5.00	4.20	28.0	.66	
06 SEP	1555	1.10	<.10		<5.00	4.90	28.0	. 64	
10 <b>10</b>	1650 <b>1650</b>	<.500 <.500	.17 . <b>19</b>	<5.00 <b>&lt;5.00</b>		3.30 <b>4.30</b>	28.0 23.0	.79 . <b>77</b>	
	44250706	8185301 No	ortheast	Creek mon	itoring s	station 10	3		
JUN 2001 20 <b>20</b>	1600 <b>1600</b>	1.00 1.00	<.10 <.10		<5.00 <b>&lt;5.00</b>	8.00	36.0 <b>37.0</b>	.70 . <b>69</b>	
OCT 01 <b>01</b>	1450 <b>1450</b>	<.500	.17 . <b>18</b>		<5.00 <b>&lt;5.00</b>	1.40 2.00	12.0 <b>12.0</b>	. 66 . <b>66</b>	
NOV 06 <b>06</b> .	1500 <b>1500</b>	<.500 <.500	.23 .10		<5.00 <b>&lt;5.00</b>	3.40 2.60	35.0 <b>34.0</b>	.48 . <b>46</b>	
	44250906	8181901 No	ortheast	Creek mon	itoring s	tation 10	4		
JUL 2001 02	1330	<.500	<.10		<5.00	2.10	21.0	.54	
02	1330	<.500	<.10		<5.00	1.90	21.0 21.0	.54	
	44251606	8175501 No	ortheast	Creek mon	itoring s	tation 10	5		
JUL 2001 02	1230	1.20	<.10		<5.00	2.50	27.0	.53	A1.95
02 18 18	1230 1320 1320	.800 . <b>790</b>	<.10 <.10		<5.00 <5.00	6.20 5.60	28.0 28.0	.60 .58	A2.28

# 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.]

			]			SHALI						
Sp	pecific	c condu	ctance,	water,	micros	iemens	per cen	timeter	at 25	degrees	Celsiu	S
DAY	MAX	MIN	MEAN									
		MAY			JUNE			JULY			AUGUST	
1												
2 3												
4				44800	15100	31100						
5				44400	15100	28000						
6				41500	11800	25100						
7 8				43400 19200	7990 3340	23800 7440	40000 26200	20500 13500	29400 17800	33600	30500	31400
9 10				10400	2350	3610	26000	10800	13200	38200 37200	28100 28400	31000 32100
11 12										33200 39100	27500 27000	28500 28600
13										47100	28200	33500
14 15										47100 47600	37200 40000	41800 44300
16										47400	40800	44700
17	7000	283	997							46800	40600	44900
18 19	7000 7000	493 303	1570 1620	38200	3070	13300				46500 46800	38100 38800	43200 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 24	354 360	284 242	331 318	14600 3330	2830 2090	8510 2610				40900 48200	30600 30700	32800 35300
25	254	86	163	11100	1950	3240				50400	38800	43500
26	92	78	84	11800	2280	3980				50500	45900	48200
27 28	118 130	90 118	102 122	34200 34100	2390 12400	9580 23200				50400 50200	46700 48000	48900 49200
29	152	130	140							51100	48200	49600
30 31	3950	152	331							51100 51000	48600 48700	49700 49900
MONITU				44800	1020	12200				E1100		40300
MONTH				44000	1930	13300				51100	27000	40300
DAY	MAX	MIN	MEAN									
		SEPTEMBE	2B		OCTOBER			NOVEMBER			DECEMBEF	2
-	50000					45.000				100		
1 2	50900 49800	47500 46700	49300 48400	49500 47900	41200 38200	45600 43700	3720 1330	1330 690	2330 927	128 158	112 127	121 141
3	48600	45300	47100	48600	25000	40100	698	572	619	202	157	177
4 5	46600 43200	42100 38500	44100 40600	45400 41600	23300 25300	37900 39200	607 703	571 607	581 645	262 324	202 262	230 296
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 9	37200 37700	34000 34400	35700 36200	26400 28900	19100 18300	21300 20800	718 16000	677 693	692 2680	463 29200	398 461	431 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 13	45500 45800	32800 37900	34300 41500	18800 29800	6670 6890	7610 12800	43200 46000	2500 2180	17200 20500	54600 43600	5930 11600	42300 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 18	47300 44700	42200 38800	45100 41800	46300 49200	18300 13400	33900 31900	23900 1610	979 800	3990 1030	19900 1440	1440 195	4030 491
19 20	45100 47000	36200 35300	40100 40900	38100 28300	25500 5430	33300 15200	815 13800	572 577	642 1710	199 474	146 139	160 160
21 22	49200 48700	35700 42500	42200 46100	34400 33000	4200 4610	11600 15300	7440 18900	697 617	1010 2780	203 151	144 142	171 146
23	49400	38300	43300	31300	3740	7180	13800	500	2060	178	149	161
24 25	48600 49100	41400 41400	45500 45800	34000 46800	3740 16900	15300 31400	23100 25800	432 486	3210 4610	237 351	177 237	203 290
26 27	50800 52100	42800 47000	47900 49300	45400 49700	30600 29100	39800 41000	38200 3680	625 186	10200 1170	491 542	351 491	429 522
28	52100	46100	49300	53500	36900	47000 43100	188 108	108 101	132 104	19300	532	1880
29	50900 50600	45600 41500	48500 47000	51500 44200	31100 17300	31200	113	103	107	653 1410	529 555	568 588
30										10000		0.4.0
30 31				23000	3650	10900				13600	479	848
			42900	23000 53500	3650 3650	10900 27700	50100	101	5500	58100	479 112	848 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.

Sr	ecifi	condu	ctance	wator	micros	DEE		-imatar	at 25	degrees	Colsin	q
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
5111		MAY	1 111 11 1		JUNE	1121111		JULY	1 122 114		AUGUST	112111
1 2 3 4 5	  	  	  	45200 44600	  17300 17300	 36100 36000	47900 48200 49000 48200 47700	35400 36700 37800 40000 37800	44100 45300 46200 45400 44200	  	  	  
6 7 8 9 10	  	  	  	42100 44100 27100 12300 10800	18400 17500 4250 2460 1630	32800 35000 14500 5720 3310	46400 39900 32000 28900	37000 29800 21900 22300	42000 35300 26600 25000	41500 41100 41700	 39900 39700 20200	40600 40300 38200
11 12 13 14 15	  	  	  	14200 12400 17400 23000 31000	1500 3900 8200 11300 19400	5300 9470 10800 15900 22300	  	  	  	41200 43700 46400 47300 47700	38400 38600 42300 44700 44700	39800 39500 43400 46500 47000
16 17 18 19 20	7000 7000 7000 7000 7000	300 506 299 186	3790 3990 2860 872	31900 33500 30600 28000 23900	23200 27700 24600 22200 21600	30700 32500 27300 23900 22600	  	  	  	48000 47400 47700 47600 47400	45300 44500 45100 45300 44700	47100 46500 46900 46800 46000
21 22 23 24 25	3940 290 486 365 260	212 230 289 245 87	451 268 342 324 165	22800 23300 22400 21500 20800	22000 22000 21300 20400 19400	22500 22600 21800 21100 20300	  	  	  	46100 45900 45500 49000 50400	44700 43700 43100 43900 46800	45500 44900 44500 45700 48500
26 27 28 29 30 31	93 120 139 154 6440	79 91 119 132 154	84 104 124 142 689	22600 38800 45400 47900 47800	19100 21700 32500 33600 33900	20200 25300 38400 41800 44700	   	  	   	50500 50800 50300 50300 50500 50600	47300 47500 48200 48600 48900 48700	49600 49600 49200 49600 49600 49700
MONTH	7000	79	1010	47900	1500	23800	49000	21900	39300	50800	20200	45600
DAY												
2.11	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
<i></i>	MAX	MIN SEPTEMBI		MAX	MIN OCTOBER	MEAN		MIN NOVEMBER	MEAN	MAX	MIN DECEMBEI	
1 2 3 4 5	MAX 50600 50400 49800 48600 44100			MAX 48100 47500 47800 47400 46400		MEAN 46700 46500 39400 44900 35000			MEAN 9360 938 629 589 651	MAX 135 163 209 267 331		
1 2 3 4	50600 50400 49800 48600	SEPTEMBI 48500 48100 25900 21500	ER 49500 49200 42000 38300	48100 47500 47800 47400	OCTOBER 44200 44700 21700 24400	46700 46500 39400 44900	1 25500 1340 714 629	NOVEMBER 1340 699 580 580	9360 938 629 589	135 163 209 267	DECEMBEN 116 130 163 209	R 126 147 183 235
1 2 3 4 5 6 7 8 9	50600 50400 49800 48600 44100 44900 44800 44500 44600	SEPTEMBH 48500 48100 25900 21500 21900 29000 28200 23200 23200	49500 49200 42000 38300 31300 41600 40700 39300 38400	48100 47500 47800 47400 46400 45400 43300 42300	OCTOBER 44200 44700 21700 24400 23000 22800 42800 41600 36200	46700 46500 39400 44900 35000 31800 43800 42600 40900	1 25500 1340 714 629 719 776 768 730 19600	NOVEMBER 1340 699 580 580 621 719 724 689 703	9360 938 629 589 651 759 751 703 11900	135 163 209 267 331 397 410 477 29000	DECEMBEI 116 130 163 209 267 331 393 410 477	R 126 147 183 235 301 371 396 442 18400
1 2 3 4 5 6 7 8 9 10 11 12 13 14	50600 50400 49800 44100 44900 44500 44600 44600 44600 44000 43100 43100 48200	SEPTEMBI 48500 48100 21500 21900 28200 28200 23200 23200 20900 18700 22000 25200 23200	ER 49500 42000 38300 31300 41600 40700 39300 38400 36500 32500 32500 30700 41800 43300	48100 47500 47800 47400 46400 45400 43300 42300 37700 37600 36600 32300 42100	OCTOBER 44200 44700 21700 24400 23000 22800 42800 42800 36200 36200 36800 36300 31300 29100 30400	46700 46500 39400 44900 35000 31800 43800 42600 40900 37300 37000 35500 30800 37000	25500 1340 714 629 719 776 768 730 19600 35300 39200 37900 40900 44000	NOVEMBER 1340 699 580 621 719 724 689 703 9860 12500 7850 14200 18700	9360 938 629 589 651 759 751 703 11900 24800 30200 28900 31200 25800	135 163 209 267 331 397 410 477 29000 31600 48100 47800 40700	DECEMBEI 116 130 163 209 267 331 393 410 477 25400 21600 22700 16600 14000	x 126 147 183 235 301 371 396 442 18400 29000 38900 41300 33500 33500 36100
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	50600 50400 49800 44800 44100 44900 44500 44600 44600 44000 43100 48400 50100 48200 50100 48200 48200 48200 48200 48200 48200 48000 48000 48000 47400	SEPTEMBI 48500 48100 21500 21900 28200 23200 23200 23200 23200 23200 23200 44400 28100 23200 23200 23200	ER 49500 42000 38300 31300 41600 40700 39300 38400 36500 32500 32500 32500 32500 32500 39900 39900 35500	48100 47500 47800 47400 46400 45400 43300 42300 37700 37600 36600 32300 42100 40900 42700 42800 46300 46200	OCTOBER 44200 44700 21700 24400 23000 22800 42800 42800 36200 36300 31300 30400 36200 30400 36200 35300 37500 36800 31700	46700 46500 39400 44900 35000 31800 43800 40900 37300 37300 37000 35500 37000 39300 40000 41700 41300	25500 1340 714 629 719 776 768 730 19600 35300 39200 37900 40900 44000 42700 33200 24900 22300 11800	NOVEMBER 1340 699 580 621 719 724 689 703 9860 12500 7850 14200 18700 15900 15700 1000 7790 691	9360 938 629 589 651 759 751 703 11900 24800 30200 28900 31200 35800 35800 35800 35800 35800 35800 5530	135 163 209 267 331 397 410 477 29000 31600 48100 47800 47800 47000 41200 17200 22500 1460 204	DECEMBEI 116 130 163 209 267 331 393 410 477 25400 21600 22700 21600 22700 16600 14000 14400 2640 14400 2640 1440 2640 1440 2640 1440 2640 1440 2640 1440 2640 1440 2640 1440 2640 1440 2640 1440 2640 1440 2640 1440 1440 2640 1450 1450 15	126           147           183           235           301           371           396           442           18400           29000           38900           41300           35500           36100           29500           10600           9880           502           164
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	50600 50400 49800 44800 44400 44500 44600 44000 43100 43100 48200 50100 48200 50100 48200 50100 48200 48200 48200 48200 48200 48300 49300 49300 49300	SEPTEMBI 48500 48100 21500 21900 28200 23700	ER 49500 49200 42000 38300 31300 41600 40700 39300 38400 36500 32500 30700 41800 43300 49200 39900 39600 35500 37200 47900 35800 32400 38400	48100 47500 47800 47400 46400 45400 43300 42300 37700 37600 36600 32300 42100 40900 42200 46200 36200 36100 33900 35500 34200	OCTOBER 44200 44700 21700 24400 23000 22800 42800 42800 36200 36300 31300 30400 36200 30400 35300 37500 35300 37500 36800 31700 31500 28000 32400 29500	46700 46500 39400 44900 35000 31800 42600 40900 37300 37300 37000 35500 30800 37000 39300 40000 41700 41300 35500 34900 33400 33400 32800 31400	25500 1340 714 629 719 776 768 730 19600 35300 39200 37900 40900 44000 42700 33200 24900 24900 24900 11800 19000 19500 19500 23400	NOVEMBER 1340 699 580 621 719 724 689 703 9860 12500 7850 14200 18700 15900 15900 15900 15900 15900 15900 13800 8880 9060 3150	9360 938 629 589 651 759 751 703 11900 24800 30200 28900 31200 35800 32900 19600 9490 17200 5530 12900 15500 15000 16600	135 163 209 267 331 397 410 477 29000 31600 48100 47800 47800 47800 47000 41200 17200 22500 1460 204 491 209 157 184 244	DECEMBEI 116 130 163 209 267 331 393 410 477 25400 21600 22700 21600 22700 14000 14400 14400 2640 14400 145 150 147 155 183	126           147           183           235           301           371           396           442           18400           29000           38900           41300           35500           36100           29500           10600           9880           502           164           166           176           152           167           209

**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.

						SHALL	WO					
				Tempera	ature,	water,	degrees	Celsiu	S			
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 9				19.2 22.2	12.7 15.7	16.2 19.1	23.3 27.1	20.1 18.6	21.9 22.2	29.5 26.6	21.9 22.2	25.2 24.9
10										28.5	23.0	25.0
11										28.5	19.8	24.0
12										25.3	19.5	21.8
13 14										24.1 22.6	20.2 18.9	22.3 21.4
15										23.3	18.6	21.4
16										22.6	18.6	21.0
17	18.6	13.9	15.9							24.1	18.6	20.8
18 19	15.4 14.7	13.7 12.3	14.6 13.6							24.5 23.7	17.7 19.2	21.0 21.6
20	17.4	11.8	14.7							22.6	19.2	19.5
21	17.1	14.9	15.9							24.1	15.7	19.7
22	18.6	14.9	16.5							24.1	16.5	20.6
23	17.1	14.2	15.4							24.5	18.6	21.2
24 25	14.2 11.6	11.6 10.9	12.9 11.4							26.6 26.6	18.9 19.8	22.3 22.7
26 27	16.6 17.1	10.5 14.2	13.3 15.8							28.0 25.3	20.2 18.0	23.1 21.4
28	16.3	14.4	15.2							22.6	17.4	19.7
29 30	15.2 19.8	13.9 12.9	14.5 16.0							22.2 20.5	16.5 16.5	18.8 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
DAY	MAX	MIN SEPTEMBE	MEAN	MAX	MIN OCTOBER	MEAN	MAX	MIN OVEMBER	MEAN	MAX	MIN DECEMBER	MEAN
		SEPTEMBE	IR		OCTOBER		N	OVEMBER			DECEMBER	L .
1 2				MAX 16.5 18.6	OCTOBER 12.0 14.4	14.1 16.3		OVEMBER 6.0 6.5	MEAN 6.5 7.4			
1 2 3	25.8 24.9 20.5	SEPTEMBE 18.3 18.6 17.7	22.5 21.6 19.4	16.5 18.6 19.2	OCTOBER 12.0 14.4 14.2	14.1 16.3 16.5	N 6.9 8.1 8.5	OVEMBER 6.0 6.5 6.9	6.5 7.4 7.9	3.0 2.0 0.9	DECEMBER 2.0 0.2 0.1	2.5 0.8 0.4
1 2	25.8 24.9	SEPTEMBE 18.3 18.6	22.5 21.6	16.5 18.6	OCTOBER 12.0 14.4	14.1 16.3	N 6.9 8.1	OVEMBER 6.0 6.5	6.5 7.4	3.0 2.0	DECEMBER 2.0 0.2	2.5 0.8
1 2 3 4 5	25.8 24.9 20.5 20.2 20.8	SEPTEMBE 18.3 18.6 17.7 18.0 14.4	22.5 21.6 19.4 19.4 17.9	16.5 18.6 19.2 17.7 16.0	OCTOBER 12.0 14.4 14.2 13.7 11.8	14.1 16.3 16.5 15.5 14.3	N 6.9 8.1 8.5 7.8 6.9	OVEMBER 6.0 6.5 6.9 6.2 6.2	6.5 7.4 7.9 6.9 6.5	3.0 2.0 0.9 1.2 0.9	DECEMBER 2.0 0.2 0.1 0.2 0.2	2.5 0.8 0.4 0.6 0.6
1 2 3 4	25.8 24.9 20.5 20.2	SEPTEMBE 18.3 18.6 17.7 18.0	22.5 21.6 19.4 19.4	16.5 18.6 19.2 17.7	OCTOBER 12.0 14.4 14.2 13.7	14.1 16.3 16.5 15.5	N 6.9 8.1 8.5 7.8	OVEMBER 6.0 6.5 6.9 6.2	6.5 7.4 7.9 6.9	3.0 2.0 0.9 1.2	DECEMBER 2.0 0.2 0.1 0.2	2.5 0.8 0.4 0.6
1 2 3 4 5 6 7 8	25.8 24.9 20.5 20.2 20.8 21.2 21.2 23.7	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7	22.5 21.6 19.4 19.4 17.9 16.6 17.6 19.8	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7	14.1 16.3 16.5 15.5 14.3 12.3 12.7 12.5	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.3 6.7 8.1	6.5 7.4 7.9 6.9 6.5 6.7 7.6 8.7	3.0 2.0 0.9 1.2 0.9 1.2 0.9 1.2 0.6 0.7	DECEMBER 2.0 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.3 0.2	2.5 0.8 0.4 0.6 0.6 0.6 0.4 0.4
1 2 3 4 5 6 7	25.8 24.9 20.5 20.2 20.8 21.2 21.2	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2	22.5 21.6 19.4 19.4 17.9 16.6 17.6	16.5 18.6 19.2 17.7 16.0 14.4 14.2	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7	14.1 16.3 16.5 15.5 14.3 12.3 12.7	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.3 6.7	6.5 7.4 7.9 6.9 6.5 6.7 7.6	3.0 2.0 0.9 1.2 0.9 1.2 0.6	DECEMBER 2.0 0.2 0.1 0.2 0.2 0.2 0.2 0.3	2.5 0.8 0.4 0.6 0.6 0.6 0.4
1 2 3 4 5 6 7 8 9 10	25.8 24.9 20.5 20.2 20.8 21.2 21.2 23.7 25.8 25.3	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0	22.5 21.6 19.4 19.4 17.9 16.6 17.6 19.8 21.5 20.3	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 13.4 11.6	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0	14.1 16.3 16.5 15.5 14.3 12.3 12.7 12.5 11.4 7.7	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 10.5 8.9	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.3 6.7 8.1 8.7 8.0	6.5 7.4 7.9 6.9 6.5 6.7 7.6 8.7 9.4 8.4	3.0 2.0 1.2 0.9 1.2 0.6 0.7 0.9 0.9	DECEMBER 2.0 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.2 -0.5 -0.2	2.5 0.8 0.4 0.6 0.6 0.6 0.4 0.4 0.4 0.4 0.3
1 2 3 4 5 6 7 8 9	25.8 24.9 20.5 20.2 20.8 21.2 21.2 23.7 25.8	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7	22.5 21.6 19.4 19.4 17.9 16.6 17.6 19.8 21.5	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 13.4	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1	14.1 16.3 16.5 15.5 14.3 12.3 12.7 12.5 11.4	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 10.5	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.2 6.3 6.7 8.1 8.7 8.0 7.6 8.5	6.5 7.4 7.9 6.9 6.5 6.7 7.6 8.7 9.4	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9	DECEMBER 2.0 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.2 -0.5	2.5 0.8 0.4 0.6 0.6 0.4 0.4 0.4 0.4 0.3 -0.2 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13	25.8 24.9 20.5 20.2 21.2 21.2 23.7 25.8 25.3 23.7 23.3 23.7	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 18.9 18.6	22.5 21.6 19.4 17.9 16.6 17.6 19.8 21.5 20.3 19.7 21.1 20.9	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 13.4 11.6 8.9 12.7 15.2	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4	14.1 16.3 16.5 15.5 14.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2	N 6.9 8.1 7.8 6.9 7.0 8.3 9.5 10.5 8.9 9.5 9.5 9.1	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.3 6.7 8.1 8.7 8.0 7.6 8.5 8.1	6.5 7.4 7.9 6.5 6.5 6.7 7.6 8.7 9.4 8.4 8.7 9.0 8.6	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.9 0.2 1.3 0.2	DECEMBER 2.0 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.2 -0.5 -0.2 -0.7 -0.7 -0.6	2.5 0.8 0.4 0.6 0.6 0.4 0.4 0.4 0.3 -0.2 0.0 -0.2
1 2 3 4 5 6 7 8 9 10 11 12	25.8 24.9 20.5 20.2 20.8 21.2 23.7 25.8 25.3 23.7 23.3	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 15.7 16.0 15.4 18.9	22.5 21.6 19.4 19.4 17.9 16.6 17.6 19.8 20.3 19.7 21.1	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 11.6 8.9 12.7	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8	14.1 16.3 16.5 15.5 14.3 12.7 12.5 11.4 7.7 6.7 8.3	N 6.9 8.1 7.8 6.9 7.0 8.3 9.5 10.5 8.9 9.5 9.7	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.2 6.3 6.7 8.1 8.7 8.0 7.6 8.5	6.5 7.4 7.9 6.9 6.5 6.7 7.6 8.7 8.4 8.4 8.7 9.0	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.9 0.9	DECEMBER 2.0 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.2 -0.5 -0.2 -0.7 -0.7	2.5 0.8 0.4 0.6 0.6 0.4 0.4 0.4 0.4 0.3 -0.2 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	25.8 24.9 20.5 20.2 20.8 21.2 23.7 25.8 25.3 23.7 23.3 23.7 22.2 17.7	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 18.9 18.6 15.4 15.2	22.5 21.6 19.4 17.9 16.6 17.6 19.8 21.5 20.3 19.7 21.1 20.9 18.8 16.5	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 11.6 8.9 12.7 15.2 15.7 14.7	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1 11.4	14.1 16.3 16.5 15.5 14.3 12.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2 12.9 13.8	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 10.5 8.9 9.5 9.5 9.7 9.1 9.1 9.1	OVEMBER 6.0 6.5 6.2 6.2 6.2 6.2 6.3 6.7 8.1 8.7 8.0 7.6 8.5 8.1 8.3 6.9	6.5 7.4 7.9 6.5 6.7 7.6 8.7 9.4 8.4 8.7 9.0 8.6 8.7 8.4	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.9 0.9 0.2 1.3 0.2 0.1 0.5	DECEMBER 2.0 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.2 -0.5 -0.2 -0.7 -0.6 -0.7 -0.4	2.5 0.8 0.4 0.6 0.6 0.4 0.4 0.4 0.3 -0.2 -0.2 -0.3 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14	25.8 24.9 20.5 20.2 20.8 21.2 23.7 25.8 25.3 23.7 23.3 23.7 22.2	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 18.9 18.6 15.4	22.5 21.6 19.4 19.4 17.9 16.6 17.6 19.8 21.5 20.3 19.7 21.1 20.9 18.8	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 13.4 11.6 8.9 12.7 15.2 15.7	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1	14.1 16.3 16.5 15.5 14.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2 12.9	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 9.5 9.7 9.1 9.1	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.3 6.7 8.7 8.0 7.6 8.5 8.3	6.5 7.4 7.9 6.9 6.5 6.7 7.6 8.7 9.4 8.4 8.7 9.0 8.7	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.9 0.2 1.3 0.2 0.1	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.5 0.8 0.4 0.6 0.6 0.4 0.4 0.4 0.3 -0.2 0.0 -0.2 -0.3
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	25.8 24.9 20.5 20.2 21.2 23.7 25.3 23.7 23.3 23.7 23.3 23.7 22.2 17.7 19.5 18.0 20.5	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 18.9 18.6 15.4 15.2 15.2 15.2 15.2	R 22.5 21.6 19.4 17.9 16.6 17.6 19.8 21.5 20.3 19.7 21.1 20.9 18.8 16.5 17.3 16.6 17.6	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 11.6 8.9 12.7 15.2 15.7 14.7 12.5 12.5 11.8	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1 11.4 7.9 8.9 9.1	14.1 16.3 16.5 15.5 14.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2 12.9 13.8 10.7 10.8 10.6	N 6.9 8.1 7.8 6.9 7.0 8.3 9.5 10.5 8.9 9.5 9.7 9.1 9.1 9.1 9.1 6.9 8.0 6.2	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.3 6.7 8.1 8.7 8.0 7.6 8.5 8.1 8.3 6.9 5.2 5.2 5.3 1	6.5 7.4 7.9 6.5 6.7 7.6 8.7 9.4 8.4 8.7 9.0 8.6 8.7 8.4 6.0 6.4 4.5	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.9 0.9 0.2 1.3 0.2 0.1 0.5 0.3 1.3 1.6	DECEMBER 2.0 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.2 -0.5 -0.2 -0.7 -0.6 -0.7 -0.4 -0.1 0.2 0.2 -0.5 -0.5 -	2.5 0.8 0.4 0.6 0.6 0.4 0.4 0.4 0.4 0.4 0.4 0.3 -0.2 0.0 -0.2 -0.3 0.0 0.0 0.4 1.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	25.8 24.9 20.5 20.2 20.8 21.2 21.2 23.7 25.8 25.3 23.7 23.3 7 22.2 17.7 19.5 18.0 20.5 19.8	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 18.9 18.6 15.4 15.2 15.2 15.2 15.2 15.2 15.2 15.7	22.5 21.6 19.4 19.4 17.9 16.6 17.6 19.8 21.5 20.3 19.7 21.1 20.9 18.8 16.5 17.3 16.6 17.6 17.9	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 13.4 11.6 8.9 12.7 15.2 15.7 14.7 12.5 12.5 12.5 11.8 12.0	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1 11.4 7.9 8.9 9.1 10.5	14.1 16.3 16.5 15.5 14.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2 12.9 13.8 10.7 10.8 10.7 10.5	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 9.7 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.3 6.7 8.7 8.0 7.6 8.5 8.1 8.3 6.9 5.2 5.5 3.1 2.1	6.5 7.4 7.9 6.9 6.5 6.7 7.6 8.7 9.4 8.4 8.7 9.0 8.6 8.7 8.4 6.0 6.4 4.2.9	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.2 1.3 0.2 0.1 0.5 0.3 1.3 0.5	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.5 0.8 0.4 0.6 0.6 0.6 0.4 0.4 0.4 0.3 -0.2 -0.3 0.0 0.0 0.4 1.2 0.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	25.8 24.9 20.5 20.2 21.2 23.7 25.3 23.7 23.3 23.7 23.3 23.7 21.7 19.5 18.0 20.5 19.8 19.2	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 18.9 18.6 15.4 15.2 15.2 15.2 15.2 15.2 15.7 17.7	R 22.5 21.6 19.4 17.9 16.6 17.6 19.8 21.5 20.3 19.7 21.1 20.9 18.8 16.5 17.3 16.6 17.6 17.9 18.3	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 11.6 8.9 12.7 15.2 15.7 14.7 12.5 12.5 11.8 12.0 12.7	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1 11.4 7.9 8.9 9.1 10.5 8.3	14.1 16.3 16.5 15.5 14.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2 12.9 13.8 10.7 10.8 10.6 11.5 10.7	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 9.7 9.1 9.1 9.1 9.1 9.1 6.9 8.0 6.2 3.9 3.6	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.3 6.7 8.1 8.7 8.0 7.6 8.5 8.1 8.3 6.9 5.2 5.5 3.1 2.1 1.8	6.5 7.4 7.9 6.5 6.7 7.6 8.7 9.4 8.4 8.7 9.0 8.6 8.7 8.4 6.0 6.4 4.5 2.9 2.3	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.9 0.9 0.2 1.3 0.2 0.1 0.5 0.3 1.6 0.5 0.3	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.5 0.8 0.4 0.6 0.6 0.4 0.4 0.4 0.4 0.4 0.4 0.3 -0.2 -0.3 0.0 -0.2 -0.3 0.0 0.0 0.4 1.2 0.2 0.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	25.8 24.9 20.5 20.2 20.8 21.2 21.2 23.7 25.8 25.3 23.7 22.2 17.7 19.5 18.0 20.5 19.8 19.2 21.2	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 18.9 18.6 15.4 15.2 15.2 15.2 15.2 15.7 17.7 18.0	22.5 21.6 19.4 19.4 17.9 16.6 17.6 19.8 21.5 20.3 19.7 21.1 20.9 18.8 16.5 17.3 16.6 17.6 17.9 18.3 19.5	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 13.4 11.6 8.9 12.7 15.2 15.7 14.7 12.5 12.5 12.5 12.5 12.5 12.0 12.7 15.2	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1 11.4 7.9 8.9 9.1 10.5 8.3 9.1	14.1 16.3 16.5 15.5 14.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2 12.9 13.8 10.7 10.8 10.7 10.5	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 9.5 9.7 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.3 6.7 8.7 8.0 7.6 8.5 8.1 8.3 6.9 5.2 5.5 3.1 1.8 2.0	6.5 7.4 7.9 6.9 6.5 6.7 7.6 8.7 9.4 8.4 8.7 9.0 8.6 8.7 8.4 6.0 6.4 4.2.9 2.3 2.2	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.2 1.3 0.2 0.1 0.5 0.3 1.3 0.5	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.5 0.8 0.4 0.6 0.6 0.6 0.4 0.4 0.4 0.4 0.3 -0.2 -0.3 0.0 0.0 0.4 1.2 0.2 0.1
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	25.8 24.9 20.5 20.2 20.8 21.2 21.2 23.7 25.8 25.3 23.7 23.3 23.7 22.2 17.7 19.5 18.0 5 19.8 19.2 21.2 20.2 17.7 17.1 18.9 15.2	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 18.9 18.6 15.4 15.2 15.2 15.2 15.2 15.7 17.7 18.0 16.0 14.4 18.9 18.6 15.4 15.2 15.2 15.7 17.7 18.0 14.4 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.4 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.4 15.2 12.5 12.5 12.5 12.5 12.5 12.5 12.5 12.3	R 22.5 21.6 19.4 19.4 17.9 16.6 17.6 19.8 21.5 20.3 19.7 21.1 20.9 18.8 16.5 17.3 16.6 17.6 17.9 18.3 16.6 17.9 18.3 19.5 18.3 16.4 15.2 16.4	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 13.4 11.6 8.9 12.7 15.2 15.7 14.7 12.5 12.5 12.5 12.5 12.5 12.5 12.7 14.7 15.2 15.2 15.2 14.4 1.6 12.5 13.4 14.2	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1 11.4 7.9 8.9 9.1 10.5 8.3 9.1 8.7 6.3 5.5 7.0 10.5	14.1 16.3 16.5 15.5 14.3 12.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2 12.9 13.8 10.7 10.8 10.7 10.8 10.7 12.2 10.8 8.7 9.1 11.0 12.1	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 9.5 9.7 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.3 6.7 8.7 8.0 7.6 8.5 8.1 8.3 6.9 5.2 5.5 3.1 1.8 2.0 1.3 0.6 0.3 0.5 0.5	6.5 7.4 7.9 6.9 6.5 6.7 7.6 8.7 9.0 8.4 8.7 9.0 8.6 8.7 8.4 6.0 6.4 5.2 9 2.3 2.2 1.8 1.0 9 0.8 0.9	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.9 0.2 1.3 0.2 0.1 0.5 0.3 1.3 1.6 0.5 0.3 0.1 0.2 0.1 0.2	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.5 0.8 0.4 0.6 0.6 0.6 0.4 0.4 0.4 0.4 0.3 -0.2 -0.3 0.0 0.0 0.4 1.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	25.8 24.9 20.2 20.8 21.2 23.7 25.8 25.3 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 2 20.5 19.8 20.5 19.8 20.5 11.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.5 2 20.5 2 20.5 2 20.5 2 20.5 20.5	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 15.7 15.7 15.4 15.2 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 16.0 14.4 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.4 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.4 15.2 15.7 17.7 18.0 16.0 14.2 14.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 10.0 10.7 12.5 10.7 10.0 10.7 10.0 10.7 10.0 10.7 10.0 10.7 10.0 10.7 10.7 12.5 10.7 10	<pre>R 22.5 21.6 19.4 19.4 17.9 16.6 17.6 19.8 20.3 19.7 21.1 20.9 18.8 16.5 17.3 16.6 17.6 17.9 18.3 16.2 16.4 15.2 14.0 12.8</pre>	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 11.6 8.9 12.7 15.2 15.7 14.7 12.5 11.8 12.0 12.7 15.2 14.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1 11.4 7.9 8.9 9.1 10.5 8.3 9.1 8.7 6.3 5.5 7.0 10.5 11.4 7.4	14.1 16.3 16.5 15.5 14.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2 12.9 13.8 10.7 10.8 10.7 12.2 10.8 8.7 9.1 11.0 12.1 12.2 10.4	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 9.7 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.3 6.7 8.7 8.7 8.0 7.6 8.5 8.1 8.5 8.1 8.5 8.1 8.5 8.1 1.8 2.0 1.3 0.6 0.3 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6.5         7.4         7.9         6.5         6.7         7.6         8.7         9.0         8.6         8.7         9.0         8.6         8.7         9.0         8.4         6.0         6.4         4.5         2.3         2.2         1.8         1.1         0.9         0.8         0.9         1.7         2.6	3.0 2.0 0.9 1.2 0.9 1.2 0.9 0.9 0.9 0.9 0.9 0.2 1.3 0.2 0.1 0.5 0.3 1.3 1.6 0.5 0.3 0.3 0.1 0.2 0.1 0.5 0.3	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.5 -0.2 -0.7 -0.6 -0.7 -0.7 -0.6 -0.7 -0.4 -0.1 -0.2 -0.1 -0.2 -0.1	2.5 0.8 0.4 0.6 0.6 0.4 0.4 0.3 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 0.0 0.0 0.4 1.2 0.2 0.1 0.1 0.1 0.1 0.1 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	25.8 24.9 20.5 20.2 20.8 21.2 21.2 23.7 25.8 25.3 23.7 22.2 17.7 19.5 18.0 20.5 19.8 19.2 21.2 20.2 17.7 17.1 18.9 15.2 16.7 13.2	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 18.9 18.6 15.4 15.2 15.2 15.2 15.2 15.7 17.7 18.0 16.0 15.4 15.2 15.2 15.7 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 15.4 15.2 15.2 15.2 15.7 17.7 18.0 14.4 15.2 15.2 15.2 15.7 17.7 18.0 16.0 15.4 15.2 15.2 15.2 15.2 15.7 17.7 18.0 16.0 15.4 15.2 15.2 15.2 15.2 15.7 17.7 18.0 16.0 16.0 15.4 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 16.2 16.7 17.7 18.0 16.0 16.7 16.7 16.7 16.7 17.7 18.0 16.0 16.7 17.7 17	R         22.5         21.6         19.4         17.9         16.6         17.8         20.3         19.7         21.5         20.3         19.7         21.1         20.9         18.8         16.5         17.3         16.6         17.9         18.3         16.4         15.2         16.4         15.2         14.0         14.0         12.8         11.1	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 13.4 11.6 8.9 12.7 15.2 15.7 14.7 12.5 12.5 12.5 12.5 12.5 12.7 14.7 15.2 15.7 14.7 15.2 14.4 11.6 12.5 13.4 14.2 13.0 11.8 7.9	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1 11.4 7.9 8.9 9.1 10.5 8.3 9.1 8.7 6.3 5.5 7.0 10.5 11.4 7.4 3.9	14.1 16.3 16.5 14.3 12.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2 12.9 13.8 10.7 10.8 10.7 10.8 10.7 12.2 10.8 8.7 9.1 11.0 12.2 10.4 5.4	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 9.5 9.7 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.3 6.7 8.7 8.0 7.6 8.5 8.1 8.3 6.9 5.2 5.5 3.1 1.8 2.0 1.3 0.6 0.3 0.5 1.0 2.8	6.5 7.4 7.9 6.9 6.5 6.7 7.6 8.7 9.0 8.4 8.7 9.0 8.4 8.7 8.4 6.0 6.4 5.2 9 2.3 2.2 1.8 1.0 9 0.8 0.9 1.7 2.6 3.2	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.2 1.3 0.2 0.1 0.5 0.3 1.3 1.6 0.5 0.3 0.1 0.2 0.1 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.1 0.2 0.3 0.1 0.2 0.3 0.1 0.2 0.3 0.3 0.1 0.2 0.3 0.5 0.3 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.5 0.8 0.4 0.6 0.6 0.6 0.4 0.4 0.4 0.4 0.3 -0.2 -0.3 0.0 0.0 0.4 1.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	25.8 24.9 20.2 20.8 21.2 23.7 25.8 25.3 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 23.7 23.5 2 20.5 19.8 20.5 19.8 20.5 11.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.2 21.5 2 20.5 2 20.5 2 20.5 2 20.5 2 20.5 20.5	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 15.7 15.7 15.4 15.2 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 16.0 15.4 15.2 15.2 15.2 15.7 17.7 18.0 16.0 15.4 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.4 15.2 15.7 17.7 17.7 18.0 14.4 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 16.0 15.4 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 16.0 14.2 14.7 12.5 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 12.5 10.7 10.0 10.7 12.5 10.7 12.5 10.7 10.7 10.0 10.7 10.7 12.5 10.7 10.7 10.7 10.7 12.5 10.7 10.7 10.7 10.7 10.7 12.5 10.7 10	<pre>R 22.5 21.6 19.4 19.4 17.9 16.6 17.6 19.8 20.3 19.7 21.1 20.9 18.8 16.5 17.3 16.6 17.6 17.9 18.3 16.2 16.4 15.2 14.0 12.8</pre>	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 11.6 8.9 12.7 15.2 15.7 14.7 12.5 11.8 12.0 12.7 15.2 14.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.4 11.6 12.5 13.7 14.7 14.7 14.7 14.7 14.7 14.7 14.7 14	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1 11.4 7.9 8.9 9.1 10.5 8.3 9.1 8.7 6.3 5.5 7.0 10.5 11.4 7.4	14.1 16.3 16.5 15.5 14.3 12.7 12.5 11.4 7.7 6.7 8.3 11.2 12.9 13.8 10.7 10.8 10.7 12.2 10.8 8.7 9.1 11.0 12.1 12.2 10.4	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 9.7 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.3 6.7 8.7 8.7 8.0 7.6 8.5 8.1 8.5 8.1 8.5 8.1 8.5 8.1 1.8 2.0 1.3 0.6 0.3 0.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	6.5         7.4         7.9         6.5         6.7         7.6         8.7         9.0         8.6         8.7         9.0         8.6         8.7         9.0         8.4         6.0         6.4         4.5         2.3         2.2         1.8         1.1         0.9         0.8         0.9         1.7         2.6	3.0 2.0 0.9 1.2 0.9 1.2 0.9 0.9 0.9 0.9 0.9 0.2 1.3 0.2 0.1 0.5 0.3 1.3 1.6 0.5 0.3 0.3 0.1 0.2 0.1 0.5 0.3	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.5 -0.2 -0.7 -0.6 -0.7 -0.7 -0.6 -0.7 -0.4 -0.1 -0.2 -0.1 -0.2 -0.1	2.5 0.8 0.4 0.6 0.6 0.4 0.4 0.3 -0.2 -0.3 0.0 -0.2 -0.3 0.0 0.4 1.2 0.2 0.1 0.1 0.1 0.1 0.1 0.1 0.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	25.8 24.9 20.5 20.2 20.8 21.2 21.2 23.7 25.8 25.3 23.7 22.2 17.7 19.5 18.0 20.5 19.8 19.2 21.2 20.2 17.7 17.1 18.9 15.2 16.7 13.2	SEPTEMBE 18.3 18.6 17.7 18.0 14.4 12.3 14.2 15.7 17.7 16.0 15.4 18.9 18.6 15.4 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.4 15.2 15.2 15.2 15.7 17.7 18.0 14.2 15.2 15.2 15.2 15.2 15.7 17.7 17.7 18.0 14.4 15.2 15.2 15.2 15.2 15.7 17.7 17.7 18.0 14.4 15.2 15.2 15.2 15.2 15.2 15.7 17.7 17.7 18.0 14.2 15.2 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.2 15.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.2 15.2 15.2 15.2 15.2 15.7 17.7 18.0 14.2 15.2 15.2 15.7 17.7 18.0 14.2 15.2 15.7 17.7 18.0 16.0 14.2 12.5 15.5 15	R         22.5         21.6         19.4         17.9         16.6         17.8         20.3         19.7         21.5         20.3         19.7         21.1         20.9         18.8         16.5         17.3         16.6         17.9         18.3         16.4         15.2         16.4         15.2         14.0         14.0         12.8         11.1	16.5 18.6 19.2 17.7 16.0 14.4 14.2 15.4 13.4 11.6 8.9 12.7 15.2 15.7 14.7 12.5 12.5 12.5 12.5 12.6 12.7 15.2 14.4 11.6 12.5 13.4 14.2 13.0 11.8 7.9 6.3	OCTOBER 12.0 14.4 14.2 13.7 11.8 11.2 10.7 9.7 10.1 6.0 5.3 4.8 7.4 10.1 11.4 7.9 8.9 9.1 10.5 8.3 9.1 8.7 6.3 5.5 7.0 10.5 11.4 7.4 10.5 8.3 9.1 8.7 1.5 7.0 10.5 1.4 7.4 1.5 7.5 7.0 1.5 1.5 7.0 1.5 7.0 1.5 7.0 1.5 7.0 7.0 7.0 7.0 7.5 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	14.1 16.3 15.5 14.3 12.7 12.7 12.7 11.4 7.7 6.7 8.3 11.2 12.9 13.8 10.7 10.8 10.6 11.5 10.7 12.2 10.8 8.7 9.1 11.0 12.1 12.2 10.4 5.4 4.9	N 6.9 8.1 8.5 7.8 6.9 7.0 8.3 9.5 9.7 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.2 6.3 6.7 8.7 8.0 7.6 8.5 8.3 6.9 5.2 5.5 3.1 1.8 2.0 1.3 0.6 0.3 0.5 1.0 2.0 2.8	6.5 7.4 7.9 6.9 6.5 6.7 7.6 8.7 9.4 8.4 8.7 9.0 8.6 8.7 8.4 6.0 6.4 4.5 9.2 3 2.2 1.8 1.1 9.0 8.6 9.2 3.1	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.7 0.9 0.9 0.2 1.3 0.2 0.1 0.5 0.3 1.3 1.6 0.5 0.3 0.1 0.1 0.2 0.1	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.5 0.8 0.4 0.6 0.6 0.4 0.4 0.4 0.3 -0.2 -0.3 0.0 0.4 1.2 0.0 0.4 1.2 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1

**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 2 3 4 5	  	  	  	 19.2 19.8	 13.9 12.5	 16.5 16.1	23.7 24.9 22.6 23.0 23.0	14.9 16.5 16.8 15.7 16.5	18.0 20.1 19.4 19.6 20.5	  	  	  
6 7 8 9 10	  	  	  	20.5 17.7 18.3 22.2 20.5	12.7 11.4 12.5 15.5 18.0	16.1 13.2 15.4 18.5 19.0	24.5 25.8 25.3 24.9	16.8 19.5 21.2 21.5	21.2 22.8 22.7 23.0	26.2 27.1 27.1	23.3 24.5 24.5	25.0 26.1 26.0
11 12 13 14 15	  	  	  	18.6 19.8 19.5 20.2 18.6	14.9 14.4 17.7 17.9 15.2	16.2 16.6 18.3 18.7 18.2	  	  	  	29.5 27.1 23.7 21.5 21.2	25.3 21.2 19.8 18.6 18.3	27.0 25.9 22.4 20.5 19.2
16 17 18 19 20	17.7 14.9 14.9 17.4	14.2 13.7 12.5 11.8	15.6 14.5 13.6 14.6	19.8 21.2 21.9 22.6 22.2	15.2 18.9 20.8 19.5 20.1	16.1 19.6 21.4 20.6 21.0	  	  	  	20.8 21.5 21.9 22.6 21.9	18.6 18.6 17.7 18.6 18.6	19.5 20.1 19.8 20.4 20.4
21 22 23 24 25	17.1 18.6 17.1 14.2 11.6	14.9 14.7 14.2 11.6 11.2	15.8 16.5 15.4 13.0 11.4	21.9 21.2 21.5 22.2 23.0	20.1 18.0 19.8 21.2 21.9	20.8 19.3 20.6 21.8 22.5	  	  	  	24.1 25.8 25.3 25.8 25.8	20.5 22.2 23.0 23.0 21.5	22.2 23.7 24.0 23.8 23.6
26 27 28 29 30 31	16.6 17.1 16.5 15.2 19.2	10.5 14.2 14.4 13.9 12.9	13.3 15.8 15.2 14.5 15.9	25.3 26.6 25.8 23.3 19.2	22.6 23.0 22.2 17.1 14.9	23.5 25.3 23.3 21.3 17.5	   	   	   	24.5 23.0 22.2 21.9 20.5 23.0	20.2 18.0 17.1 16.5 16.5 16.8	22.1 20.0 19.4 18.6 18.1 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
		SEPTEMBE	IR		OCTOBER		N	OVEMBER			DECEMBER	
DAY 1 2 3 4 5						MEAN 14.5 16.7 18.0 18.3 17.2			MEAN 6.6 7.4 7.8 6.9 6.4			
1 2 3 4	25.3 24.5 19.8 19.8	SEPTEMBE 18.0 18.6 17.4 19.2	21.8 21.0 18.7 19.4	16.3 17.7 18.6 18.6	OCTOBER 12.3 15.7 17.4 17.7	14.5 16.7 18.0 18.3	0.9 8.1 8.5 7.9	OVEMBER 6.0 6.5 6.9 6.2	6.6 7.4 7.8 6.9	3.0 2.0 0.9 1.2	DECEMBER 2.0 0.2 0.1 0.2	2.5 0.8 0.4 0.6
1 2 3 4 5 6 7 8 9	25.3 24.5 19.8 19.8 21.5 22.2 22.6 24.1 25.8	SEPTEMBE 18.0 18.6 17.4 19.2 19.2 19.2 20.5 21.9 22.9	21.8 21.0 18.7 19.4 20.3 20.9 21.7 23.0 24.2	16.3 17.7 18.6 18.6 18.0 17.4 17.4 17.4 18.0 17.9	OCTOBER 12.3 15.7 17.4 17.7 16.5 15.4 16.8 16.8 13.2	14.5 16.7 18.0 18.3 17.2 16.6 17.2 17.4 17.2	NM 6.9 8.1 8.5 7.9 6.7 7.0 8.3 9.5 9.3	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.3 6.9 8.1 8.7	6.6 7.4 7.8 6.9 6.4 6.7 7.6 8.7 9.0	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.9 0.9 0.3	DECEMBER 2.0 0.2 0.1 0.2 0.2 0.2 0.2 0.3 0.2 -0.6	2.5 0.8 0.6 0.6 0.7 0.4 0.4 -0.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14	25.3 24.5 19.8 19.8 21.5 22.2 22.6 24.1 25.8 25.3 23.7 23.3 21.2 19.5	SEPTEMBE 18.0 18.6 17.4 19.2 19.2 19.2 20.5 21.9 22.9 22.2 20.8 18.6 17.7 17.1	21.8 21.0 18.7 19.4 20.3 20.9 21.7 23.0 24.2 23.7 22.4 22.4 19.7 18.4	16.3 17.7 18.6 18.6 18.0 17.4 17.4 17.4 17.9 14.2 14.2 14.2 14.2 14.2 14.2 14.7 14.2 12.5	OCTOBER 12.3 15.7 17.4 17.7 16.5 15.4 16.8 16.8 13.2 13.4 13.9 11.8 11.4 11.6	14.5 16.7 18.0 18.3 17.2 16.6 17.2 17.4 17.2 13.8 14.2 13.9 12.1 12.4	N 6.9 8.1 8.5 7.9 6.7 7.0 8.3 9.5 9.3 9.3 9.3 9.3 9.1 9.1	OVEMBER 6.0 6.5 6.2 6.2 6.2 6.3 6.9 8.1 8.1 8.1 8.5 8.5 8.7	6.6 7.4 7.8 6.9 6.4 6.7 7.6 8.7 9.0 8.7 8.7 9.3 8.9	3.0 2.0 0.9 1.2 0.9 1.2 0.9 0.9 0.3 0.2 0.2 1.3 0.1 0.1	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.5 0.8 0.6 0.6 0.7 0.4 -0.2 -0.2 -0.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	25.3 24.5 19.8 19.8 21.5 22.2 22.6 24.1 25.8 25.3 23.7 23.3 21.2 19.5 17.1 18.9 17.7 20.5 20.2	SEPTEMBE 18.0 18.6 17.4 19.2 19.2 20.5 21.9 22.9 22.2 20.8 18.6 17.7 17.1 15.5 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.2 16.8 18.6 17.7 17.7 18.0 16.3	PR 21.8 21.0 18.7 19.4 20.3 20.9 21.7 23.0 24.2 23.7 22.4 22.4 19.7 18.4 16.0 17.3 16.7 18.6 19.2	16.3 17.7 18.6 18.6 18.0 17.4 17.4 17.4 18.0 17.9 14.2 14.2 14.2 14.2 14.2 14.2 14.7 14.2 12.5 13.2 14.7 14.2 12.3 12.0 13.2 14.9 15.2 14.4	OCTOBER 12.3 15.7 17.4 17.7 16.5 15.4 16.8 16.8 13.2 13.4 13.9 11.8 11.4 11.6 12.7 10.5 9.9 10.1 10.5	14.5 16.7 18.0 18.3 17.2 16.6 17.2 17.4 17.2 13.8 14.2 13.9 12.1 12.4 13.7 12.0 11.3 11.4 11.1	N 6.9 8.1 8.5 7.9 6.7 7.0 8.3 9.3 9.3 9.3 9.3 9.1 9.1 9.1 9.1 9.1 8.3 8.0 7.8 4.2	OVEMBER 6.0 6.5 6.2 6.2 6.2 6.3 6.9 8.1 8.1 8.1 8.5 8.5 8.7 8.1 5.7 5.5 3.3 2.2	6.6 7.4 7.8 6.9 6.4 6.7 7.6 8.7 8.7 8.7 8.9 8.6 8.9 8.6 6.8 6.7 4.2	3.0 2.0 0.9 1.2 0.9 1.2 0.6 0.9 0.3 0.2 0.2 1.3 0.1 0.5 0.2 1.6 0.5	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.5 0.8 0.4 0.6 0.6 0.7 0.4 -0.2 -0.2 -0.2 0.0 0.1 0.5 1.2 0.2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	25.3 24.5 19.8 19.8 21.5 22.2 22.6 24.1 25.8 25.3 23.7 23.3 21.2 19.5 17.1 18.9 17.7 20.2 19.2 20.5 21.2 18.9 17.1	SEPTEMBE 18.0 18.6 17.4 19.2 19.2 20.5 21.9 22.9 22.2 20.8 18.6 17.7 17.1 15.5 15.7 15.2 16.8 18.6 17.7 17.7 18.0 16.3 14.9	PR 21.8 21.0 18.7 19.4 20.3 20.9 21.7 23.0 24.2 23.7 22.4 19.7 18.4 16.0 17.3 16.7 18.6 19.2 18.6 19.2 18.6 19.5 17.8 16.4	16.3 17.7 18.6 18.6 18.0 17.4 17.4 17.4 18.0 17.9 14.2 14.2 14.2 14.2 14.2 14.2 14.7 14.2 12.5 13.2 14.7 14.2 12.3 12.0 13.2 14.9 15.2 14.4	OCTOBER 12.3 15.7 17.4 17.7 16.5 15.4 16.8 16.8 13.2 13.4 13.9 11.8 11.4 11.6 12.7 10.5 9.9 10.1 10.5 11.4 12.5 14.4 10.5	14.5 16.7 18.0 18.3 17.2 16.6 17.2 17.4 17.2 13.8 14.2 13.9 12.1 12.4 13.7 12.0 11.3 11.4 11.1 12.1 13.4 14.7 13.4 10.1	NU 6.9 8.1 8.5 7.9 6.7 7.0 8.3 9.5 9.3 9.3 9.3 9.3 9.5 9.1 9.1 9.1 9.1 9.1 9.1 8.3 8.0 7.8 4.2 4.0 3.7 2.7 2.5 1.5	OVEMBER 6.0 6.5 6.9 6.2 6.2 6.3 6.9 8.1 8.7 8.1 8.1 8.5 8.7 8.1 5.7 5.5 3.22 2.4 2.7 1.7 1.0 6	6.6 7.4 7.8 6.9 6.4 6.7 7.6 8.7 9.3 8.9 8.6 8.7 5.2 8.9 8.6 6.8 7.4 3.2 3.2 2.4 1.1	3.0 2.0 0.9 1.2 0.9 1.2 0.9 0.3 0.2 1.3 0.1 0.1 0.5 0.2 1.6 1.6 0.5 0.3 0.1 0.1 0.2	DECEMBER 2.0 0.2 0.2 0.2 0.2 0.2 0.2 0.2	2.5 0.8 0.4 0.6 0.7 0.4 -0.2 -0.2 -0.2 0.0 0.1 0.5 1.2 0.2 0.1 0.5 1.2 0.2 0.1 0.5

**Table A16.** Specific conductance and water temperature data collected May-November 2000 at station 102 (USGS identifier 442517068190501) Northeast Creek near Bar Harbor, ME [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	LOW
Specific conductance,	water,	microsiemens per centimeter at 25 degrees Celsius	s 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
		SEPTEMBE	ER		OCTOBER		NC	VEMBER	
1 2 3 4 5	44700 42700 40600 36100 34500	40400 38300 34100 29100 26200	42500 40700 37700 32800 29200	42100 36200 37100 32800	31800 30900 30100 29900	34100 32500 32000 31200	2010 727 2080 657 637	642 397 396 440 517	1170 488 434 476 573
6 7 8 9 10	26300 25600 25600 29400 28600	24600 24200 24100 24400 26300	25500 24800 24800 25400 27400	 16400 17800 16000	11900 12000 6970	 13900 14500 9290	646 832 1480 3160 1510	598 568 566 617 394	625 589 602 786 661
11 12 13 14 15	29000 29400 30900 40100 37700	26100 26600 28100 29200 29000	27500 27200 29200 30300 32700	  	  	  	  	  	  
16 17 18 19 20	37000 32000 48200 31800	30900 29600 27900 27500	32900 30500 29500 29900	  	  	  	5860  674 473 550	655  451 439 470	1810  553 456 492
21 22 23 24 25	34400 35600  42000	26600 30200  29800	29600 31400  32700	  	  	  	577 530 400 396 459	466 345 323 323 368	539 412 356 361 418
26 27 28 29 30 31	44600 45600 44800 42800 39400	32600 35900 36800 36000 32900	38000 40800 41200 39000 36100	   	   	   	733 514  	434 102  	495 247  
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 identifier442517068190501) Northeast Creek near Bar Harbor, ME - Continued.

	Specific	condu	ctance.	water.	micros	DEE:	_	timeter	at 25	dearees	Celsiu	s
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 20										28600 28500	26400 25600	27600 27300
20										28500	25600	27300
21												
22												
23												
24												
25												
26												
27												
28												
29										47300	32100	43400
30										47300	26100	42000
31										46000	23300	41800
MONT	гн									47300	15300	29500

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

 Vortex
 Vortex

 Vor

SHALLOW

				Tempera	ature,	water,	degrees	Celsiv	IS			
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
		SEPTEMBE	R	C	OCTOBER		NC	VEMBER	
1 2 3 4 5	27.8 26.0 21.4 20.3 20.7	22.1 20.6 19.3 17.2 13.0	24.7 23.0 20.1 19.0 16.6	17.8 19.4 21.0 18.4 18.4	11.6 14.5 14.8 14.0 13.3	14.4 16.7 17.5 16.4 15.4	6.9 8.4 9.0 7.8 6.9	5.8 6.4 6.5 6.0 5.8	6.4 7.4 7.8 6.5 6.4
6 7 8 9 10	21.0 20.0 21.7 25.2 24.8	11.6 12.8 14.5 16.1 14.2	16.1 16.3 18.3 20.2 18.6	15.0 14.3 14.3 11.4 8.2	11.7 10.6 9.3 7.1 5.0	13.2 12.5 11.9 9.5 6.7	7.1 8.6 9.3 10.2 8.9	6.2 6.7 7.8 8.4 7.8	6.6 7.6 8.6 9.3 8.1
11 12 13 14 15	22.4 22.4 25.2 24.0 21.3	11.6 18.7 20.3 18.1 18.1	17.9 20.6 22.1 21.1 19.5	  	  	  	9.3 10.0 9.2 8.9 9.2	7.6 8.4 8.0 8.2 6.5	8.5 9.1 8.6 8.7 8.4
16 17 18 19 20	21.0 18.4 22.1 20.0 20.7	16.9 15.0 14.8 15.8 17.8	18.9 16.8 18.2 18.2 19.1	  	  	  	6.6 7.3 6.2 3.8 2.5	4.8 5.2 3.1 2.1 1.7	5.8 6.2 4.4 2.9 2.1
21 22 23 24 25	22.1 22.1 18.7 17.8 19.4	18.4 16.4 16.1 16.1 13.0	20.2 19.0 17.6 17.1 16.3	  	  	  	2.8 2.1 1.4 1.4 1.3	1.7 1.0 0.4 0.3 0.3	2.2 1.5 0.9 0.8 0.8
26 27 28 29 30 31	16.4 17.5 15.0 13.8 15.0	13.5 12.8 11.0 9.3 9.7	15.2 15.0 13.5 11.7 12.4	   	   	   	1.0 2.1 	0.3 0.9  	0.6 1.7 
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 identifier442517068190501) Northeast Creek near Bar Harbor, ME - Continued.

						DEE	P					
				Tempera	ature,	water,	degrees	Celsiu	s			
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
		SEPTEMBE	R	(	OCTOBER		NO	VEMBER	
1 2 3 4 5	27.4 25.6 22.1 22.1 24.4	22.1 21.3 21.0 21.0 21.3	24.6 23.3 21.3 21.5 22.5	17.8 18.4 20.0 19.3 19.7	12.8 15.3 17.5 16.4 17.5	14.8 16.9 18.6 18.5 18.6	6.9 8.4 9.0 7.8 6.9	5.8 6.4 6.5 6.0 6.0	6.4 7.4 7.8 6.5 6.4
6 7 8 9 10	24.0 22.4 22.4 25.6 24.7	20.6 20.6 19.0 21.0 21.0	22.4 21.6 21.0 23.3 23.1	18.7 15.8 15.8 15.8 13.5	15.8 14.5 13.8 13.5 6.9	17.2 15.3 15.3 15.4 9.4	7.1 8.8 9.3 10.4 8.9	6.2 6.7 8.0 8.4 7.6	6.6 7.6 8.7 9.3 8.2
11 12 13 14 15	23.5 23.2 24.0 24.0 22.0	17.2 19.4 21.0 19.0 19.4	21.1 21.5 22.4 21.4 20.6	  	  	  	9.2 9.8 9.1 9.1 9.2	7.6 8.6 8.0 8.4 6.7	8.4 9.0 8.6 8.8 8.5
16 17 18 19 20	20.7 20.0 21.0 20.7 21.4	17.5 15.0 17.5 18.1 20.0	19.0 17.7 19.1 20.1 20.6	  	  	  	6.7 7.1 6.2 3.8 2.5	4.8 5.2 3.1 2.1 1.7	5.9 6.2 4.5 2.9 2.1
21 22 23 24 25	22.4 22.1 19.4 18.4 19.4	20.3 17.5 18.1 16.7 15.5	21.1 19.8 18.6 17.5 17.8	  	  	  	2.8 2.1 	1.8 1.1 	2.2 1.6 
26 27 28 29 30 31	15.8 17.2 15.0 14.0 15.3	14.0 14.0 12.1 11.0 10.6	15.3 15.3 14.0 12.5 13.2	   	   	   	2.1	1.0  	1.7  
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

						SHALL						
Sp	pecific	condu	ictance,	water,	micro	siemens	s per ce	ntimet	er at 2	25 degre	es Cels	sius
DAY	MAX	MIN	MEAN									
		MAY			JUNE			JULY			AUGUST	
1				3570	264	391	36100	18200	27600			
2 3				7000	455	1680	41400 43500	24600 25900	33200 34800			
4 5							41600 39400	25900 27900	33800 33300			
6							33200	21800	28100			
7							23300	8420	15300			
8 9							12400 16700	4950 6900	7190 11900			
10												
11 12										20600 19500	18600 18700	19600 19000
13 14				1260	 746	1050				19400 20700	18900 19100	19200 19900
14				1430	999	1230				21400	20200	20900
16				1500	1010	1270				22500	20700	21700
17 18	292	195	234	1460 1310	1060 927	1310 1140				23500 22600	21600 21600	22600 22000
19 20	284 165	114 110	161 131	1310 1100	683 803	1020 940				22000 21500	20900 19600	21500 20900
21	236	140	174	1260	601	1050						
22 23	383 394	192 257	250 292	1340 1260	1060 1040	1230 1110						
24	273	174	228	1230	601	1050						
25	174	67	92	1280	910	1150						
26 27	83 108	64 76	69 87	1270 1230	638 967	1040 1100						
28 29	131 165	92 107	101 126	2700 25300	1130 2120	1280 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						
		SEPTEMBI	ER		OCTOBER							
1 2	42100 40600	38500 30600	41200 37100	35800 33500	32200 28800	34000 30700						
3	36000	31100	34900	31700	27900	29700						
4 5	34600 28600	27100 23500	30100 24500	30800 28800	28600 25000	29500 26500						
6	25700	23700	24600	26300	18800	20600						
7 8	26400 24900	23800 22600	25100 23700	18800 17400	14900 14000	16400 15300						
9 10	24600 23600	22800 22200	23700 23000	14600 12800	8990 9090	11700 10800						
11	24000	22200	23400									
12	24700	23500	24100									
13 14	27100 27000	24300 24600	25400 25700									
15	29400	25700	27400									
16 17	33300 31900	27400 29700	31100 31000									
18	30400	26800	28200									
19 20	28300 27200	25400 24200	26400 25400									
21	29900	25400	26300									
22 23	30300 28500	27200 26600	28600 27600									
24 25	30200 33300	26900 27100	28600 28800									
26 27	38900 41700	31400 37300	33900 40000									
28 29	42200 38700	36000 34500	40300 37500									
30 31	37800	34600	36000									
-												

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.

Sr	ocifi	r condu	ctance	water	micros	DEE		timeter	at 25	degrees	Colsin	e
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	мах	MIN	MEAN	MAX	MIN	MEAN
DAI	MAA	MAY	MISAN	MAA	JUNE	PILSAIN	MAA	JULY	PILIPIN	MAA	AUGUST	MISPIN
1				3760	286	400	36100	32600	34000		A06051	
2				7000	462	2000	41100	33500	39100			
3							44100 42400	35500 32300	41200 40000			
5							39900	34500	37900			
6 7							35600 31300	31300 19200	34400 24500			
8 9							20000 21100	17500 15000	19300 18800			
10												
11 12										22900 21100	20600 19700	21400 20500
13 14				1430	 934	1240				20400 21800	19500 19400	19800 21200
15				1460	1140	1320				22100	21100	21600
16 17				1680 1630	1240 1340	1400 1480				22700 23200	21900 22000	22300 22800
18	5890	4680	5540	1530	1240	1350				23100	22100	22500
19 20	5800 5600	5560 5380	5650 5480	1480 1380	1150 933	1260 1120				22500 22200	21800 21200	22100 21700
21	5460	5340	5400	1370	1060	1200						
22 23	5390 5520	3340 4890	4990 5310	1430 1480	1240 1100	1310 1230						
24 25	5410 5310	1120 2750	3650 4560	1410 1520	1150 1170	1250 1270						
26	5380	5190	5260	1610	1360	1510						
27 28	5350 5190	4970 4840	5220 5040	1430 2070	1200 1300	1290 1470						
29 30	5040 4800	4630 4620	4790 4690	25500 34900	2070 21400	4430 23700				43400 45000	39300 42000	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						
		SEPTEMB	ER		OCTOBER							
1 2 3 4 5	43000 42200 40700 39000 37100	41000 36200 37600 36300 34700	42100 40500 39000 37400 35900	39400 37400 36500 35800 34700	36400 35000 34500 33900 32400	37900 36300 35500 34800 33600						
6	35600	33300	34300	33600	29600	31200						
7 8	33800 31300	31100 28900	32400 29800	29800 27800	27100 26400	28300 27000						
9 10	29600 28300	26600 25000	28100 26500	27000 25800	25400 23900	26400 24600						
11 12	26500 25200	23800 24100	24800 24600									
13 14	27900 27400	25200 26300	27200 26900									
15	30600	26600	28700									
16	33900	30000	31900									
17 18	33000 32400	31500 30400	32100 31300									
19 20	31400 30900	29500 28800	30800 29900									
21	30400	28100	29600									
22 23	30000 29900	29300 28200	29700 28900									
24 25	30900 33900	28900 29800	30400 30600									
26	40100	32900	34600									
27 28	42300 43500	39300 40400	40700 41500									
29 30	42400 40100	38700 38200	40100 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 2					15.7 17.6	18.9 19.8	27.1	17.6 19.5	21.6			
3							26.2	19.2 19.5	23.3 23.0 23.1			
5							26.2	20.8	23.1 23.4			
6 7							27.5	20.5	23.4			
8							23.7	19.2	23.8 20.9			
9 10							27.5		21.8			
11										31.0	19.5	24.9
12 13											20.1	22.3
14 15				21.9 17.9	14.4 16.0	18.3 16.9				23.3 26.6		
16				24.9		19.5				25.3		
17 18	15.2		13.7	28.0 27.1	19.2	23.4 22.5				27.1	20.5 16.2 19.2	23.3 21.6
19 20	15.4 19.2		13.5 14.5	27.5 27.1		22.9 22.7				27.1 24.9		
21	16.5	13.2	14.8	22.6	18.6	20.2						
	18.6 15.9		15.9 14.4	26.6 28.0	17.1	21.1 23.6						
24	13.6	11.3	12.2	22.6 26.6 28.0 27.1 25.3	18.5	22.9						
	11.4		11.1	20.0	10.2	21.8						
26 27	17.1 17.7	13.4	13.5 15.6	32.1 30.0 30.0 27.1 23.7	20.1 21.8	25.4 24.8						
28 29	16.3 15.4	13.4 12.5	14.8 13.9	30.0	20.8 21.5	25.0 24.2				24.9	19.8	21.9
30	19.5	12.0		20.7	11.0	21.4				22.6	19.1	21.1
31	19.5		16.6							26.6		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						
DAY		MIN SEPTEMBE	IR		OCTOBER							
1	30.5	SEPTEMBE	IR	18.9	OCTOBER 11.6	14.6						
1 2 3	30.5 25.3 21.8	SEPTEMBE 22.2 19.2 18.9	25.0 21.2 20.2	18.9 21.5 22.2	OCTOBER 11.6 13.4 13.4	14.6 16.9 17.6						
1 2	30.5 25.3	SEPTEMBE 22.2 19.2 18.9 16.0	25.0 21.2	18.9 21.5 22.2 19.2	OCTOBER 11.6 13.4 13.4 13.2	14.6 16.9						
1 2 3 4	30.5 25.3 21.8 20.5	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6	25.0 21.2 20.2 19.5 16.9	18.9 21.5 22.2 19.2 18.3	OCTOBER 11.6 13.4 13.4 13.2 9.7 9.9	14.6 16.9 17.6 16.0 14.0 10.8						
1 2 3 4 5 6 7	30.5 25.3 21.8 20.5 21.5 24.1 23.0	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4	25.0 21.2 20.2 19.5 16.9	18.9 21.5 22.2 19.2 18.3	OCTOBER 11.6 13.4 13.4 13.2 9.7 9.9 10.9	14.6 16.9 17.6 16.0 14.0 10.8 12.7						
1 2 3 4 5 6 7 8 9	30.5 25.3 21.8 20.5 21.5 24.1 23.0 25.8 27.5	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.4 15.2	R 25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2						
1 2 3 4 5 6 7 8 9 10	30.5 25.3 21.8 20.5 21.5 24.1 23.0 25.8 27.5 27.5	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.4 15.2 13.4	25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9						
1 2 3 4 5 6 7 8 9	30.5 25.3 21.8 20.5 21.5 24.1 23.0 25.8 27.5	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.4 15.2 13.4 12.2	R 25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2						
1 2 3 4 5 6 7 8 9 10 11 12 13	30.5 25.3 21.8 20.5 21.5 24.1 23.0 25.8 27.5 27.5 24.9 23.7 25.8	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.4 15.2 13.4 12.2 16.5 17.9	25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 18.4 19.7 20.9	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 9.1  	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1  	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9  						
1 2 3 4 5 6 7 8 9 10 11 12	30.5 25.3 21.8 20.5 21.5 24.1 23.0 25.8 27.5 27.5 24.9 23.7	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.4 15.2 13.4 12.2 16.5	25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 18.4 19.7	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1 	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1 	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	30.5 25.3 21.8 20.5 21.5 24.1 23.0 25.8 27.5 27.5 24.9 23.7 24.9 19.2 23.3	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 15.2 13.4 12.2 16.5 17.9 13.9 14.6 16.8	25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 19.6 18.4 19.7 20.9 19.1 17.2 19.3	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1    	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1   	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9   						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	30.5 25.3 21.8 20.5 21.5 24.1 23.0 25.8 27.5 27.5 24.9 23.7 25.8 24.9 19.2	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.4 15.2 13.4 12.2 13.4 12.2 13.9 14.6	25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 18.4 19.7 20.9 19.1 17.2	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 9.1   	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1   	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9   						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	30.5 25.3 21.8 20.5 21.5 24.1 23.0 25.8 27.5 27.5 24.9 23.7 25.8 24.9 19.2 23.3 19.8	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.4 15.2 13.4 12.2 16.5 17.9 13.9 14.6 16.8 15.4	CR 25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 18.4 19.7 20.9 19.1 17.2 19.3 17.2	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1    	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1    	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9   						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	30.5 25.3 21.5 21.5 24.1 23.0 25.8 27.5 27.5 24.9 23.7 24.9 19.2 23.3 19.8 24.9 19.2 23.3 19.8 20.5 23.3	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 15.2 13.4 12.2 16.5 17.9 13.9 14.6 16.8 15.4 13.4 15.7	25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 19.6 19.7 20.9 19.1 17.2 19.3 17.2 19.3 17.2 18.0 18.3	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1      	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1        	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9     						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	30.5 25.3 21.5 24.1 23.0 25.8 27.5 27.5 24.9 23.7 25.8 24.9 19.2 23.3 19.8 23.7 23.7 23.3 20.5 23.3 22.9	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.4 15.2 13.4 12.2 16.5 17.9 14.6 16.8 15.4 13.4 15.7 17.4 17.9 15.7	CR 25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 18.4 19.7 20.9 19.1 17.2 19.3 17.2 18.0 18.3 18.8 20.5 18.8	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1      	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1            	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9     						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	30.5 25.3 21.5 21.5 24.1 23.0 25.8 27.5 27.5 24.9 23.7 25.8 24.9 19.2 23.3 19.8 24.9 19.2 23.3 19.8 20.5 23.3 22.9 8.3 18.2	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 15.2 13.4 12.2 16.5 17.9 13.9 14.6 16.8 15.4 15.7 17.4 15.7 17.4 17.9 15.7 13.4 16.5	CR 25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 19.6 18.4 19.7 20.9 19.1 17.2 19.3 17.2 18.3 18.8 20.5 18.8 16.1 17.3	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1         	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1   	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9       						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	30.5 25.3 21.5 24.1 23.0 25.8 27.5 27.5 24.9 23.7 25.8 24.9 23.7 25.8 24.9 23.7 25.8 24.9 23.7 25.8 24.9 23.7 20.8 23.7 20.8 23.3 19.8 20.5 23.3 22.9 18.3 18.2 20.1	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.4 15.2 13.4 12.2 16.5 17.9 13.9 14.6 16.8 15.4 13.4 15.7 17.4 17.9 15.7 13.4 16.5 11.8	CR 25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 18.4 19.7 20.9 19.1 17.2 19.3 17.2 18.0 18.3 18.8 20.5 18.8 16.1 17.3 16.3	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1         	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1  	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9       						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	30.5 25.3 21.5 24.1 23.0 25.8 27.5 27.5 27.5 24.9 23.7 25.8 24.9 19.2 23.3 19.8 23.7 20.5 23.3 20.5 23.3 22.9 18.3 18.2 20.1 16.8 18.0	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 15.2 13.4 12.2 16.5 17.9 13.9 14.6 16.8 15.4 15.7 17.4 15.7 17.4 17.9 15.7 13.4 16.5	CR 25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 18.4 19.7 20.9 19.1 17.2 19.3 17.2 18.3 17.2 18.3 18.8 20.5 18.8 16.1 17.3 16.3 15.8 16.0	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1         	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1  	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9       						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	30.5 25.3 21.8 20.5 21.5 24.1 23.0 25.8 27.5 27.5 24.9 23.7 25.8 24.9 23.7 25.8 24.9 19.2 23.3 19.8 23.7 20.5 23.3 22.9 18.3 18.2 20.1 16.8 18.0 15.7	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.4 15.2 13.4 12.2 16.5 17.9 13.9 14.6 16.8 15.4 13.4 15.7 17.4 15.7 13.4 16.5 11.8 13.6 14.1 11.8	CR 25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 18.4 19.7 20.9 19.1 17.2 19.3 17.2 18.0 18.3 18.8 20.5 18.8 16.1 17.3 16.3 15.8 16.0 14.1	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1         	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1   	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9       						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	30.5 25.3 21.5 24.1 23.0 25.8 27.5 27.5 27.5 24.9 23.7 25.8 24.9 19.2 23.3 19.8 23.7 20.5 23.3 20.5 23.3 22.9 18.2 20.1 16.8 18.0 15.7 15.7 15.2	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 14.2 15.2 13.4 12.2 16.5 17.9 13.9 14.6 16.8 15.4 13.4 13.4 13.4 15.7 17.4 17.9 15.7 13.4 16.5 11.8 13.6 14.1 11.8 13.6 14.1 11.8 10.3 10.7	CR 25.0 21.2 20.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 19.6 18.4 19.7 20.9 19.1 17.2 19.3 17.2 18.0 17.2 18.3 18.8 20.5 18.8 16.1 17.3 16.3 15.8 16.0 14.1 12.6 13.5	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1         	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1  	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9  						
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	30.5 25.3 21.5 24.1 23.0 25.8 27.5 27.5 27.5 24.9 23.7 25.8 24.9 19.2 23.3 19.8 24.9 19.2 23.3 19.8 20.5 23.3 22.9 18.3 18.2 20.1 16.8 18.0 7 15.2	SEPTEMBE 22.2 19.2 18.9 16.0 13.6 11.6 13.4 15.2 13.4 12.2 16.5 17.9 13.9 14.6 16.8 15.4 13.4 15.7 17.4 17.9 15.7 17.4 17.9 15.7 17.4 17.9 15.7 17.4 16.5 11.8 13.6 14.1 1.8 10.3	CR 25.0 21.2 19.5 16.9 17.0 17.4 19.2 20.6 19.6 18.4 19.7 20.9 19.1 17.2 19.3 17.2 18.3 17.2 18.3 18.8 20.5 18.8 16.1 17.3 16.3 15.8 16.1 12.6	18.9 21.5 22.2 19.2 18.3 13.9 14.7 15.4 11.8 9.1         	OCTOBER 11.6 13.4 13.2 9.7 9.9 10.9 10.1 4.2 3.1   	14.6 16.9 17.6 16.0 14.0 10.8 12.7 13.2 7.8 6.9       						

**Table A17.** Specific conductance and water temperature data collected May-November 2000 at station 103 (USGS identifier442507068185301) Northeast Creek near Bar Harbor, ME - Continued.

				remper	acure,	water,	acgrees	001010				
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1 2 3 4 5	  	  	  	22.2 21.5 		18.9 19.9  	26.2 28.0 25.8 26.2 27.1	17.6 19.8 19.5 19.5 21.1	21.7 23.6 22.9 23.3 24.1	  	  	  
6 7 8 9 10	  	  	  	  	  	  	30.0 29.5 24.5 26.6	23.7 20.8	24.6 25.6 22.8 22.5	  	  	  
11 12 13 14 15	  	  	  	21.9 17.9	  14.1 16.2	 18.3 16.9	  	  	  	29.0 24.9 24.5 23.7 25.3	21.1 20.1 20.5 21.1 22.6	25.0 22.7 22.5 22.7 23.7
16 17 18 19 20	15.2 15.4 18.9	 13.2 11.8 10.7	 13.8 13.6 14.5	23.3 27.1 25.3 26.2 27.1	15.7 19.5 18.8 19.5 17.9	18.8 22.7 22.1 22.2 22.2	  	  	  	25.3 26.2 24.5 24.1 22.6	23.3 21.8 17.9 19.8 17.9	24.2 24.1 21.4 22.3 20.5
21 22 23 24 25	16.5 18.6 15.9 13.9 11.6	13.9	14.9 16.0 14.4 12.3 11.1	22.2 23.7 27.1 24.9 25.3	17.9 17.4 19.5 17.6 17.4	19.9 20.2 23.1 21.7 21.5	  	  	  	  	  	  
26 27 28 29 30 31	17.1 18.0 16.5 15.4 19.5 19.2	13.4	13.5 15.7 14.9 14.0 15.7 16.6	30.0 26.2 28.0 26.6 23.7		24.5 24.2 24.1 24.1 22.4	   	   	   	 23.7 22.2 24.5	20.8 20.1 20.5	21.9 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						
		SEPTEMBE	R		OCTOBER							
1 2 3 4 5	25.8 25.3 21.5 20.8 20.5	22.6 20.1 19.8 19.5 16.5	24.2 21.6 20.8 20.3 18.8	16.8 17.7 18.0 17.9 16.5	12.9 14.4 15.2 14.7 13.2	15.0 16.0 16.6 16.3 15.1						
6 7 8 9 10	21.2 21.5 22.6 23.3 23.0	15.7 15.9 17.1 17.9 15.7	18.8 18.9 19.9 20.7 19.5	15.7 14.7 15.7 14.4 10.5	12.5 8.5	12.5 13.2 14.3 11.0 9.1						
11 12 13 14 15	21.9 21.5 23.0 21.5 19.5	14.6 17.4 19.5 16.2 15.4	18.5 19.5 21.0 19.3 18.0	  	  	  						
16 17 18 19 20	21.5 19.2 21.2 20.1 19.8	17.6 15.9 14.1 15.7 17.9	19.6 17.7 18.0 18.1 18.8	  	  	  						
21 22 23 24 25	21.9 20.8 18.3 18.9 18.9	18.9 16.8 14.1 16.8 14.9	20.3 19.3 16.3 18.0 17.1	  	  	  						
26 27 28 29 30 31	16.8 17.6 15.7 14.9 15.4	14.6 14.9 13.2 11.8 13.2	15.9 16.1 14.7 13.5 14.5	  	  	  						
51				10.0								

7.0

18.0

MONTH 25.8

11.8

18.6

13.9

	DEE	P	
Temperature,	water,	degrees	Celsius

**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 2 3		 		256 428	98 113 	113 146	23700 28600 33300	1240 3290 19300	8570 16900 26400			
4 5							31800 31900	10200 11700	26600 24800			
6 7							25900 8330	6420 2600	15500 4420			
8							3390 5710	2090 2070	2500 3890	14700 14600	12400 11400	13700 13200
10										14200	12200	13100
11 12							2830	2080	2270	13500 11400	11000 10400	12300 10900
13 14				472	301	361	3600 4070	2190 2760	2540 3100	10800 13700	9970 9660	10400 10600
15				606	344	449	4270	2720	3110	14200	9510	10800
16 17 18	110	 30	 52	658 640 390	341 310 278	481 467 313	3970 3560 2100	2650 1210 811	2930 2600 1110	14300 14800 12800	9490 11100 11900	11800 13100 12300
19 20	158 166	26 18	72 77	417 359	243 270	306 304	1280 829	702 628	857 719	13200 12700	12200 11800	12800 12300
21 22	135 106	16 24	61 44	522 572	305 337	391 453	811 734	606 553	705 668			
23 24	127 129	34 26	59 61	339 338	250 243	295 290	800 835	526 664	626 726			
25	182	27	96	523	272	376	807	626	674			
26 27	164 141	29 24	89 76	487 316	235 230	324 253						
28 29	160 158	24 27	78 78	543 4490	269 384	326 643				30100	19500	25700
30 31	226 143	19 29	58 85	20900	832	2510				35400 36700	25700 25500	30600 31200
MONTH	226	16	70	20900	98	463	33300	526	6620	36700	9490	15300
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
		SEPTEMBI	ER		OCTOBER		Ν	IOVEMBER				
1	35000	24900	30400	25000	23000	24100	831	323	492			
2	28800 22500	17800 17800	22600 19800	23200 21000	19900 17000	21400 18900	323 203	203 176	247 186			
4 5	21000 16100	13500 14700	17000 15300	19400 17400	17100 15900	17900 16500	195 221	174 190	182 198			
6 7	17000 18600	15700 16300	16300 17300	16200 11500	11500 7280	13500 9310	225 208	208 200	216 204			
8 9	19400 19400	16700 17800	18100 18800	8690 5520	5520 3490	6890 4240	203 315	186 188	194 221			
10	19900	18400	19300	3980	2140	3270	278	139	170			
11 12	20200 19900	18700 19400	19700 19700	2210 1480	1140 988	1680 1170	193 284	136 151	156 204			
13 14	20800 21100	19400 19000	20200 20400	1600 4180	1120 1160	1240 2010	383 964	181 198	256 370			
15	24100	20300	22500	3880	1820	2440	736	216	336			
16 17	25800 23200	21400 20600	23700 21200	4130 4220	1690 1870	2380 2490	217 157	139 130	164 144			
18 19	20800	19400	20000	5530	2010	3040	162	136	150			
20	19500	17200	18200	2940	2100	2460	157	144	151			
	19800	15700	18200 17300	2940 2100	1110	1470	171	144 145	154			
21 22	19800 20400 20000	15700 16100 17600	18200 17300 17700 18400	2940 2100 1190 1000	1110 852 731	1470 994 843	171 170 143	144 145 143 122	154 159 132			
22 23 24	19800 20400 20000 20600 20500	15700 16100 17600 17200 17300	18200 17300 17700 18400 17900 18900	2940 2100 1190 1000 829 889	1110 852 731 749 800	1470 994 843 786 835	171 170 143 122 122	144 145 143 122 116 115	154 159 132 118 118			
22 23 24 25	19800 20400 20000 20600 20500 22800	15700 16100 17600 17200 17300 16200	18200 17300 17700 18400 17900 18900 18800	2940 2100 1190 1000 829 889 2450	1110 852 731 749 800 877	1470 994 843 786 835 1230	171 170 143 122 122 132	144 145 143 122 116 115 119	154 159 132 118 118 126			
22 23 24 25 26 27	19800 20400 20000 20600 20500 22800 26300 32500	15700 16100 17600 17200 17300 16200 17500 23100	18200 17300 17700 18400 17900 18900 18800 21900 28400	2940 2100 1190 1000 829 889 2450 4000 5710	1110 852 731 749 800 877 1350 1520	1470 994 843 786 835 1230 2200 2960	171 170 143 122 122 132 253 296	144 145 143 122 116 115 119 126 62	154 159 132 118 118 126 141 112			
22 23 24 25 26 27 28 29	19800 20400 20600 20500 22800 26300 32500 33500 31700	15700 16100 17600 17200 17300 16200 17500 23100 28700 26400	18200 17300 17700 18400 17900 18900 18800 21900 28400 32100 28800	2940 2100 1000 829 889 2450 4000 5710 8820 6150	1110 852 731 749 800 877 1350 1520 1970 2950	1470 994 843 786 835 1230 2200 2960 4590 4180	171 170 143 122 122 132 253 296 	144 145 143 122 116 115 119 126 62 	154 159 132 118 126 141 112 			
22 23 24 25 26 27 28	19800 20400 20600 20500 22800 26300 32500 33500	15700 16100 17600 17200 17300 16200 17500 23100 28700	18200 17300 17700 18400 17900 18900 18800 21900 28400 32100	2940 2100 1190 1000 829 889 2450 4000 5710 8820	1110 852 731 749 800 877 1350 1520 1970	1470 994 843 786 835 1230 2200 2960 4590	171 170 143 122 122 132 253 296 	144 145 143 122 116 115 119 126 62 	154 159 132 118 126 141 112 			

**Table A18.** Specific conductance and water temperature data collected May-November 2000 at station 104 (USGS identifier442509068181901) Northeast Creek near Bar Harbor, ME - Continued.

SI	pecifi	c condu	ictance,	water,	micros	<b>DEE</b> iemens	<b>p</b> per cent	timete	r at 25	degrees	Celsiu	s
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1 2				242 426	95 122	125 176	26800 31700	20200 23100	23900 28500			
3 4							35200 35500	27700 29200	32900 31100			
5							31400	27000	29100			
6 7							27400 24600	24000 23900	25500 24200			
8 9							24300 24200	23500 22900	23900 23600	24700 21000	17100 14700	20600 15800
10										24600	14400	19200
11 12							12200	5520	8130	21400 21100	18400 15100	19900 19000
13 14				 958	425	600	12800 12600	6630 4990	9240 8370	20300 19100	17600 17400	18900 18000
15				852	488	654	14500	5720	9010	19100	16600	17700
16 17				814 721	577 567	693 635	12900 4150	2640 2960	6560 3610	20200 19600	16800 18400	19100 18900
18 19	169 91	84 70	96 75	585 614	402 392	503 520	6850 4140	3630 1810	5110 2790	20400 19600	18200 17400	19300 18400
20	98	69	73	567	388	469	3040	1170	1990	17700	15000	16900
21 22	149 170	73 81	83 105	510 639	358 424	431 515	6880 1680	909 834	2880 1090			
23 24	185 93	86 69	104 86	456 530	337 266	387 382	4320 3100	726 927	1920 1670			
25	69	55	61	608	324	445	2020	853	1300			
26 27	59 62	55 59	56 60	709 544	415 289	534 396						
28	69	62	66	493	298	383						
29 30	77 150	68 76	72 93	4550 20200	384 3260	687 5510				29400 34400	25600 27000	27900 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			
		MIN SEPTEMBI		MAX	MIN OCTOBER	MEAN		MIN JOVEMBER	MEAN			
1 2	34500	SEPTEMBI 31100	ER 33200	25300	OCTOBER 23400	24300	N 820	NOVEMBER 321	489			
2 3	32500 27900	SEPTEMBH 31100 26500 24400	ER 33200 30600 26200	25300 23800 21900	OCTOBER 23400 21600 19700	24300 22600 20900	820 321 207	NOVEMBER 321 205 173	489 246 185			
2	32500	SEPTEMBI 31100 26500	ER 33200 30600	25300 23800	OCTOBER 23400 21600	24300 22600	N 820 321	NOVEMBER 321 205	489 246			
2 3 4 5	32500 27900 25500 22900 22300	SEPTEMBI 31100 26500 24400 20200 19600 19300	ER 33200 30600 26200 23100 21200 20900	25300 23800 21900 20400 19500 17300	OCTOBER 23400 21600 19700 19100 17000 12200	24300 22600 20900 19800 17900 14700	820 321 207 192 218 222	321 205 173 172 187 204	489 246 185 180 195 213			
2 3 4 5 6 7 8	32500 27900 25500 22900 22300 23800 24700	SEPTEMBH 31100 26500 24400 20200 19600 19300 21400 22500	ER 33200 26200 23100 21200 20900 22700 23600	25300 23800 21900 20400 19500 17300 13000 13200	OCTOBER 23400 19700 19100 17000 12200 12100 11100	24300 22600 20900 19800 17900 14700 12400 12000	820 321 207 192 218 222 291 200	NOVEMBER 321 205 173 172 187 204 196 183	489 246 185 180 195 213 213 191			
2 3 4 5 6 7	32500 27900 25500 22900 22300 23800	SEPTEMBH 31100 26500 24400 20200 19600 19300 21400	ER 33200 30600 26200 23100 21200 20900 22700	25300 23800 21900 20400 19500 17300 13000	OCTOBER 23400 19700 19700 17000 12200 12100	24300 22600 20900 19800 17900 14700 12400	820 321 207 192 218 222 291	321 205 173 172 187 204 196	489 246 185 180 195 213 213			
2 3 4 5 6 7 8 9 10 11	32500 27900 25500 22900 23800 24700 23300 21400 19600	SEPTEMBI 31100 26500 24400 19600 19300 21400 22500 21000 18900 19000	ER 33200 30600 26200 23100 21200 20900 22700 23600 22400 19600 19300	25300 23800 20400 19500 17300 13000 13200 11100 10700 9360	OCTOBER 23400 21600 19700 17000 12200 12100 11100 5010 4840 2780	24300 22600 29900 19800 17900 14700 12400 12000 8230 6730 6120	820 321 207 192 218 222 291 200 311 285 192	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133	489 246 185 180 195 213 213 191 220 174 153			
2 3 4 5 6 7 8 9 10 11 12 13	32500 27900 25500 22900 23800 24700 23300 21400 19600 20000 20600	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 22500 21000 18900 19200 19200 19700	ER 33200 30600 26200 21200 20900 22700 23600 22400 19600 19400 20300	25300 23800 21900 20400 19500 17300 13200 13200 11100 10700 9360 3980 4850	OCTOBER 23400 21600 19700 17000 12200 12200 12100 11100 5010 4840 2780 2280 1620	24300 22600 19800 17900 14700 12400 12000 8230 6730 6120 2920 2890	820 321 207 192 218 222 291 200 311 285 192 275 394	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178	489 246 185 180 195 213 213 191 220 174 153 201 256			
2 3 4 5 6 7 8 9 10 11 12	32500 27900 25500 22900 23800 24700 23300 21400 19600 20000	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 22500 21000 18900 19000 19200	ER 33200 30600 26200 23100 21200 20900 22700 23600 22400 19600 19300 19400	25300 23800 21900 20400 19500 13000 13000 13200 11100 10700 9360 3980	OCTOBER 23400 21600 19100 17000 12200 12100 11100 5010 4840 2780 2280	24300 22600 20900 19800 17900 14700 12400 12000 8230 6730 6120 2920	820 321 207 192 218 222 291 200 311 285 192 275	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133 148	489 246 185 180 195 213 213 191 220 174 153 201			
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	32500 27900 25500 22900 23800 24700 23300 21400 20000 20600 20500 24100 25400	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 21400 21000 18900 19200 19200 19800 19800 22700	ER 33200 30600 26200 23100 21200 20900 22700 23600 22400 19600 19300 19400 20300 20100 22400 23900	25300 23800 21900 20400 19500 17300 13000 13000 13200 11100 10700 9360 3980 4850 4850 4270 4000 4620	OCTOBER 23400 21600 19100 17000 12200 12100 12100 5010 4840 2780 2280 1620 1830 2110 1830	24300 22600 20900 19800 17900 14700 12400 12000 8230 6730 6120 2920 2890 2890 2890 2890 2860	820 321 207 192 218 222 291 200 311 285 192 275 394 1020 861 264	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178 198 226 142	489 246 185 180 195 213 213 213 191 220 174 153 201 256 422 368 171			
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	32500 27900 25500 22900 23800 24700 23800 21400 20600 20600 20600 20500 24100 25400 23500 20600	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 22500 21000 18900 19200 19200 19200 19800 19800 22700 20300 19100	ER 33200 30600 26200 23100 21200 20900 22700 23600 22400 19300 19400 20300 20100 22400 23900 21600 19800	25300 23800 21900 20400 19500 13200 13200 13200 10700 9360 3980 4850 4270 4000 4620 4330 5840	OCTOBER 23400 21600 19700 17000 12200 12100 11100 5010 4840 2780 2280 1620 1830 2110 1830 2750 2480	24300 22600 19800 17900 14700 12400 12000 8230 6730 6120 2920 2890 2890 2890 2890 2890 2860 3470 3890	820 321 207 192 218 222 291 200 311 285 192 275 394 1020 861 264 171 193	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178 198 226 142 132 136	489 246 185 180 195 213 213 191 220 174 153 201 256 422 368 171 146 152			
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	32500 27900 22900 22300 23800 24700 23300 21400 19600 20000 20500 24100 24100 25400 23500	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 22500 21000 18900 19200 19200 19700 19800 19800 22700 20300	ER 33200 30600 26200 23100 21200 20900 22700 22400 19600 19300 19400 20100 22400 22400 23900 21600	25300 23800 21900 20400 19500 13000 13000 13200 11100 10700 9360 3980 4850 4270 4000 4620 4330	OCTOBER 23400 21600 19100 17000 12200 12100 12100 12100 2280 1620 1620 1620 1630 2110 1830 2750	24300 22600 20900 19800 17900 12400 12400 12000 8230 6730 6120 2920 2890 2890 2890 2890 2860 3470	820 321 207 192 218 222 291 200 311 285 192 275 394 1020 861 264 171	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178 198 226 142 132	489 246 185 180 195 213 213 191 220 174 153 201 256 422 368 171 146			
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	32500 27900 25500 22900 23800 24700 23800 21400 20600 20500 24100 25400 25400 25400 25400 25400 25400 25400 20600 19600 19200	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 22500 21000 18900 19200 19800 19800 19800 19800 22700 20300 19100 18300 17100 17200	ER 33200 30600 26200 23100 21200 20900 22700 23600 22400 19600 19300 19400 20300 20100 22400 23900 21600 19800 19800 19800 19800 19800 18800 17900 18400	25300 23800 20400 19500 17300 13000 13000 13000 13000 13000 10700 9360 3980 4270 4000 4620 4330 5530 2240 2150	OCTOBER 23400 1960 19100 17000 12200 12100 12100 1200 2280 2280 1620 1830 2110 1830 2750 2480 2480 2130 1530 1340	24300 22600 20900 19800 17900 14700 12400 12000 8230 6730 6120 2920 2890 2970 2890 2890 2890 2890 2860 3470 3890 3520 1820 1600	820 321 207 192 218 222 291 200 311 285 192 275 394 1020 861 264 171 193 164 238 393	INVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178 198 226 142 132 136 142 151 159	489 246 185 180 195 213 213 213 191 220 174 153 201 256 422 368 171 146 152 150 201 278			
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	32500 27900 22900 22300 23800 24700 23300 21400 20600 20600 20500 24100 23500 23500 23500 23500 20600 19600 19200	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 22500 19300 19200 19200 19700 19800 19800 19800 22700 20300 19100 18300 17100 17200 17000	ER 33200 30600 26200 23100 21200 20900 22700 22700 22400 19600 19300 20300 20300 20300 20300 24400 19400 20300 24400 19800 19800 19800 18800 17900 18200 17900	25300 23800 21900 20400 19500 13000 13000 13000 11100 10700 9360 3980 4850 4270 4000 4620 4330 5530 2240 2150 1380 1240	OCTOBER 23400 21600 19700 19100 17000 12200 12100 11100 5010 4840 2780 2280 1620 1830 2110 1830 2750 2480 2130 1530 1340 918 813	24300 22600 20900 19800 17900 12400 12400 12000 8230 6730 6120 2920 2890 2890 2890 2890 2890 2860 3470 3890 3520 1820 1820	820 321 207 192 218 222 291 200 311 285 192 275 394 1020 861 264 171 193 164 238 393 643 643 643	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178 198 226 142 132 136 142 151 159 382 306	489 246 185 180 195 213 213 191 220 174 153 201 256 422 368 171 146 152 150 201 278 495 409			
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	32500 27900 22900 22300 24700 23800 24100 20500 24100 25400 25400 25500 25500 25500 26500 25500 26500 219600 19200 19200	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 22500 21000 19200 19200 19200 19200 19800 19800 19800 22700 20300 19800 19700 19800 19800 19800 19800 19800 19700 19800 19700 19800 19700 19800 19700 19800 19700 19800 19700	ER 33200 30600 26200 23100 21200 20900 22700 23600 22400 19600 19300 19400 22400 23900 22400 23900 22400 19800 18800 17900 18400 18200	25300 23800 21900 20400 19500 13000 13000 13200 11100 10700 9360 3980 4850 4270 4000 4620 4330 5840 5530 2240 2150 1380	OCTOBER 23400 21600 19100 17000 12200 12100 12100 1200 2280 2280 1620 1830 2110 1830 2750 2480 2110 1830 2110 1830 2110 1830 2110 1830 2150 2480 2160 1910 19	24300 22600 20900 19800 17900 12400 12400 2820 6730 6120 2920 2890 2890 2890 2890 2860 3470 3890 3520 1820 1600 1130	820 321 207 192 218 222 291 200 311 285 192 275 394 1020 861 264 171 193 164 238 393 643	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178 198 226 142 132 136 142 132 136 142 151	489 246 185 180 195 213 213 191 220 174 153 201 256 422 368 171 146 152 150 201 278 495			
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	32500 27900 25500 22900 23800 24700 23300 21400 20600 20600 20500 24100 25400 25400 23500 19600 19600 19600 19600 19600 20300 20400 20300 20400 20300 20400 20300	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 21000 18900 19200 19200 19800 19800 19800 22700 20300 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 22700 20300 19800 19800 22700 20300 19800 19800 22700 20300 19800 19800 22700 20300 19800 22700 20300 19800 19800 22700 20300 19800 22700 20300 19800 22700 20300 19800 22700 20300 22700 20300 22700 20300 22700 20300 19800 22700 20300 19800 22700 20300 19800 22700 20300 19800 22700 20300 19800 19800 22700 23700 27500	ER 33200 30600 26200 23100 21200 20900 22700 23600 22400 19300 19300 20100 22400 23900 20100 22400 19300 19800 18800 17900 18200 19300 22900	25300 23800 21900 20400 19500 17300 13000 13000 13000 13000 9360 3980 4270 4000 4620 4330 4270 4000 4620 4330 2240 2150 1380 2240 2150 1380 4020	OCTOBER 23400 21600 19100 17000 12200 12100 12100 4840 2780 2280 1620 1830 2110 1830 2750 2480 2130 1530 1340 918 813 943 1060 1730	24300 22600 20900 19800 17900 12400 12000 8230 6730 6120 2920 2890 2970 2890 2890 2860 3470 3820 1820 1820 1600 1130 918 1240 1530 2700	820 321 207 192 218 222 291 200 311 285 192 275 394 1020 861 264 171 193 164 238 393 643 393 643 518 485	INVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178 198 226 142 132 142 132 142 151 159 382 306 314 315 331	489 246 185 180 195 213 213 213 191 220 174 153 201 256 422 368 171 146 152 150 201 278 495 409 487 360 361			
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	32500 27900 25500 22900 23800 24700 21400 19600 20500 24100 25400 23500 23500 20600 19200 20600 19200 20600 19200 20300 20400 22500 20400 22500	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 22500 19000 19200 19200 19200 19200 19200 19200 19300 19200 19300 19400 19300 19400 19500 19500 19500 19500 19500 19500 19500 19500 19500 19500 19500 19500 25500 28600	ER 33200 30600 26200 23100 21200 20900 22700 23600 22400 19600 19300 22400 23900 20100 22400 19800 19800 17900 18400 18200 17600 19300 22900 29400 32500	25300 23800 21900 20400 19500 13000 13000 13200 11100 10700 9360 3980 4850 4270 4000 4620 4330 5840 5530 2240 2150 1380 1240 1730 2730 4020 5510 8650	OCTOBER 23400 21600 19100 17000 12200 12100 12100 200 2400 1620 1620 1620 1620 1630 2110 1830 2750 2480 1530 1340 918 813 943 1060 1730 1640 2740	24300 22600 20900 19800 17900 12400 2200 2890 2890 2890 2890 2890 2890 28	820 321 207 192 218 222 291 200 311 285 192 275 394 1020 861 264 171 193 164 238 393 643 624 518 485 459 493 	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178 198 226 142 132 136 142 159 382 306 314 315 331 0 	489 246 185 180 195 213 213 191 220 174 153 201 256 422 368 171 146 152 150 201 278 495 409 487 360 361 192			
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	32500 27900 22900 22300 23800 24700 23300 21400 19600 20500 24100 25400 25500 25500 19200 19200 19800 20300 22500 22500 225900 32200	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 2500 21000 19200 19200 19200 19200 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 19700 17200 17200 17300 17200 17500 17800 21500 25900	ER 33200 30600 26200 23100 21200 20900 22700 22400 19600 19300 22400 19400 20100 22400 23900 2400 19800 18800 17900 18800 17900 18800 17900 22900 22900 22900 22900	25300 23800 21900 20400 19500 17300 13000 13000 10700 9360 3980 4850 4850 4850 4270 4000 4620 4330 5530 2240 2150 1380 1240 1380 1240 1730 2730	OCTOBER 23400 21600 19100 17000 12200 12100 12100 1200 2280 280 280 280 1620 1830 2110 1830 2750 2480 2110 1830 2110 1830 2110 1830 2150 2480 2160 1830 2160 1620 1830 2750 2480	24300 22600 20900 19800 17900 12400 12400 2820 6730 6120 2920 2890 2890 2890 2890 2860 3470 3890 3520 1820 1600 1130 918 1240 1530 2700 3340	820 321 207 192 218 222 291 200 311 285 192 275 394 1020 861 264 171 193 164 238 393 643 624 518 485 459 493	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178 226 142 132 136 142 151 159 382 306 314 315 331 60	489 246 185 180 195 213 213 191 220 174 153 201 256 422 368 171 146 152 201 278 495 409 487 360 361 192			
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	32500 27900 25500 22900 22300 23800 24700 23300 21400 20600 20500 24100 23500 23500 24000 19600 19600 19600 19600 19600 20300 20400 22500 20400 22500 20400 20300 20400 20300 20400 20300 20400 20300 20400 20300 20400 20500 2000 20500 20000 20000 20000 2000000	SEPTEMBI 31100 26500 24400 20200 19600 19300 21400 22000 19300 19200 19200 19200 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 19800 22700 20300 17300 17500 17500 17500 21500 25900 21500 27800	ER 33200 30600 26200 23100 21200 20900 22400 19600 19300 20100 22400 23900 20100 22400 19300 19800 18800 17900 18800 17900 18800 17900 19300 22900 22900 22900 22900 32500 30100	25300 23800 21900 20400 19500 17300 13000 13000 13000 10700 9360 3980 4270 4000 4620 4330 4270 4000 4620 4330 2240 2150 1380 2240 2150 1380 2230 4020 5510 8650 8650	OCTOBER 23400 21600 19100 17000 12200 12100 1200 1200 2280 2280 1620 1830 2110 1830 2750 2480 2130 1530 1340 918 813 943 1060 1730 1640 2740 4380	24300 22600 20900 19800 17900 12400 12400 12000 8230 6730 6120 2920 2890 2970 2890 2970 2890 2860 3470 3520 1820 1600 1130 918 1240 1530 2700 3340 5580	820 321 207 192 218 222 291 200 311 285 192 275 394 1020 861 264 171 193 164 238 393 643 393 643 485 485 485	NOVEMBER 321 205 173 172 187 204 196 183 185 137 133 148 178 198 226 142 132 136 142 151 159 382 306 314 315 331 60 	489 246 185 180 195 213 213 213 191 220 174 153 201 256 422 368 171 146 152 150 201 278 495 409 487 360 361 192 			

 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.

				Temper	ature,	SHAL	<b>LOW</b> degrees	Celsiu	IS			
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 3				20.9	18.3	19.7	29.5 25.4	21.2 23.0	24.3 23.9			
4 5							27.1 26.2	22.6 21.2	24.3 24.3			
6							26.2	20.5	23.6			
7 8							26.3 22.6	19.9 19.2	22.8 20.8	29.5	21.6	25.2
9 10							25.4	16.3	20.8	27.1 28.5	22.3 21.6	24.7 24.7
11										29.0	20.8	24.5
12 13							27.6 28.5	19.2 20.2	23.4 24.2	23.0 24.6	19.5 20.2	21.5 21.8
14 15				21.2 18.0	15.2 16.6	18.3 17.3	28.5 29.5	21.6 21.2	24.9 24.9	22.6 25.0	19.2 20.2	21.3 22.5
16				23.8	16.0	19.2	23.4	18.3	21.2	25.0	20.9	22.6
17 18				26.7 26.2	19.2 21.2	22.8 22.9	22.7 21.6	17.1 19.2	19.4 20.0	25.4 25.0	20.5 17.7	22.9 21.2
19 20				26.7 28.5	20.9 19.9	23.0 23.5	23.8 26.2	18.6 18.9	21.0 21.8	26.2 23.4	19.2 18.3	22.1 20.2
21				21.9	19.2	20.6	25.4	18.6	22.0			
22 23				25.8 27.6	18.0 20.5	21.3 23.6	21.9 26.2	19.9 18.9	20.7 21.9			
24 25				26.2 24.6	19.9 19.2	22.8 22.1	27.6 29.5	19.5 20.5	23.4 24.8			
26				30.0	20.5	25.0						
27 28				28.5 27.6	22.3 21.6	24.5 24.6						
29 30				26.7 23.0	22.3	24.3				26.2	18.3	23.0
31					20.5	21.7				23.4 27.1	21.6 21.2	22.6 24.0
MONTH				20.0	1 - 0	01 0	00 F		00 7	00 5		
				30.0	15.2	21.9	29.5	16.3	22.7	29.5	17.7	22.8
DAY	MAX	MIN	MEAN	30.0 Max	MIN	MEAN	29.5 MAX	16.3 MIN	MEAN	29.5	1/./	22.8
	MAX		MEAN	MAX		MEAN	MAX		MEAN	29.5	17.7	22.8
	MAX 29.0	MIN SEPTEMBE 23.4	MEAN R 25.9	MAX	MIN	MEAN 15.0	MAX 1 6.7	MIN NOVEMBER 6.0	MEAN 6.4	29.5	1/./	22.8
DAY 1 2 3	MAX 29.0 25.8 21.2	MIN SEPTEMBE 23.4 18.0 17.4	MEAN 28 25.9 21.1 19.0	MAX 18.0 20.2 20.9	MIN OCTOBER 12.1 14.2 14.0	MEAN 15.0 17.2 17.1	MAX 6.7 8.0 9.0	MIN NOVEMBER 6.0 6.4 6.6	MEAN 6.4 7.3 7.7	29.5	1/./	22.8
DAY 1 2	MAX 29.0 25.8	MIN SEPTEMBE 23.4 18.0	MEAN CR 25.9 21.1	MAX 18.0 20.2	MIN OCTOBER 12.1 14.2	MEAN 15.0 17.2	MAX 6.7 8.0	MIN NOVEMBER 6.0 6.4	MEAN 6.4 7.3	29.5	1/./	22.8
DAY 1 2 3 4 5 6	MAX 29.0 25.8 21.2 20.2 21.6 22.6	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1	MAX 18.0 20.2 20.9 18.0 17.7 13.7	MIN OCTOBER 12.1 14.2 14.0 14.2 11.4 11.0	MEAN 15.0 17.2 17.1 16.3 14.6 11.8	MAX 6.7 8.0 9.0 7.1 6.7 7.1	MIN 00VEMBER 6.0 6.4 6.6 6.0 6.0 6.0 6.2	6.4 7.3 7.7 6.5 6.4 6.7	29.5	1/./	22.8
DAY 1 2 3 4 5 6 7 8	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.9 24.6	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 12.5 14.2	MEAN 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 14.5	MIN OCTOBER 12.1 14.2 14.0 14.2 11.4 11.0 10.6 8.4	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.0 6.2 6.7 7.8	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5	29.5	17.7	22.8
DAY 1 2 3 4 5 6 7	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.9	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 12.5	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 14.5 9.7 8.0	MIN OCTOBER 12.1 14.0 14.2 11.4 11.0 10.6 8.4 4 6.7 5.9	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.0 6.0 6.0 6.2 6.7	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6	29.5	17.7	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.9 24.6 26.7 28.1 26.2	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 12.5 14.2 15.5 15.5	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 14.5 9.7 8.0	MIN OCTOBER 12.1 14.0 14.2 11.4 11.0 10.6 8.4 4 6.7 5.9	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 9.6 10.8 8.4	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.0 6.2 6.7 7.8 8.2 7.4	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7	29.5	17.7	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13	MAX 29.0 25.8 21.2 20.2 21.6 22.6 24.6 26.7 28.1 26.2 23.0 26.2	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 14.2 15.5 15.5 15.5 15.0 18.0 18.9	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 14.5 9.7 8.0	MIN OCTOBER 12.1 14.0 14.2 11.4 11.0 10.6 8.4 4 6.7 5.9	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.8 9.0	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.0	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.9 8.5	29.5	1/./	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.9 24.6 26.7 28.1 26.2 23.0	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 12.5 14.2 15.5 15.5 15.0 18.0	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 9.7 8.0	MIN OCTOBER 12.1 14.0 14.2 11.4 11.0 10.6 8.4 4 6.7 5.9	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 9.6 10.8 8.4	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.0 6.2 6.7 7.8 8.2 7.4	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7	29.5	1/./	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.6 26.7 28.1 26.2 23.0 26.2 23.8 19.2 21.9	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.5 12.5 12.5 12.5 15.5 15.5 15.0 18.0 18.9 17.1 17.4 17.1	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0 20.0 20.0 20.1 21.3 20.1 18.5 19.2	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 9.7 8.0 8.0 9.8 13.3 15.5 15.8 11.2	MIN OCTOBER 12.1 14.2 11.4 11.0 10.6 8.4 6.7 5.9 5.2 4.4 6.7 5.9 5.2 4.4 6.7 8.9 11.0 7.3	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8 11.8 13.6 0.6	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.8 9.0 8.8 9.0	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.0 8.2 6.7 5.4	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.9 8.5 8.6 8.4 6.1	29.5	17.7	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MAX 29.0 25.8 21.2 20.2 21.6 22.6 26.7 28.1 26.2 23.8 19.2 21.9 18.3 21.9	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 14.2 15.5 15.5 15.0 18.0 18.9 17.1 17.4 17.1 14.5 15.0	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 6.6 18.8 20.9 21.0 20.0 20.0 20.1 21.3 20.1 18.5 19.2 16.4 18.1	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.5 9.7 8.0 9.8 13.3 15.5 15.8 11.2 12.6 11.0	MIN OCTOBER 12.1 14.2 11.4 11.0 10.6 8.4 6.7 5.9 5.2 4.4 6.7 8.9 11.0 7.3 6.9 7.1	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8 11.8 13.6 9.6 9.0 9.0	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.8 9.0 8.8 9.0 8.8 9.0 6.8 6.9 6.0	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.0 8.2 6.7 5.4 5.2 3.3	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.5 8.6 8.4 6.1 4.5	29.5	17.7	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.9 24.6 26.7 28.1 26.2 23.0 26.2 23.8 19.2 21.9 18.3	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 12.5 15.5 15.5 15.5 15.0 18.0 18.9 17.1 17.4 17.1 14.5	MEAN PR 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0 20.0 20.1 21.3 20.1 18.5 19.2 16.4	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 14.5 9.7 8.0 8.0 9.8 13.3 15.5 15.8 11.2 12.6	MIN OCTOBER 12.1 14.2 11.4 11.0 10.6 8.4 6.7 5.9 5.2 4.4 6.7 8.9 9 11.0 7.3 6.9	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8 11.8 13.6 0.6	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.8 9.0 8.8 9.0	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.0 8.2 6.7 5.4 5.2	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.9 8.5 8.6 8.4 6.1 6.1	29.5	1/./	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.6 20.9 24.6 26.7 28.1 26.2 23.8 19.2 21.9 18.3 21.9 19.2 19.9 21.9	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.5 12.5 12.5 12.5 15.5 15.5 15.0 18.0 18.9 17.1 17.4 17.1 14.5 15.0 15.2 17.4 18.3	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0 20.0 20.0 20.1 21.3 20.1 18.5 19.2 16.4 17.5 18.3 19.9	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.5 9.7 8.0 8.0 9.8 13.3 15.5 15.8 11.2 12.6 11.0 11.4 11.7 13.7	MIN OCTOBER 12.1 14.2 14.0 14.2 11.4 11.0 10.6 8.4 6.7 5.9 5.2 4.4 6.7 8.9 11.0 7.3 6.9 7.1 9.7 7.4	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8 11.8 13.6 9.0 9.0 10.7 9.6	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.8 9.0 8.8 9.0 8.8 9.0 8.8 9.0 8.8 9.0 8.2 8 9.0 8.2 9.0 9.3 9.0 9.0 7.1 7.1 8.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9.2 9	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.0 8.2 6.7 7.4 7.6 8.4 8.0 8.2 6.7 5.4 5.4 5.2 3.3 2.3 1.7	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.9 8.5 8.6 8.4 6.1 6.1 4.5 2.9 2.1	29.5	1/./	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	MAX 29.0 25.8 21.2 20.2 21.6 22.6 26.7 28.1 26.2 23.8 19.2 21.9 18.3 21.9 19.2 19.9 20.9 21.9 18.3	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 14.2 15.5 15.5 15.0 18.0 18.9 17.1 17.4 17.1 14.5 15.0 15.2 17.4	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0 20.0 20.0 20.1 21.3 20.1 18.5 19.2 16.4 18.1 17.5 18.3 19.9 17.7 16.8	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.5 9.7 8.0 9.8 13.3 15.5 15.8 11.2 12.6 11.0 11.4 11.7 13.7 13.7 13.3 15.5 15.8 11.2 12.6 11.0 11.4 11.7 13.7 13.7 13.3 15.5 15.8 11.2 12.6 11.0 10.0	MIN OCTOBER 12.1 14.2 11.4 11.0 10.6 8.4 6.7 5.9 5.2 4.4 6.7 8.9 11.0 7.3 6.9 11.0 7.3 6.9 7.1 9.7 7.4 9.0 8.4 5.9	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8 11.8 13.6 9.0 9.0 9.0 10.7 9.6 11.1 10.3 7.9	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.0 8.8 9.0 8.8 9.0 8.8 9.0 8.8 9.0 8.2 3 9.0 8.2 9.0 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.0 8.2 6.7 5.4 5.4 5.2 3.3 2.3 1.7 1.7 1.2 0.8	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.5 8.6 8.4 6.1 4.5 2.9 2.1 1.2	29.5	1/./	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.9 24.6 26.7 28.1 26.2 23.8 19.2 21.9 18.3 21.9 18.3 21.9 19.9 21.9 20.9	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 12.5 14.2 15.5 15.5 15.0 18.0 18.9 17.1 17.4 17.1 17.4 17.1 14.5 15.0 15.2 17.4 18.3 14.5	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0 20.0 20.1 20.1 20.1 18.5 19.2 16.4 18.1 17.5 18.3 19.9 17.7	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 8.0 8.0 9.8 13.3 15.5 15.8 11.2 12.6 11.0 11.4 11.7 13.7 13.7 13.0	MIN OCTOBER 12.1 14.2 11.4 11.0 10.6 8.4 6.7 5.9 5.2 4.4 6.7 5.9 5.2 4.4 6.7 7.3 6.9 7.1 9.7 7.4 9.0 8.4 5.9 5.2 4.4 6.7 7.1 9.7 7.4 9.0 8.4 5.9 5.9	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8 11.8 13.6 9.6 9.0 9.0 9.0 10.7 9.6 11.1 10.3	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.8 8.4 9.3 9.0 6.8 6.9 6.0 4.0 2.3 2.6 2.0	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.2 7.4 7.6 8.4 8.0 8.2 6.7 5.4 5.2 3.3 2.3 1.7 1.7	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.9 8.5 8.6 8.4 6.1 4.5 2.9 2.1 1.5	29.5	1/./	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.4 26.7 28.1 26.2 23.8 19.2 21.9 18.3 21.9 19.2 19.9 20.9 21.9 20.9 18.3 21.9 19.2 19.2 19.2 19.2 19.2 21.4	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.5 12.5 12.5 15.5 15.5 15.0 18.0 18.9 17.1 17.4 17.1 14.5 15.0 15.2 17.4 17.4 17.4 17.1 14.5 15.2 16.3 11.4 12.8	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0 20.0 20.0 20.1 21.3 20.1 18.5 19.2 16.4 18.1 17.5 18.3 19.9 17.7 16.8 17.2 16.1 15.8	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 14.7 14.5 9.7 8.0 8.0 9.8 13.3 15.5 15.8 11.2 12.6 11.0 11.4 11.7 13.7 13.7 13.0 11.0 11.4 11.7 13.3 15.5 15.8	MIN OCTOBER 12.1 14.2 11.4 11.0 10.6 8.4 6.7 5.9 5.2 4.4 6.7 8.9 11.0 7.3 6.9 7.1 9.7 7.4 9.0 8.4 5.4 6.7	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8 11.8 13.6 9.0 9.0 10.7 9.6 11.1 10.3 7.9 7.6 9.1	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.0 8.8 9.0 8.8 9.0 8.8 9.0 8.8 9.0 8.2 3 2.6 2.0 1.9 1.6 1.5 1.1	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.2 7.4 7.6 8.4 8.2 6.7 5.4 5.4 5.2 3.3 2.3 1.7 1.7 1.2 0.8 0.6 0.5 0.4	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.9 8.5 8.6 8.4 6.1 4.5 2.9 2.1 1.5 1.2 1.0 0.9 0.7	29.5	1/./	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	MAX 29.0 25.8 21.2 20.2 21.6 22.6 26.7 28.1 26.2 23.8 19.2 21.9 18.3 21.9 19.2 19.9 20.9 21.9 21.9 18.3 18.0 19.2 17.4 18.5	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 14.2 15.5 15.5 15.5 15.0 18.0 18.9 17.1 17.4 17.1 14.5 15.0 15.2 17.4 18.3 14.5 15.2 16.3 11.4 12.8 12.8 13.5	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0 20.0 20.0 20.1 21.3 20.1 13.3 20.1 18.5 19.2 16.4 18.1 17.5 18.3 19.9 17.7 16.8 17.5 18.3 19.9 17.7 16.8 17.5 18.3 19.9 17.7 16.8 17.5 18.3 19.9 15.8 15.8 15.2	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 14.5 9.7 8.0 8.0 9.8 13.3 15.5 15.8 11.2 12.6 11.0 11.4 11.7 13.7 13.0 10.2 10.2 10.2 11.9 13.3 12.8 13.9 13.7 13.7 13.7 13.0 13.7 13.7 13.7 13.7 13.0 13.7 13.7 13.0 13.8 13.3 15.5 15.8 11.9 13.7 13.7 13.0 10.2 10.2 11.9 13.3 12.8 12.8 12.8 12.8 12.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.9 13.8 12.8 13.9 13.9 13.9 13.9 13.9 13.8 12.8 13.9 13.9 13.9 13.8 12.8 12.8 13.9 13.9 13.9 13.8 12.8 12.8 12.8 12.9 13.9 13.9 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 12.8 13.9 12.8 12.8 12.8 12.8 12.8 12.8 13.3 12.8 12.8 12.8 12.8 12.8 12.8 12.8 13.9 12.8 13.8 13.8 14.8 14.8 15.8	MIN OCTOBER 12.1 14.2 11.4 11.0 10.6 8.4 6.7 5.9 5.2 4.4 6.7 8.9 11.0 7.3 6.9 11.0 7.3 6.9 7.1 9.7 7.4 9.0 8.9 5.4 6.7 8.9 9 7.1 9.7 7.4 9.0 8.4 6.7 7.3 9.9 9.9 9.9	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8 11.8 13.6 9.0 9.0 10.7 9.6 11.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.0 10.3 7.9 7.6 9.0 10.3 7.9 7.6 9.0 10.3 7.9 7.6 9.0 10.3 7.9 7.6 9.0 10.3 7.9 7.6 9.0 10.3 7.9 7.6 9.0 10.3 7.9 7.6 9.0 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.3 7.9 7.6 9.1 10.5	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.0 8.8 9.0 8.8 9.0 8.8 9.0 8.8 9.0 8.8 9.0 8.2 3 9.0 8.2 1.1 1.1 2.9 1.6 1.5	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.0 8.2 6.7 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4 5.4	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.5 8.6 8.4 6.1 4.5 2.9 2.1 1.5 1.2 1.0 0.9 0.7 1.9 0.7	29.5	1/./	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.9 24.6 26.7 28.1 26.2 23.8 19.2 21.9 18.3 21.9 18.3 21.9 19.2 19.9 21.9 20.9 18.3 19.2 19.2 19.2 19.2 19.2 19.2 19.2 19.2	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.5 12.5 14.2 15.5 15.5 15.5 15.0 18.0 18.0 18.9 17.1 17.4 17.1 14.5 15.0 18.0 18.9 17.1 17.4 17.1 14.5 15.2 17.4 18.3 14.5 15.2 17.4 18.3 11.4	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0 20.0 20.0 20.1 21.3 20.1 18.5 19.2 16.4 18.3 19.9 17.7 16.8 17.5 18.3 19.9 17.7 16.8 17.2 16.1 15.8 16.0 15.2 13.8 13.9	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 14.5 9.7 8.0 8.0 9.8 13.3 15.5 15.8 11.2 12.66 11.0 11.4 11.7 13.7 13.7 13.0 11.0 11.4 11.7 13.7 13.0 11.0 11.4 11.9 13.3 12.8 13.3 13.5 15.8 13.7 14.7 14.7 14.7 14.7 14.7 14.7 15.8	MIN OCTOBER 12.1 14.2 14.0 14.2 11.4 11.0 10.6 8.4 4.6.7 5.9 5.2 4.4 4.6.7 5.9 5.2 4.4 4.6.7 5.9 5.2 4.4 4.6.7 7.3 6.9 7.1 9.7 7.4 9.0 8.4 5.9 5.7 8.4 5.9 7.6 8.4 5.9 7.6 8.4 6.7 7.7 8.9 11.0 7.3 6.9 7.7 8.9 11.0 7.3 6.9 7.7 8.4 8.4 8.4 8.4 8.4 8.9 11.0 7.3 6.9 7.7 8.7 8.9 11.0 7.3 6.9 7.7 7.4 8.4 8.4 8.4 8.4 8.4 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5 8.5	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8 11.8 13.6 9.6 9.0 10.7 9.6 11.1 10.3 7.9 9.6 9.0 10.7 9.6 11.1 10.3 7.9 5.1	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.0 8.8 9.0 6.8 6.9 0.0 2.3 2.6 2.0 1.9 1.5 1.1 2.9	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.2 7.4 7.6 8.4 8.2 6.7 5.4 5.2 3.3 2.3 1.7 1.7 1.2 0.8 0.6 0.5 0.4 1.1 	MEAN 6.4 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.9 8.5 8.6 8.4 6.1 4.5 2.9 2.1 1.5 1.2 1.0 0.9 0.7 1.9 	29.5	1/./	22.8
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	MAX 29.0 25.8 21.2 20.2 21.6 22.6 20.4 26.7 28.1 26.2 23.8 19.2 21.9 18.3 21.9 18.3 21.9 21.9 21.9 20.9 21.9 21.9 21.9 21.9 21.9 21.9 21.9 21	MIN SEPTEMBE 23.4 18.0 17.4 15.5 12.8 12.5 12.5 15.5 15.5 15.0 18.0 18.9 17.1 17.4 17.1 14.5 15.0 15.2 17.4 17.1 14.5 15.2 16.3 11.4 12.8 12.8 13.5 11.2	MEAN R 25.9 21.1 19.0 18.4 16.8 17.1 16.6 18.8 20.9 21.0 20.0 20.0 20.1 21.3 20.1 18.5 19.2 16.4 18.1 17.5 18.3 19.9 17.7 18.3 19.9 17.7 16.8 17.2 16.1 15.8 16.0 15.8 17.2 16.1 15.8 16.0 15.8 17.	MAX 18.0 20.2 20.9 18.0 17.7 13.7 14.7 14.5 9.7 8.0 8.0 9.8 13.3 15.5 15.8 11.2 12.6 11.0 11.4 11.7 13.7 13.0 10.2 10.2 10.2 11.9 13.3 12.8 4.4	MIN OCTOBER 12.1 14.2 11.4 11.0 10.6 8.4 6.7 5.9 5.2 4.4 6.7 8.9 11.0 7.3 6.9 7.1 9.7 7.4 9.0 8.4 5.4 6.7 7.4 9.0 8.4 5.4 6.7 7.4 9.0 8.4 5.4 6.7 7.3 9.7 7.4 9.0 8.4 5.4 6.7 7.3 9.7 7.4 9.0 8.4 9.5 7.4 9.5 7.4 9.5 7.4 9.5 7.4 9.5 7.4 9.5 7.4 9.5 7.4 9.5 7.4 9.5 7.4 9.5 7.4 9.5 7.4 9.5 7.4 7.4 9.5 7.4 9.5 7.4 9.5 7.4 7.4 9.5 7.4 9.5 7.4 7.4 9.5 7.4 7.4 9.5 7.4 7.4 9.5 7.4 9.5 7.4 7.4 9.5 7.4 7.4 9.7 7.4 9.5 7.4 9.5 7.4 7.4 9.7 7.4 9.5 7.4 9.5 7.4 9.5 7.4 7.4 9.5 7.4 7.5 9 7.4 9.7 7.4 9.5 9 7.4 9.5 7.4 9.5 7.4 9.5 7.4 9.5 7.4 9.7 7.4 9.5 7.4 9.5 7.4 9.7 7.4 9.5 7.4 9.7 7.4 9.7 7.4 9.5 7.4 9.7 7.4 9.7 7.4 9.5 7.4 9.7 7.4 9.7 7.4 9.5 7.4 9.7 7.4 9.5 7.4 9.7 7.4 9.5 7.4 9.5 7.4 9.7 7.4 9.5 7.4 9.5 7.4 9.7 7.4 9.5 7.5 7.4 9.5 7.5 9.5 7.4 9.5 7.5 9.5 7.4 9.5 7.5 9.5 7.5 9.5 7.5 9.5 7.5 9.5 7.5 9.5 7.5 9.5 7.5 9.5 7.5 7.5 9.5 7.5 7.5 9.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7	MEAN 15.0 17.2 17.1 16.3 14.6 11.8 12.5 11.3 7.8 7.0 6.2 7.1 9.8 11.8 13.6 9.0 9.0 10.7 9.6 11.1 10.3 7.9 7.6 9.1 10.6 11.5 10.7 5.9	MAX 6.7 8.0 9.0 7.1 6.7 7.1 8.6 9.6 10.8 8.4 9.3 9.0 8.8 9.0 8.8 9.0 6.8 6.0 4.0 2.3 2.6 2.0 1.9 1.6 1.5 1.1 2.9 	MIN NOVEMBER 6.0 6.4 6.6 6.0 6.2 6.7 7.8 8.2 7.4 7.6 8.4 8.2 7.4 7.6 8.4 8.2 6.7 5.4 5.4 5.2 3.3 2.3 1.7 1.7 1.2 0.8 0.6 0.5 0.4 1.1 	MEAN 6.4 7.3 7.7 6.5 6.4 6.7 7.6 8.5 9.0 7.7 8.4 8.9 8.5 8.6 8.4 6.1 4.5 2.9 2.1 1.5 1.2 1.0 0.9 0.7 1.9 0.7	29.5		22.8

**Table A18.** Specific conductance and water temperature data collected May-November 2000 at station 104 (USGS identifier442509068181901) Northeast Creek near Bar Harbor, ME - Continued.

				Tompor	-+	DEE		Coloin				
DAY	MAX	MIN	MEAN	тепрет	MIN	MEAN	degrees MAX	MIN	MEAN	MAX	MIN	MEAN
DAI	1111X	MAY	INDAN	- MAY	JUNE	MACIN	LTAX.	JULY	PILAN	LTAX	AUGUST	1-ILFAN
1 2				20.2	15.8 18.0	17.6 19.4	24.6	20.5 21.6	21.4 22.9			
3 4 5		 	 			 	24.2 25.0 26.7	23.0 22.6 22.6	23.6 23.7 24.9		 	
6 7 8							26.2 25.8 25.0	22.6 24.1 23.8	24.9 25.0 24.2	 29.5	23.0	25.9
9 10							26.2	23.4	24.2	29.5 26.2 28.5	23.0 22.6 22.6	23.9 24.4 25.5
11 12							25.4		23.0	26.7 25.4		24.7 23.3
13 14 15	 		 	19.9 18.3	15.2 16.9	17.6 17.5	26.3 27.1 27.6	21.2 21.9 21.6	23.9 24.6 24.9	24.2 24.1 23.8	21.6 23.0 23.0	23.2 23.6 23.6
16 17 18 19	 15.5 14.5	 13.2 12.3	 14.0 13.3	20.5 24.2 23.8 22.6	16.0 19.2 21.2 20.9	17.7 21.4 22.0 21.7	26.2 20.2 21.2 22.6	18.3 17.1 19.2 18.3	21.8 18.8 20.3 20.3	25.4 25.8 26.2 25.8	23.4 23.8 22.6 22.3	24.5 24.7 24.5 23.8
20 21	16.6 16.3	11.4 13.2	13.9 14.7	23.8 22.6	20.2 19.6	21.8 20.7	21.9 23.8	18.3 18.3	20.4 20.8	22.3		20.8
22 23 24 25	17.4 15.8 14.0	13.2 14.2 13.7 11.4 10.6	15.6 14.6 12.5 11.1	21.6 24.2 24.2 24.2 24.2	18.3 20.5 20.2 20.2	19.7 22.3 22.0 21.9	22.3 25.0 23.8 25.0	20.2 19.2 19.2	20.9 21.2 21.5 22.8	  	 	  
26 27		10.8 13.7	13.3 15.3	24.6 25.0	20.9 23.0	22.5 23.9						
28 29 30	16.0 15.2 17.4	14.2 13.0 12.1	14.8 14.0 14.9	25.4 25.0 23.8	21.6 22.6 20.5	23.6 23.7 22.2		 	 	25.0 24.1	21.9 22.2	23.8 22.8
31 MONTH	18.6 18.6	14.0 10.6	16.2 14.2	25.4	15.2	21.0	27.6	 17.1	22.6	24.2 29.5	21.9 18.9	22.8 23.9
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
		SEPTEMBE	R		OCTOBER		N	IOVEMBER				
1 2 3 4 5	26.2 26.2 21.9 21.2 20.5	23.4 21.6 20.9 19.9 15.5	24.8 24.7 21.3 20.5 18.2	17.4 17.7 19.2 18.6 16.9	13.2 15.8 15.8 16.3 12.5	15.2 16.8 17.5 17.2 14.5	6.7 8.2 9.0 7.3 6.7	6.0 6.6 6.7 6.2 6.2	6.5 7.3 7.7 6.6 6.5			
6 7 8 9 10	19.9 20.9 21.9 23.8 22.3	14.4 15.2 16.6 17.7 16.6	17.0 17.8 19.1 20.6 19.6	14.5 13.7 14.0 12.8 8.9	11.0 11.6 12.8 8.2 7.4	12.5 12.6 13.4 10.3 8.2	7.3 8.6 9.6 10.8 8.4	6.2 6.7 7.8 8.4 7.6	6.7 7.6 8.5 9.1 7.8			
11 12 13 14	21.2 20.9 22.7 21.2	16.3 18.0 19.9 17.1	19.0 19.4 21.0 19.5	8.4 8.6 10.6 15.0	6.2 5.7 8.2 8.9	7.3 6.9 9.4 11.4	9.3 10.0 9.0 9.0	7.6 8.6 8.2 8.4	8.4 9.0 8.6 8.6			
15 16 17 18 19	19.8 21.9 18.9 19.6 18.6	18.3 18.0 15.2 15.0 15.8	19.1 19.7 16.8 16.8 17.2	15.5 11.6 12.6 11.4 11.4	11.2 8.2 7.6 7.6 9.9	13.5 9.8 9.8 9.6 10.8	9.0 6.9 6.2 4.1	6.9 5.2 5.4 3.3 2.3	8.5 6.1 4.6 3.1			
20 21 22 23 24	19.9 20.9 20.2 17.7 18.3	17.4 18.6 15.0 15.0 16.8	18.1 19.6 17.8 16.4 17.3	11.0 12.1 12.1 9.5 8.0	7.3 9.3 8.9 6.4 6.0	8.9 10.3 10.2 7.5 7.0	2.4 2.8 2.2 2.0 1.8	1.9 1.7 1.2 0.9 0.6	2.2 2.2 1.6 1.3 1.1			
25 26 27 28 29 30	18.9 17.1 18.3 16.6 15.8 16.6	14.2 15.5 15.7 15.2 13.2 13.7	16.9 16.5 16.8 15.9 14.4 15.2	10.8 12.8 12.6 12.3 10.3 6.7	7.3 8.9 9.3 10.1 5.2 4.1	9.0 10.9 11.5 11.6 7.0 5.6	1.6 1.1 2.9  	0.6 1.1  	1.0 0.8 1.9 			
31 MONTH	26.2	13.2		6.4 19.2	5.7 4.1	6.1 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.]

: 0.2 m a	bove the	stream	bottom.j			CHATT	OF					
Sp	ecific	condu	ictance,	water,	micro	SHALL siemens		centimet	er at i	25 degre	es Cels	sius
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MA	X MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1				70	56	59	332		418	21700	5640	16100
2 3				81 104	58 66	66 77	1480 2450		12300 22200	27100 27800	12000 12000	24400 23000
4				1010	64	168	2930	0 23500	27600	22800	10100	14600
5				6820	84	4370	2810	0 11600	20300	15900	9080	12100
6				6810	850	5980	2320		12400	11600	5770	8530
7 8				6810 494	494 137	3210 226	303 135		1850 1110	11700 3660	1710 1670	6080 2700
9				280	95	156	113		600	3680	1400	2270
10				128	76	94				6160	2040	3790
11 12				157 147	100 105	137 125				5750 5680	2720 2600	4440 4880
13				140	77	100				5420	3250	4130
14 15				157 184	82 97	115 144				6140 6130	3120 3010	4430 4410
16 17				152 123	94 71	121 89				10500 9470	3340 4690	7910 7610
18	67	63	65	96	73	81				9740	5260	6940
19 20	69 61	60 59	64 60	112 117	67 79	78 100				10300 9050	3470 3830	6740 6580
21 22	63 70	61 62	61 64	138 120	95 73	122 98						
23	69	63	66	112	67	83 93						
24 25	64 59	55 46	61 50	112 123	74 90	109						
26	50	44	46	119	76	95						
27	50	46	48	105	71	83	57	3 329	397			
28 29	51 52	48 50	49 51	115 422	71 72	94 122	134 375		582 1370			
30	57	51	54	1030	65	217	617	0 2340	4130	19700	13300	17200
31	63	53	58				1520	0 3740	9120	20500	12200	18200
MONTH	70	44	57	6820	56	554	2930	0 147	8170	27800	1400	9410
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MA	X MIN	MEAN			
	S	SEPTEMBI	ER		OCTOBER			NOVEMBER				
1	19100	13900	16700	12700	10100	11100	15	0 41	76			
2	18800	13700	16700 17500	11700 11400	10200	10600	4		38 43			
3 4	18700 17600	15900 12000	14300	11400	10500 10900	10800 11200	10		43 99			
5	13000	11200	12100	11600	11000	11400	13	4 105	120			
6	13000	11700	12500	11500	7280	9970	12		121			
7 8	13400 13700	12100 12300	12900 13000	7280 2610	2130 1790	3420 2190	12 22		118 130			
9	14500	11700	13100	3920	1950	2510	14	2 87	112			
10	14500	11300	12600	2520	780	1340	9	6 82	89			
11		5740	10600 14900	836 815	613	713 730	10 13		97			
12 13	16000 15800	13800 3440	7500	813	661 704	748	20		115 128			
14 15	15500 17600	5480 12300	13800 14700	984 1190	792 827	881 957	29 15		150 128			
16 17	16600 16600	12900 11400	14900 13500	1400 1480	1120 1310	1240 1420	10 15		91 99			
18	12000	9830	10600	1770	1020	1400	19	5 85	103			
19 20	11900 11200	9600 9570	10300 10100	1610 566	566 332	1260 409	27 10		117 101			
21 22	12500 14200	9850 11200	11100 12000	405 771	347 377	384 585	10 9		103 87			
23	13000	10600	11300	735	415	568	9	6 85	88			
24 25	12600	9520	11100	515 511	269 271	433 385	24 20		123 122			
26 27	17400 20100	11000 13100	13300 17100	621 680	306 416	448 508	21 10		137 65			
28 29	21300 21500	14300	17400 16200	948 959	544 771	695 834						
30	15700	13700 12000	13700	959	524	797						
31				524	150	320						
MONTH	21500	3440	13300	12700	150	2910	29	9 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.

Sp	ecific	c condu	ctance,	water,	micros	iemens		timeter	at 25	degrees	Celsius	3
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1										24900	18800	23100
2 3										28000 29800	24200 27500	26800 28700
4										29300	28200	28800
5										29400	27900	28500
6 7							29100	16300	21500	28700 28200	27600 27400	28100 27900
8							26100	22000	23700	27900	25400	26600
9 10							23300	9900	19100	26500 25800	22700 16100	25300 21800
11										24000	18900	22000
12 13										25600 23300	23300 19900	24400 21200
14										25000	20100	23200
15										25200	20100	24400
16 17										23800 22500	19200 15200	21100 18800
18										21700	17000	19200
19 20										22300 21500	16200 13000	18900 17200
21												
22												
23 24												
25												
26												
27 28							890 4000	188 459	456 2360			
29							6580	3780	5210		10700	22000
30 31							9350 19900	6580 7600	7960 17400	23600 26500	18700 22700	22000 25100
MONTH							29100	188	12200	29800	13000	23800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN						
		SEPTEMBI			OCTOBER							
1	20700			27400		25.000						
1 2	28700 29600	25800 25900	27100 28500	27400 25700	24500 23400	25600 24600						
3 4	29900 29400	27800 27500	28900 28700	25700 23700	23500 21300	24800 22200						
5	29500	24900	27300	21500	20800	21100						
6	29900	25400	27500	22900	12000	19800						
7 8	29400 28700	26100 24800	28000 26600	15200 8280	6780 4760	8980 6300						
9	26600	23000	25000	4760	2620	4080						
10	25800	23800	24500	3120	754	1460						
11 12	25600 25500	23300 23800	24300 24600	951 1050	590 781	758 899						
13	24700	19900	22300	1530	800	995						
14 15	22400 24100	19400 20000	21200 21700	1760 1900	971 800	1200 1140						
16	22200	20000	21500	2210	1140	1420						
17	21600	20400	21000	2010	1420	1560						
18 19	21100 20900	20300 20000	20800 20400	2460 1730	1100 828	1570 1360						
20	21400	20000	20600	828	278	518						
21	21200	19700	20600	662	246	388						
22 23	20500 18800	17200 17100	19100 17700	838 837	335 453	590 710						
24 25	19200	16000	17700	776 750	338 250	589 460						
26 27	19900 20800	15600 17900	16700 19300	672 697	306 276	440 437						
28 29	23300 25100	19100 22900	20900 24500	975 883	416 667	610 749						
30	27900	24700	26500	914	396	783						
31				396		150						

5690

246

MONTH 29900

15600

27400

23200

### DEEP

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.

				<b>m</b>	- 4	SHALI		<b>G</b> - 1 - <i>i</i> -				
				Temper	ature,	water,	degrees	Celsiu	IS			
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 3				20.5 20.2	16.8 16.0	18.3 17.9	24.5 24.1	21.5 23.0	22.8 23.4	26.2 25.8	23.7 23.0	24.5 24.4
4 5				18.9 20.2	15.7 15.7	17.5 18.1	25.3 25.8	23.7 23.7	24.2 24.5	28.5 29.5	23.0 22.6	25.7 25.8
6				19.5								
7				16.5	16.0 13.4	17.9 14.7	25.3 24.5	20.8 19.2	23.2 21.3	29.5 24.1	21.9 19.8	25.3 21.7
8 9				17.7 19.8	12.5 14.4	14.9 17.2	21.5 24.9	17.1 13.4	19.2 19.2	30.5 27.1	20.2 17.1	24.4 22.3
10				18.6	16.5	17.2				28.5	18.6	23.6
11 12				16.5 18.9	14.4 13.7	15.2 16.2				28.0 23.7	17.7 16.0	23.0 20.6
13				18.3	13.9	16.1				24.5	18.6	21.1
14 15				20.2 16.8	14.4 15.4	17.3 16.2				23.3 24.9	18.9 20.2	21.3 22.2
16				23.0	15.4	18.2				24.5	20.8	22.3
17 18	14.4	12 0	13.6	26.6 24.5	18.6	21.7 21.3				25.8	19.2 17.1	22.5 21.5
19	13.4	13.0 11.6	12.8	26.2	18.9 18.6	21.4				26.2 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 22	16.0 17.4	13.4 13.7	14.4 15.2	21.5 24.9	18.3 17.4	19.5 20.6						
23	15.2	13.2	14.2	24.9	19.5	22.3						
24 25	13.2 11.4	10.5 10.1	12.0 10.8	25.3 24.1	18.9 18.3	21.6 21.4						
26	16.0	10.5	12.9	27.5	19.8	23.0						
27 28	16.0 15.2	13.7 13.9	14.9 14.4	25.8 29.5	20.8 20.5	22.9 24.1	22.2 24.1	19.2 18.3	20.0 21.1			
29	14.7	13.2	13.8	25.8	21.5	23.6	27.5	20.5	23.9			
30 31	17.7 19.2	12.0 13.9	14.7 16.2	23.3	19.2	20.8	24.5 25.8	21.9 21.2	23.4 23.8	25.3 27.5	21.5 21.2	23.3 24.4
				00 F	10 5	10.0	07 F	13.4	00 1	20 5	10.0	22.0
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
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
MONTH DAY	19.2 MAX	10.1 MIN	13.8 MEAN	29.5 MAX	12.5 MIN	19.2 MEAN	27.5 MAX	MIN	MEAN	30.5	10.0	23.0
	MAX		MEAN			MEAN	MAX			30.5	10.0	23.0
DAY	MAX	MIN SEPTEMBE	MEAN IR	MAX	MIN OCTOBER	MEAN	MAX	MIN IOVEMBER	MEAN	30.5	16.0	23.0
DAY 1 2	MAX 29.5 25.3	MIN SEPTEMBE 23.0 19.8	MEAN CR 25.8 22.6	MAX 18.9 19.8	MIN OCTOBER 11.4 14.4	MEAN 14.6 16.6	MAX N 6.7 7.6	MIN NOVEMBER 6.0 6.4	MEAN 6.3 7.0	30.5	16.0	23.0
DAY 1 2 3 4	MAX 29.5	MIN SEPTEMBE 23.0	MEAN IR 25.8	MAX 18.9	MIN OCTOBER 11.4	MEAN 14.6	MAX N 6.7	MIN NOVEMBER 6.0	MEAN 6.3	30.5	10.0	23.0
DAY 1 2 3	MAX 29.5 25.3 21.5	MIN SEPTEMBE 23.0 19.8 19.2	MEAN CR 25.8 22.6 20.2	MAX 18.9 19.8 21.2	MIN OCTOBER 11.4 14.4 13.9	MEAN 14.6 16.6 17.3	MAX N 6.7 7.6 8.0	MIN IOVEMBER 6.0 6.4 6.5	MEAN 6.3 7.0 7.2	30.5	10.0	23.0
DAY 1 2 3 4 5 6	MAX 29.5 25.3 21.5 21.2 20.8 22.2	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5	MEAN 25.8 22.6 20.2 19.3 16.8 17.1	MAX 18.9 19.8 21.2 17.7 17.7 13.2	MIN OCTOBER 11.4 14.4 13.9 13.7 11.8 11.4	MEAN 14.6 16.6 17.3 15.8 14.5 12.4	MAX 6.7 7.6 8.0 6.9 6.7 6.9	MIN IOVEMBER 6.0 6.4 6.5 5.8 6.0 6.4	MEAN 6.3 7.0 7.2 6.4 6.3 6.7	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9	MIN OCTOBER 11.4 14.4 13.9 13.7 11.8 11.4 10.9 8.9	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5	MAX 6.7 7.6 8.0 6.9 6.7 8.0 8.0 8.9	MIN NOVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.4 6.7 7.8	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6	MAX 18.9 19.8 21.2 17.7 17.7 17.7 13.2 13.7	MIN OCTOBER 11.4 14.4 13.9 13.7 11.8 11.4 10.9	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0	MIN IOVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 25.3	MIN SEPTEMBE 23.0 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4	MEAN 27. 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.6	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 8.9 7.6 6.7 5.8	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.9 9.7 8.2	MIN 00VEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.3 23.3 24.1	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2 15.2 15.2 11.4 9.1 17.7	MEAN 27. 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.3	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.6	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 8.9 7.6 6.7 5.8	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.9 9.7 8.2 8.9 9.3	MIN OVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 7.6 8.2	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.5 7.9 8.3 8.6	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 25.3 23.3 24.1 24.9 24.1	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 17.7 18.6 16.0	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 8.1 17.7 20.4 18.1 17.7 20.3 21.2 219.7	MAX 18.9 19.8 21.2 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0 14.2	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 7.6 6.7 5.8 5.0 6.9 8.9	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8 11.6	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.9 9.7 8.2 8.9 9.3 8.2 8.9 9.3 8.7	MIN OVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 7.6 8.2 7.6 8.2	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.6 8.3 8.4	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13	MAX 29.5 25.3 21.5 21.2 20.8 22.9 24.1 25.8 25.3 24.1 24.9	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 17.7 18.6	MEAN 2R 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.4 18.1 17.7 20.2	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 8.9 7.6 6.7 5.8 5.0 6.9	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8	MAX 6.7 7.6 8.0 6.9 8.0 8.9 9.7 8.2 8.9 9.7 8.2 8.9 9.7 8.2 8.9 9.3 8.2	MIN 00VEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 7.6 8.2 7.8 8.2 7.2	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.6 8.3	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 25.3 23.3 24.1 24.9 24.1 19.5 21.9	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 17.7 18.6 16.0 16.3 16.5	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.3 21.2 19.7 17.8 19.1	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0 14.2 14.9 11.4	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 7.6 6.7 5.8 5.0 6.9 8.9 11.4 8.5	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.9 9.7 8.2 8.9 9.3 8.7 8.7 8.7 8.7 8.7 8.7	MIN OVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 7.6 8.2 7.6 8.2 7.2 5.5	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.6 8.3 8.4 8.4 6.1	30.5	10.U	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 24.1 24.9 24.1 19.5 21.9 24.1 19.5 21.9 24.1	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 7.7 18.6 16.0 16.3 16.5 15.2 14.2	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.3 21.2 19.7 17.8 19.1 17.5 18.0	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0 14.2 14.9 11.4 9.7	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 7.6 6.7 5.8 5.0 6.9 8.9 11.4 8.5 8.2 7.8	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7 9.5 9.0	MAX 6.7 7.6 8.0 6.9 8.0 8.9 9.7 8.2 8.9 9.7 8.2 8.9 9.3 8.2 8.7 8.7 8.7 8.7 8.7 8.9 9.3 8.7 8.7 8.7 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0	MIN 00VEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 7.6 7.6 7.6 8.2 7.8 8.2 7.2 5.5 5.3 3.1	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.6 8.3 8.4 8.4 8.4 6.1 6.0 4.7	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 25.3 24.1 24.9 24.1 19.5 21.9 19.2	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 7.7 18.6 16.0 16.3 16.5 15.2 14.2	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.3 21.2 7 17.7 8 19.7 17.8 19.1 17.5	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0 14.2 14.9 11.4 9.7	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 8.9 7.6 6.7 5.8 5.0 6.7 5.8 5.0 6.9 11.4 8.5 8.2	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.9 9.7 8.2 8.9 9.3 8.7 8.7 8.7 8.9 7.2 6.9	MIN OVEMBER 6.0 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 8.2 7.6 8.2 7.6 8.2 7.2 5.5 5.3	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.5 7.9 8.3 8.6 8.3 8.4 6.1 6.0	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 25.3 23.3 24.1 19.5 24.9 24.1 19.5 21.9 19.2 23.0 20.5	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 7.7 18.6 16.0 16.3 16.5 15.2 14.2 15.2 14.2 15.2 14.7 7	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.4 18.1 17.7 20.2 19.7 17.8 19.1 17.5 18.0 18.1	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0 14.2 14.9 11.4 12.1 9.7 10.5 11.6 13.5	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 8.9 7.6 6.7 5.8 5.0 6.9 8.9 11.4 8.5 8.2 7.8 9.3 7.8 8.3	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 1.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7 9.5 9.0 10.1 9.5 10.7	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.0 8.9 9.7 8.2 8.9 9.3 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.9 9.3 8.7 8.7 8.3 8.7 8.7 8.9 9.3 8.7 8.7 8.7 8.9 9.3 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7	MIN OVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 8.2 7.6 8.2 7.6 8.2 7.2 5.5 5.3 3.1 2.0	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.4 8.4 8.4 6.1 6.0 4.7 2.9	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 25.3 23.3 24.1 19.5 21.9 19.2 23.0 20.5 20.5 23.3 22.2	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 17.7 18.6 16.0 16.3 16.5 15.2 14.2 15.2 14.2 17.7 18.9 16.5	MEAN 25.8 25.8 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.3 21.2 19.7 17.8 19.1 17.5 18.0 18.1 19.1 20.7 18.9	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0 14.2 14.9 11.4 12.1 9.7 10.5 11.6 13.5	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 8.9 7.6 6.7 5.8 5.0 6.9 8.9 11.4 8.5 8.2 7.8 9.3 7.8 8.3	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7 9.5 9.0 10.1 9.5 10.7 9.8	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.9 9.7 8.2 8.9 9.3 8.7 8.7 8.9 9.3 8.7 8.7 8.9 9.3 8.7 8.9 9.3 8.7 8.2 8.9 9.3 8.7 8.2 8.2 8.4 2.6 1.9 6.1 1.9 6.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	MIN OVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 7.6 8.2 7.2 7.2 5.5 5.3 3.1 2.0 1.7 1.7	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.6 8.3 8.4 6.1 6.0 4.7 2.9 2.0 2.0 1.5	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 25.3 24.1 19.5 21.9 24.1 19.5 21.9 24.1 24.9 24.1 25.8 25.3 24.1 24.9 24.1 25.5 20.5 20.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21	MIN SEPTEMBE 23.0 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 17.7 18.6 16.0 16.3 16.5 15.2 14.2 15.2 14.2 15.2 17.7 18.9 16.5 15.2 16.5 15.2 16.0	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.4 18.1 17.7 20.3 21.2 19.7 17.8 19.1 17.5 18.0 18.1 19.1 20.7 18.9 16.5 17.0	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.66 11.0 13.0 14.2 14.9 11.4 12.1 9.7 10.5 11.6 13.5 11.4 9.9 11.0	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 8.9 7.6 6.7 5.8 5.0 6.9 8.9 11.4 8.5 8.2 7.8 8.3 8.3 8.3 8.3 6.0	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7 9.5 9.0 10.1 9.5 10.7 9.8 8.1	MAX 6.7 7.6 8.0 6.9 6.7 8.9 9.7 8.2 8.9 9.3 8.2 8.9 9.3 8.7 8.7 8.7 8.7 8.7 8.7 8.9 7.2 6.9 0.3 8.2 4 2.4 2.6 1.9 2.0 1.4	MIN OVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 8.2 7.6 8.2 7.2 5.5 5.3 1 2.0 1.7 1.7 1.0 9.05	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.6 8.3 8.4 8.4 6.1 6.0 4.7 2.9 2.0 2.0 1.5 1.4 0.9	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	MAX 29.5 25.3 21.5 21.2 20.8 22.2 24.1 25.8 24.1 24.9 24.1 19.5 21.9 24.1 19.5 21.9 24.1 24.9 24.1 19.5 23.0 20.5 20.5 20.5 20.5 21.5 12.9 23.0 20.5 20.5 20.5 20.5 20.5 20.5 20.5 20	MIN SEPTEMBE 23.0 19.2 16.5 13.0 12.5 13.7 15.2 11.4 9.1 17.7 18.6 16.0 16.3 16.5 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 15.2 15.2 14.2 15.2 15.2 15.2 14.2 15.2 15.2 15.2 15.2 15.2 14.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.3 21.2 19.7 17.8 19.1 17.5 18.0 18.1 19.1 20.7 18.9 16.5 17.0 	MAX 18.9 19.8 21.2 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0 14.2 14.9 11.4 9.9 11.0 13.5 11.6 13.5 11.4 9.9 11.0 12.1	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 8.9 7.6 6.7 5.8 5.0 6.9 8.9 11.4 8.5 8.2 7.8 9.3 7.8 8.3 8.3 8.3 8.3 8.3 8.5 5.0 6.5	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7 9.5 9.0 10.1 9.5 9.8 11.5 9.8 11.6 1.5 9.7 9.0 10.1 9.5 9.8 11.5 9.8 10.5 9.0 10.1 9.5 9.8 10.5 10.5 9.8 10.5 9.0 10.1 9.5 9.8 10.5 10.5 10.5 8.8 10.5 10.5 10.5 8.8 10.5 10.5 8.8 10.5 8.8 10.5 8.8 10.5 8.8 10.5 8.8 10.5 8.8 10.5 8.8 10.5 8.8 10.5 8.8 10.5 8.8 10.7 8.8 8.1 8.8 8.1 8.8 8.8 1.8 1.8	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.9 9.7 8.2 8.9 9.3 8.7 8.7 8.7 8.7 8.9 9.3 8.7 8.7 8.9 9.3 8.7 8.2 6.9 6.0 3.8 2.4 2.6 1.9 2.0 1.4 1.2	MIN NOVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 7.6 7.6 8.2 7.2 5.5 5.3 3.1 2.0 1.7 1.7 1.0 0.9 0.5 0.2	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.4 8.4 8.4 6.1 6.0 4.7 2.9 2.0 2.0 1.5 1.4 0.9 0.7	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 25.3 24.1 19.5 21.9 24.1 19.5 21.9 24.1 24.9 24.1 25.8 25.3 24.1 24.9 24.1 25.5 20.5 20.5 21.5 21.5 21.5 21.5 21.5 21.5 21.5 21	MIN SEPTEMBE 23.0 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 17.7 18.6 16.0 16.3 16.5 15.2 14.2 15.2 17.7 18.9 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 15.2 16.5 16.5 16.5 15.2 16.5 15.2 16.5 16.5 16.5 15.2 16.5 16.5 15.2 16.5 16.5 15.2 16.5 15.2 16.5 16.5 15.2 16.5 17.5 16.5	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.4 18.1 17.7 20.3 21.2 19.7 17.8 19.1 17.5 18.0 18.1 19.1 20.7 18.9 16.5 17.0	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0 14.2 14.9 11.4 12.1 12.3 11.4	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 8.9 7.6 6.7 5.8 5.0 6.9 8.9 11.4 8.5 8.2 7.8 8.3 8.3 8.3 8.3 6.0	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7 9.5 9.0 10.1 9.5 10.7 9.8 8.1 8.8 9.5 10.1	MAX 6.7 7.6 8.0 6.9 6.7 8.9 9.7 8.2 8.9 9.3 8.2 8.9 9.3 8.7 8.7 8.7 8.7 8.7 8.7 8.9 7.2 6.9 0.3 8.2 4 2.4 2.6 1.9 2.0 1.4	MIN OVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 8.2 7.6 8.2 7.2 5.5 5.3 1 2.0 1.7 1.7 1.0 9.05	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.6 8.3 8.4 8.4 6.1 6.0 4.7 2.9 2.0 2.0 1.5 1.4 0.9	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	MAX 29.5 25.3 21.5 21.2 20.8 22.2 24.1 25.8 24.1 24.9 24.1 19.5 21.9 24.1 19.5 21.9 24.1 24.9 24.1 19.5 21.9 23.0 20.5 20.5 20.5 23.3 22.2 17.7 18.0  18.0	MIN SEPTEMBE 23.0 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 17.7 18.6 16.0 16.3 16.5 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 15.2 14.2 15.2 15.2 15.2 15.2 14.2 15.2 15.2 15.2 15.2 14.2 15.2 15.2 15.2 15.2 15.2 14.2 15.2 15.2 15.2 14.2 15.2 15.2 15.2 14.2 15.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 14.2 15.2 14.2 15.2 15.2 14.2 15.2 14.2 15.2 15.2 14.2 15.2 14.2 15.2 15.2 14.2 15.2 14.2 15.2 15.2 14.2 15.2 15.2 15.2 14.2 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.4 18.1 17.5 18.0 18.1 19.1 20.7 18.9 16.5 17.0  16.4 18.1 16.1	MAX 18.9 19.8 21.2 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0 14.2 14.9 11.4 12.1 9.7 10.5 11.6 13.5 11.6 13.5 11.4 9.9 11.0 12.1 12.3 11.4 10.5	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 8.9 7.6 6.7 5.8 5.0 6.9 8.9 11.4 8.5 5.8 2.7.8 9.3 7.8 8.3 8.3 8.3 8.3 8.3 8.5 7.2 8.7 7.4	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7 9.0 10.1 9.5 10.7 9.8 8.1 8.1 8.1 8.2 9.5 10.7 9.5 9.0 10.1 9.6	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.9 9.7 8.2 8.9 9.3 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.9 9.3 8.7 8.7 8.2 6.9 6.0 3.8 2.4 2.6 1.9 2.0 1.4 1.2 2.0 1.4 1.2 2.0 1.4 1.2 2.0 1.4 1.2 2.0 1.4 1.2 2.0 1.4 1.2 2.0 1.4 1.2 2.0 1.4 1.2 2.0 1.4 1.2 2.0 1.4 1.2 2.0 1.4 1.2 2.0 1.4 1.4 2.0 2.0 2.0 2.0 2.1 2.0 2.0 2.1 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	MIN NOVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 8.2 7.2 7.8 8.2 7.2 5.5 5.3 3.1 2.0 1.7 1.7 1.0 0.9 0.5 0.2 0.5 0.2	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.4 8.4 6.1 6.0 4.7 2.9 2.0 2.0 1.5 1.4 0.9 0.7 0.9 2.2 0.4 0.9 0.7 0.9 0.7 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 25.3 24.1 24.2 24.1 19.5 21.9 19.2 23.0 5 20.5 20.5 20.5 23.3 22.2 17.7 18.0 20.2 18.9 15.2 21.5 21.5 21.5 21.5 21.5 21.5 21.5	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 17.7 18.9 16.5 15.2 15.2 15.2 15.2 15.2 15.2 15.2 15	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.4 18.1 17.7 20.2 19.7 17.8 19.1 17.5 18.0 18.1 19.1 20.7 18.9 16.5 17.0  16.4 18.1 16.4 18.1 13.4 12.9	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.6 11.0 13.0 14.2 14.9 11.4 12.1 9.7 10.5 11.6 13.5 11.4 9.9 11.0 12.1 12.3 11.4 10.5 7.4 6.0	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 7.6 6.7 5.8 5.0 6.9 8.9 11.4 8.5 8.2 7.8 8.3 8.3 7.8 8.3 8.3 6.2 6.5 7.2 8.7 7.4 4.1 2.9	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 1.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7 9.5 10.7 9.8 8.1 8.8 9.5 10.1 9.6 4.7	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.9 9.7 8.2 8.9 9.3 8.7 8.7 8.7 8.7 8.7 8.7 8.7 8.7	MIN OVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 7.6 8.2 7.2 5.5 5.3 3.1 2.0 1.7 1.7 1.7 1.0 0.9 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.2 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.6 8.3 8.4 8.4 6.1 6.0 4.7 7.9 2.0 2.0 1.5 1.4 0.9 0.7 0.9 2.2  	30.5	10.0	23.0
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	MAX 29.5 25.3 21.5 21.2 20.8 22.2 21.9 24.1 25.8 25.3 23.3 24.1 19.5 21.9 24.1 24.9 24.1 24.9 24.1 25.8 25.3 23.3 24.1 19.5 21.5 21.5 21.2 20.8 25.3 24.1 25.8 25.3 24.1 25.8 25.3 24.1 25.8 25.3 24.1 24.9 24.1 24.9 24.1 24.9 24.1 24.9 24.1 25.8 25.3 24.1 24.9 24.1 24.9 24.1 24.9 24.1 24.9 24.1 25.8 25.3 24.1 19.5 20.5 20.5 20.5 20.5 20.5 21.9 21.9 24.1 24.9 24.1 25.8 25.3 24.1 24.9 24.1 25.8 25.3 24.1 24.9 24.1 24.9 24.1 25.8 23.3 24.2 21.9 23.0 20.5 20.5 23.3 22.2 18.0 20.5 23.3 24.2 18.0 20.5 21.9 18.0 20.2 21.9 18.0 20.5 21.9 18.0 20.5 21.9 18.0 20.5 21.9 18.0 20.5 21.9 18.0 20.5 21.9 16.0 21.9 16.0 21.9 16.0 21.9 16.0 21.9 16.0 21.9 16.0 20.5 21.9 16.0 20.5 2	MIN SEPTEMBE 23.0 19.8 19.2 16.5 13.0 12.5 13.7 15.2 15.2 11.4 9.1 17.7 18.6 16.0 16.3 16.5 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 14.2 15.2 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.5 10.7 10.5 10.7 10.5 10.7 10.5 10.7 10.6 10.5	MEAN 25.8 22.6 20.2 19.3 16.8 17.1 17.6 19.7 20.4 18.1 17.7 20.4 18.1 17.7 20.4 18.1 17.7 20.4 18.1 17.7 20.4 18.1 17.5 18.0 18.1 19.1 17.6 19.7 18.9 16.5 17.0  16.4 18.1 13.4	MAX 18.9 19.8 21.2 17.7 17.7 13.2 13.7 13.9 10.9 8.2 7.66 11.0 13.0 14.2 14.9 11.4 12.1 9.7 10.5 11.6 13.5 11.4 9.9 9.1.0 12.1 12.3 11.4 10.5 7.4	MIN OCTOBER 11.4 13.9 13.7 11.8 11.4 10.9 7.6 6.7 5.8 5.0 6.9 8.9 11.4 8.5 8.9 11.4 8.5 8.9 11.4 8.5 8.2 7.8 8.3 8.3 8.3 8.3 8.3 6.2 6.0 6.5 7.2 8.7 7.4 4.1	MEAN 14.6 16.6 17.3 15.8 14.5 12.4 12.3 11.5 8.8 7.2 6.6 7.8 9.8 11.6 13.1 9.7 9.5 9.0 10.1 9.5 10.7 9.8 8.1 8.8 9.5 10.4 9.6 5.4	MAX 6.7 7.6 8.0 6.9 6.7 6.9 8.0 8.9 9.7 8.2 8.9 9.3 8.7 8.7 8.7 8.9 7.2 6.9 9.3 8.7 8.7 8.9 7.2 6.9 0.3 8.7 8.7 8.9 7.2 6.0 0.3 8.7 8.7 8.9 7.2 6.9 1.4 1.2 1.4 3.5 	MIN NOVEMBER 6.0 6.4 6.5 5.8 6.0 6.4 6.7 7.8 8.0 7.6 8.2 7.2 5.5 5.3 3.1 2.0 1.7 1.7 1.0 0.9 0.5 0.2 0.5 0.9 	MEAN 6.3 7.0 7.2 6.4 6.3 6.7 7.4 8.2 8.5 7.9 8.3 8.4 8.4 8.4 6.1 6.0 4.7 2.9 2.0 1.5 1.4 0.9 0.7 0.9 2.2 -1.4 0.9 0.7 0.9 2.2 -1.4 0.9 0.7 0.9 -1.4 0.9 0.7 0.4 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	30.5	10.0	23.0

# SHALLOW

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.

				Tempera	ature,	water,	, degrees	Celsiu	S			
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 3										26.2 24.9	24.1 23.7	24.4 24.3
3										24.9	23.7	24.3
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 9							23.7 23.0	21.5 19.8	22.4 21.3	28.5 29.0	24.9 26.6	26.8 27.8
10										30.0	27.1	27.6
11										30.5	25.8	28.1
12										28.5	24.9	27.3
13 14										28.5 28.0	26.6 25.8	27.7 27.4
15										28.0	25.8	26.9
16										28.0	26.2	27.4
17										28.0	25.3	27.0
18 19										28.5 29.0	23.7 27.1	26.3 27.9
20										27.5	24.5	26.5
21												
22												
23 24												
25												
26												
27							21.9	19.8	20.3			
28 29							23.7 25.8	18.3 21.9	20.4 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			
DAY						MEAN			MEAN			
		SEPTEMBE	IR		OCTOBER		N	OVEMBER				
DAY 1 2					OCTOBER 16.8	MEAN 18.6 19.1			6.4			
1 2 3	29.0 28.5 26.2	SEPTEMBE 26.2 26.2 24.9	27.5 27.1 25.4	21.5 21.9 21.9	OCTOBER 16.8 17.7 18.0	18.6 19.1 19.6	N 6.7 7.6 8.0	OVEMBER 6.0 6.5 6.7	6.4 7.1 7.3			
1 2 3 4	29.0 28.5 26.2 25.8	SEPTEMBE 26.2 26.2 24.9 24.1	27.5 27.1 25.4 24.8	21.5 21.9 21.9 21.2	OCTOBER 16.8 17.7 18.0 18.6	18.6 19.1 19.6 19.5	N 6.7 7.6 8.0 6.9	OVEMBER 6.0 6.5 6.7 6.0	6.4 7.1 7.3 6.4			
1 2 3 4 5	29.0 28.5 26.2 25.8 25.8	SEPTEMBE 26.2 26.2 24.9 24.1 22.9	27.5 27.1 25.4 24.8 24.3	21.5 21.9 21.9 21.2 18.9	OCTOBER 16.8 17.7 18.0 18.6 17.4	18.6 19.1 19.6 19.5 18.2	N 6.7 7.6 8.0 6.9 6.9	OVEMBER 6.0 6.5 6.7 6.0 6.0	6.4 7.1 7.3 6.4 6.5			
1 2 3 4	29.0 28.5 26.2 25.8	SEPTEMBE 26.2 26.2 24.9 24.1	27.5 27.1 25.4 24.8	21.5 21.9 21.9 21.2	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2	18.6 19.1 19.6 19.5	N 6.7 7.6 8.0 6.9	OVEMBER 6.0 6.5 6.7 6.0 6.0 6.4	6.4 7.1 7.3 6.4 6.5 6.7			
1 2 3 4 5 6 7 8	29.0 28.5 26.2 25.8 25.8 28.0 27.5 29.0	SEPTEMBE 26.2 24.9 24.1 22.9 22.9 21.5 22.6	27.5 27.1 25.4 24.8 24.3 24.9 24.3 25.6	21.5 21.9 21.2 18.9 17.7 14.7 14.4	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5	18.6 19.1 19.6 19.5 18.2 16.2 13.5 13.5	N 6.7 7.6 8.0 6.9 6.9 8.2 9.1	OVEMBER 6.0 6.5 6.7 6.0 6.0 6.4 6.9 7.8	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.3			
1 2 3 4 5 6 7 8 9	29.0 28.5 26.2 25.8 25.8 28.0 27.5 29.0 28.5	SEPTEMBE 26.2 24.9 24.1 22.9 22.9 21.5 22.6 25.7	27.5 27.1 25.4 24.8 24.3 24.9 24.3 25.6 27.0	21.5 21.9 21.2 18.9 17.7 14.7 14.4 13.4	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5 8.9	18.6 19.1 19.6 19.5 18.2 16.2 13.5 13.5 13.5 11.0	N 6.7 7.6 8.0 6.9 6.9 8.2 9.1 9.7	OVEMBER 6.0 6.5 6.7 6.0 6.0 6.4 6.9 7.8 8.2	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.3 8.6			
1 2 3 4 5 6 7 8 9 10	29.0 28.5 26.2 25.8 25.8 28.0 27.5 29.0 28.5 30.0	SEPTEMBE 26.2 24.9 24.1 22.9 22.9 21.5 22.6 25.7 25.3	27.5 27.1 25.4 24.8 24.3 24.9 24.3 25.6 27.0 27.7	21.5 21.9 21.9 21.2 18.9 17.7 14.7 14.4 13.4 8.9	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5 8.9 6.7	18.6 19.1 19.6 19.5 18.2 16.2 13.5 13.5 11.0 7.4	N 6.7 7.6 8.0 6.9 6.9 6.9 8.2 9.1 9.7 8.2	OVEMBER 6.0 6.5 6.7 6.0 6.0 6.4 6.9 7.8 8.2 7.6	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.3 8.6 8.0			
1 2 3 4 5 6 7 8 9 10 11	29.0 28.5 26.2 25.8 25.8 28.0 27.5 29.0 28.5 30.0 30.0	SEPTEMBE 26.2 24.9 24.1 22.9 22.9 21.5 22.6 25.7 25.3 25.8	27.5 27.1 25.4 24.8 24.3 24.9 24.3 25.6 27.0 27.7 28.3	21.5 21.9 21.2 18.9 17.7 14.7 14.4 13.4 8.9 7.6	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5 8.9 6.7 5.8	18.6 19.1 19.6 19.5 18.2 16.2 13.5 13.5 11.0 7.4 6.7	N 6.7 7.6 8.0 6.9 6.9 8.2 9.1 9.7 8.2 9.1	OVEMBER 6.0 6.5 6.7 6.0 6.0 6.4 6.9 7.8 8.2 7.6 7.8	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.3 8.6 8.0 8.3			
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1 2 3 4 5 6 7 8 9 10 11 12 13 14	29.0 28.5 26.2 25.8 25.8 28.0 27.5 29.0 28.5 30.0 30.0 30.0 30.0 27.1	SEPTEMBE 26.2 26.2 24.9 24.1 22.9 21.5 22.9 21.5 25.7 25.3 25.8 27.5 23.0 21.2	27.5 27.1 25.4 24.8 24.3 24.9 24.3 25.6 27.0 27.7 28.3 28.8 25.1 24.6	21.5 21.9 21.2 18.9 17.7 14.7 14.4 13.4 8.9 7.6 9.7 11.2 12.7	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5 8.9 6.7 5.8 5.2 7.2 9.5	18.6 19.1 19.6 19.5 18.2 16.2 13.5 13.5 11.0 7.4 6.7 7.2 9.1 11.0	N 6.7 7.6 8.0 6.9 6.9 8.2 9.1 9.7 8.2 9.1 9.5 8.2 9.1 9.5 8.7	OVEMBER 6.0 6.5 6.7 6.0 6.0 6.0 6.4 6.9 7.8 8.2 7.6 7.8 8.3 8.3	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.6 8.0 8.0 8.3 8.7 8.5			
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	29.0 28.5 26.2 25.8 25.8 28.0 27.5 29.0 30.0 30.0 30.0 28.0 27.1 26.2 26.2 26.2 26.2 26.2 26.2 26.1	SEPTEMBE 26.2 26.2 24.9 24.1 22.9 21.5 22.6 25.7 25.3 25.8 27.5 23.0 21.2 20.8 22.6 23.7 23.7 24.9 24.5 24.5 23.3 19.5	R 27.5 27.1 25.4 24.8 24.3 24.9 24.3 25.6 27.0 27.7 28.3 28.8 25.1 24.6 23.0 23.6 25.0 25.6 25.4 25.5 24.8 21.5	21.5 21.9 21.2 18.9 17.7 14.7 14.4 13.4 8.9 7.6 9.7 11.2 12.7 13.9 12.5 11.0 9.9 10.7 10.5 12.3 11.4 9.3	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5 8.9 6.7 5.8 5.2 7.2 9.5 12.3 9.1 8.3 8.2 9.5 8.0 8.5 8.7 6.7	18.6 19.1 19.6 19.5 18.2 16.2 13.5 13.5 13.5 11.0 7.4 6.7 7.2 9.1 11.0 12.9 10.2 9.2 9.0 10.2 9.2 10.1 9.9 8.0	N 6.7 7.6 8.0 6.9 6.9 8.2 9.1 9.7 8.2 9.1 9.5 8.7 8.7 8.7 8.7 8.9 7.2 6.0 3.8 2.6 2.0 2.1	OVEMBER 6.0 6.5 6.7 6.0 6.0 6.4 6.9 7.8 8.2 7.6 7.8 8.3 8.0 8.3 7.2 5.5 5.3 3.3 2.1 1.7 1.8 1.2 1.0	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.3 8.6 8.0 8.3 8.7 8.4 8.5 8.5 6.2 6.0 4.8 3.0 2.1 1.6 1.5			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	29.0 28.5 25.8 25.8 25.8 28.0 27.5 30.0 30.0 30.0 30.0 30.0 30.0 27.1 26.6 24.9 25.3 26.2 26.2 26.2 26.2 26.2 26.2 24.1 21.2	SEPTEMBE 26.2 26.2 24.9 24.1 22.9 22.9 21.5 22.6 25.7 25.3 25.8 27.5 23.0 21.2 20.8 22.6 23.7 24.9 24.5 24.5 23.3 19.5 29.2	27.5 27.1 25.4 24.8 24.3 24.9 24.3 25.6 27.0 27.7 28.3 28.8 25.1 24.6 23.0 23.6 25.6 25.4 25.6 25.4 25.6 25.4 25.6 25.4 25.6 25.6 25.4 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6	21.5 21.9 21.9 21.2 18.9 17.7 14.7 14.4 13.4 8.9 7.6 9.7 11.2 12.7 13.9 12.5 11.0 9.9 10.7 10.5 12.3 11.4 9.3 9.3 9.7	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5 8.9 6.7 5.8 5.2 9.5 12.3 9.1 8.3 8.2 9.5 8.0 8.5 8.0 8.5 8.7 6.7 6.4	18.6 19.1 19.6 19.5 18.2 16.2 13.5 13.5 11.0 7.4 6.7 7.2 9.1 11.0 12.9 10.2 9.5 9.0 10.2 9.2 10.1 9.9 8.0 7.7 8.3 9.2	N 6.7 7.6 8.0 6.9 6.9 8.2 9.1 9.7 8.2 9.1 9.7 8.2 9.1 9.5 8.7 8.7 8.9 7.2 6.9 6.0 3.8 2.6 2.0 1.4	OVEMBER 6.0 6.5 6.7 6.0 6.4 6.9 7.8 8.2 7.6 7.8 8.3 8.3 7.2 5.5 5.3 3.3 2.1 1.7 1.8 1.2 1.0 0.6	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.3 8.6 8.0 8.3 8.7 8.5 8.5 6.2 6.0 4.8 5.5 6.2 6.0 4.8 3.0 2.1 1.6 1.5 1.0			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	29.0 28.5 26.2 25.8 25.8 28.0 27.5 29.0 28.5 30.0 30.0 30.0 30.0 27.1 26.6 24.9 25.3 26.2 26.2 26.2 26.2 26.2 26.2 26.2 26	SEPTEMBE 26.2 26.2 24.9 24.1 22.9 21.5 22.6 25.7 25.3 25.8 27.5 23.0 21.2 20.8 22.6 23.7 23.7 24.9 24.5 24.5 24.5 24.5 24.9 1.5 19.5 19.5 19.5 19.5 17.4 18.6	CR 27.5 27.1 25.4 24.3 24.9 24.3 24.9 24.3 25.6 27.0 27.7 28.3 25.1 28.8 25.1 24.6 23.0 23.6 25.0 25.6 25.4 25.5 24.6 25.4 25.5 24.6 25.4 25.5 20.6 25.4 25.5 20.6 25.4 25.6 25.0 25.6 25.6 25.6 25.0 25.6 25.6 25.0 25.6 25.6 25.0 25.6 25.6 25.0 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.4 25.5 20.6 25.6 25.4 25.5 20.6 25.6 25.4 20.6 25.6 25.9 20.6 25.6 25.4 20.6 25.5 20.6 20.6 25.9 20.6 20	21.5 21.9 21.2 18.9 17.7 14.7 14.4 13.4 8.9 7.6 9.7 11.2 12.7 13.9 12.5 11.0 9.9 10.7 10.5 12.3 11.4 9.3 9.7 10.8 11.0	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5 8.9 6.7 5.8 5.2 7.2 9.5 12.3 9.1 8.3 8.2 9.5 8.0 8.5 8.0 8.5 8.7 6.7 6.7 6.4 6.9 7.4 8.7	18.6 19.1 19.6 19.5 18.2 16.2 13.5 11.0 7.4 6.7 7.2 9.1 11.0 12.9 10.2 9.5 9.0 10.2 9.2 10.1 9.9 8.0 7.7 8.3 9.2 10.1	N 6.7 7.6 8.0 6.9 6.9 8.2 9.1 9.7 8.2 9.1 9.5 8.7 8.9 7.2 6.0 3.8 2.6 2.0 2.1 1.4 1.2 1.4 1.2 1.4 3.5	OVEMBER 6.0 6.5 6.7 6.0 6.4 6.9 7.8 8.2 7.6 7.8 8.3 8.3 7.2 5.5 5.3 3.3 2.1 1.7 1.8 1.2 1.0 0.5 0.5 1.0	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.3 8.6 8.0 8.3 8.7 8.4 8.5 8.5 6.2 6.0 4.8 3.0 2.1 2.1 1.6 1.5 1.0 0.8 1.0 2.3			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	29.0 28.5 26.2 25.8 25.8 28.0 27.5 29.0 30.0 30.0 28.0 27.1 26.6 24.9 25.3 26.2 26.2 26.2 26.2 26.2 26.2 24.1 21.2 26.2 26.2 26.2 26.2 26.2 26.2 26	SEPTEMBE 26.2 26.2 24.9 24.1 22.9 21.5 22.6 25.7 25.3 25.8 27.5 23.0 21.2 20.8 22.6 23.7 23.7 24.9 24.5 23.3 19.5 19.2  17.4 18.6 17.1	27.5         27.1         25.4         24.3         24.3         25.6         27.7         28.3         25.6         27.7         28.3         25.6         25.1         24.6         23.0         23.6         25.4         25.5         24.8         21.5         20.6            18.9         19.4         18.9	21.5 21.9 21.9 21.2 18.9 17.7 14.4 13.4 8.9 7.6 9.7 11.2 12.7 13.9 12.5 11.0 9.9 10.7 10.5 12.3 11.4 9.3 9.7 10.5 12.0 12.6 11.4 9.7 10.5	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5 8.9 6.7 5.8 5.2 7.2 9.5 12.3 9.1 8.3 8.2 9.5 8.0 8.5 8.7 6.7 6.4 6.9 7.4 8.7 7.4	18.6 19.1 19.6 19.5 18.2 13.5 13.5 13.5 11.0 7.4 6.7 7.2 9.1 11.0 12.9 10.2 9.5 9.0 10.2 9.2 10.1 9.9 8.0 7.7 8.3 9.2 10.1 9.7	N 6.7 7.6 8.0 6.9 6.9 8.2 9.1 9.7 8.2 9.1 9.5 8.7 8.9 7.2 6.9 6.0 3.8 2.6 2.6 2.1 1.4 1.2 1.4 1.2	OVEMBER 6.0 6.5 6.7 6.0 6.4 6.9 7.8 8.2 7.6 7.8 8.3 8.3 7.2 5.5 5.3 3.3 2.1 1.7 1.8 1.2 1.0 0.6 0.5 0.5	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.3 8.6 8.0 8.3 8.7 8.4 8.5 8.5 6.2 6.0 4.8 3.0 2.1 2.1 1.6 1.5 1.0 0.8 1.0			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	29.0 28.5 26.2 25.8 25.8 25.8 28.0 27.5 29.0 30.0 30.0 30.0 30.0 27.1 26.6 24.9 25.3 26.2 26.2 26.2 26.2 26.2 26.2 26.2 26	SEPTEMBE 26.2 24.9 24.1 22.9 22.9 21.5 22.6 25.7 25.3 25.8 27.5 23.0 21.2 20.8 22.6 23.7 23.7 24.9 24.5 24.5 24.5 24.5 24.5 24.9 24.5 24.9 24.1 25.3 25.8 27.5 20.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 20.8 21.6 21.7 21	27.5         27.1         25.4         24.3         24.3         25.6         27.0         27.7         28.3         25.1         24.6         23.0         23.6         25.4         25.5         20.6         25.4         25.5         20.6         18.9         18.9         18.7         18.6	21.5 21.9 21.2 18.9 17.7 14.7 14.4 13.4 8.9 7.6 9.7 11.2 12.7 13.9 12.5 11.0 9.9 10.7 10.5 12.3 11.4 9.3 9.7 10.8 11.0 10.5 7.4 6.0	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5 8.9 6.7 5.8 5.2 7.2 9.5 12.3 9.1 8.3 8.2 9.5 8.0 8.5 8.0 8.5 8.7 6.7 6.7 6.4 6.9 7.4 8.7 4.2 3.8	18.6 19.1 19.6 19.5 18.2 16.2 13.5 11.0 7.4 6.7 7.2 9.1 11.0 12.9 10.2 9.5 9.0 10.2 9.2 10.1 9.9 8.0 7.7 8.3 9.2 10.1 9.7 8.3	N 6.7 7.6 8.0 6.9 8.2 9.1 9.7 8.2 9.1 9.5 8.7 8.9 7.2 6.9 6.0 3.8 2.6 2.0 2.1 1.4 1.2 1.4 1.2 1.4	OVEMBER 6.0 6.5 6.7 6.0 6.4 6.9 7.8 8.2 7.6 7.8 8.3 8.3 7.2 5.5 5.3 3.3 2.1 1.7 1.8 1.2 1.0 0.6 0.5 1.0 0.5 1.0  	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.3 8.6 8.0 8.3 8.7 8.4 8.5 8.5 6.2 6.0 4.8 3.0 2.1 2.1 1.6 1.5 1.0 0.8 1.0 2.3 			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	29.0 28.5 25.8 25.8 25.8 28.0 27.5 29.0 28.5 30.0 30.0 30.0 30.0 27.1 26.6 24.9 25.3 26.2 26.2 26.2 26.2 26.2 26.2 26.2 26	SEPTEMBE 26.2 26.2 24.9 24.1 22.9 22.9 21.5 25.3 25.8 27.5 23.0 21.2 20.8 22.6 23.7 24.9 24.5 24.5 23.3 19.5 19.2  17.4 18.6 17.4	27.5         27.1         25.4         24.3         24.9         24.3         25.6         27.0         27.7         28.3         25.6         27.0         27.7         28.3         25.6         27.0         27.7         28.3         25.6         23.0         23.6         25.6         25.6         25.6         25.6         25.6         25.6         25.6         25.6         25.6         25.6         25.6         25.6         25.6         25.6         25.6         25.7         24.8         21.5         20.6            18.9         18.7	21.5 21.9 21.2 18.9 17.7 14.7 14.4 13.4 8.9 7.6 9.7 11.2 12.7 13.9 12.5 11.0 9.9 10.7 10.5 12.3 11.4 9.3 9.3 9.7 10.8 11.0 10.5 7.4	OCTOBER 16.8 17.7 18.0 18.6 17.4 14.2 12.7 12.5 8.9 6.7 5.8 5.2 9.5 12.3 9.1 8.3 8.2 9.5 8.0 8.5 8.7 6.7 6.4 6.9 7.4 8.7 4.2	18.6 19.1 19.6 19.5 18.2 16.2 13.5 13.5 11.0 7.4 6.7 7.2 9.1 11.0 12.9 10.2 9.0 10.2 9.2 10.1 9.9 8.0 7.7 8.3 9.2 10.1 9.7 5.6	N 6.7 7.6 8.0 6.9 6.9 8.2 9.1 9.7 8.2 9.1 9.7 8.2 9.1 9.7 8.2 9.1 9.7 8.2 9.1 9.7 8.2 9.1 9.5 8.7 8.9 7.2 6.9 6.0 3.8 2.6 2.0 0 2.1 1.4 1.2 1.4 1.2 1.4 1.2	OVEMBER 6.0 6.5 6.7 6.0 6.4 6.9 7.8 8.2 7.6 7.8 8.3 8.3 7.2 5.5 5.3 3.3 2.1 1.7 1.8 1.2 1.0 0.6 0.5 0.5 1.0 0.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1	6.4 7.1 7.3 6.4 6.5 6.7 7.4 8.3 8.6 8.0 8.3 8.7 8.4 8.5 8.5 6.2 6.0 4.8 5.5 6.2 6.0 4.8 3.0 2.1 1.6 1.5 1.0 0.8 1.0 2.3 			

### DEEP

 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	condu	ctance,	water,	micro	siemens	per ce	entimete	er at	25 degree	es Cel:	sius
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1 2										45700 46600	33600 36900	37200 39700
3										46000	39100	42200
4										46600	39200	42300
5										46300	42100	43800
6				47600	1190	7980				46100	39900	42400
7 8				49900 48300	1260 1260	5660 6570				45700 44700	40800 40000	42700 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 15				1790 2030	1580 1700	1690 1850	12200 12400	11000 11300	11500 11900	43400 47500	35600 36900	37300 39900
10				2050	1700	1000	12400	11300	11900	47500	50500	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 20				50400	1380	5340	46700 46700	34800 37100	41100 42400	47700 47200	46200 46100	46900 46600
20							40700	37100	42400	47200	40100	40000
21							46900	42500	45200	47000	45500	46400
22	7000	1440	2020				47100	44600	46100	47200	45400	46400
23 24	7000	3240	5520				47000 47000	45100 44600	46300 46200	47400 47000	45100 43700	46100 45400
24 25							46500	44600	46200	46500	43700 42800	43400
							10000					
26							46100	41100	43700	45700	41900	42800
27 28							44300 41900	38000 33200	40400 35800	45500 45100	40900 40200	42200 42100
28 29							41900	30900	33700	45100	40200	42100
30							43100	30900	33600	45100	40200	41500
31							44500	31400	34400	45700	34200	41600
MON	DII			53900	1010	4090	47100	10500	34300	47700	33600	42300
MON.	LD			22200	TOTO	4090	4/100	10200	34300	4//00	00026	42300

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		SEPTEMBE	ER		OCTOBER		1	IOVEMBER	
1 2 3 4 5	44900 43600 45000 44200 45000	40900 38900 38100 40200 42100	43200 41400 40200 41400 43700	44700 44000 43300 44100 43600	33100 36700 37700 39500 39500	35900 40300 40300 41500 41200	38900 42400 43600 44000 45300	28000 31400 36100 37200 35600	33700 35600 39300 40400 41600
6 7 8 9 10	43400 42500 42300 43100 43000	41600 40600 40200 41000 41600	42700 41600 41400 42100 42400	44700 43400 42300 41900 40500	40600 40500 40900 39800 38700	42400 42200 41600 40500 39800	44000	39800   	42100
11 12 13 14 15	43600 46500 47400 47000 47000	41500 42000 42100 46100 46000	42400 43200 44500 46600 46500	41100 44500 44800 44600 44200	38100 38900 40300 42900 42800	39400 40700 42300 43900 43700	   	  	  
16 17 18 19 20	47000 46700 46700 46900 46700	45800 45200 45600 45800 45400	46400 46200 46200 46300 46000	44500 43700 43800 43400 42900	42000 41700 41000 38400 37300	43600 42800 42400 40900 39800	   	  	  
21 22 23 24 25	46000 43500 43100 40300 38900	42600 40000 38900 38600 34900	44900 41800 39900 39300 37800	41000 39400 36100 36000 37600	36200 34700 33600 33500 33200	38100 37100 35100 34800 34000	  	  	  
26 27 28 29 30 31	36200 35000 34300 34300 34200	34300 33200 33000 33000 33400 	35300 34100 33500 33700 33900	34600 36700 37000 36200 37900 37200	33000 33100 34800 34600 35700 23500	34200 35000 35600 35500 36800 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 2 3 4 5	  	  	  	40200 44300 44100 42200 37000	21100 23800 14500 11000 3240	26500 35500 35600 31500 26900	45100 46300 45700 45100 46700	39100 39200	42100 44500 44100 43800 45700	46900 46900 47600 47300 47700	44700 45000 45500	45200 46100 46400 46600 46600
6 7 8 9 10	  	  	  	30900 28600 33600 36800 35400	13700	20800 21900 29500 33700 33200	47200 45700 45700 44900 43600	41900 41500 42400 41700 40300	46400 45000 45100 44100 41300		45700 45800 44600	46700 46500 46700 46200 45000
11 12 13 14 15	  	  	  	31900 27400 23600 19400 17000	22900	29100	43500 43400 43200 43100 38800			46200 42700 44400 47700 49600	40000 39400 40300 41600 42800	44700 41200 41700 43500 46100
16 17 18 19 20	  	  	  	15000 26900 24900 34200 39100		11400 11500 18700 11300 30900	41900 46700 46700 47400 47800			49900 49600 48900 49200 49800		48900 48400 48000 48500 49000
21 22 23 24 25	  	  	  	42200 44700 46300 46300 44500	29800 27000	36300 40400 41600 42500 39900	47800 48300 49000 49000 48700	45400 46500 46000 46600 44200	46800 47500 47800 47800 47800	49600 50000 50100 50000 49600	48400 48700 48000 48400 46400	49000 49500 49100 49300 48100
26 27 28 29 30 31	   	   	   	41800 40300 39800 41200 42900	32200	37700 36900 35600 37000 39500	46300 44200 44200 43000 44300 45600	43300 42100 40400 39900 39100 40300	44800 43200 42000 41200 41600 43400	49000 48700 48700 48700 48700 47900 48900	44800 46700 46500 45600	47500 46500 47700 47700 46900 47100
MONTH				46300	2620	29200	49000		43800		39400	46800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
DAY		MIN SEPTEMBE	IR		OCTOBER			MIN NOVEMBER				
DAY 1 2 3 4 5		SEPTEMBE	ER 48200 46400		OCTOBER 39100 43700			38100 40500 42200 34700				
1 2 3 4	49100 47200 47600 47800	SEPTEMBP 46400 45500 44900 44500	ER 48200 46400 46300 46900 46900 46000	46200 46100	OCTOBER 39100 43700 43900 43700 44100 43300 44800 44000	41800 45000 44800 45800	42300 45100 45400 45900	38100 40500 42200 34700	40700 43400 44800 45100			
1 2 3 4 5 6 7 8 9	49100 47200 47600 47800 47800 47800 46600 46500 45400	SEPTEMBH 46400 45500 44900 46100 45200 44700 44700 44100 43600	ER 48200 46400 46300 46900 46900 46000 46000 45300 44300 44100 42800	46200 46100 46700 47100 47800 47800 46100 46100 45000	OCTOBER 39100 43700 43900 43700 44100 43300 44800 44800 44000 42700	41800 45000 45800 46000 46000 46000 44800 43800	42300 45100 45400 45900 46900 46600  	NOVEMBER 38100 40500 42200 34700 42200 44000  	40700 43400 44800 45100 45800 45400  			
1 2 3 4 5 6 7 8 9 10 11 12 13 14	49100 47200 47600 47800 47800 47800 46500 44500 44500 45400 45200 45200 42200	SEPTEMBR 46400 45500 44900 44500 46100 45200 44700 44700 43600 43100 42600 42700 42000 42700	ER 48200 46400 46900 46900 46900 46900 45300 44300 44100 43800 45200 4700	46200 45700 46700 47100 47400 47400 45000 43600 44700 46200 47100 47200	OCTOBER 39100 43700 43700 44100 43300 44000 44000 42700 41400 41100 43400 42600	41800 45000 44800 46000 46000 46000 44800 42900 42900 42700 44800 45100	42300 45100 45400 45900 46900 46600       	NOVEMBER 38100 40500 42200 34700 42200 44000         	40700 43400 45100 45100 45800 45400     			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	49100 47200 47600 47800 47800 47800 46500 44500 44500 44500 44500 44200 48200 4900 4900 4900 4900 4900 4900 4900 4	SEPTEMBI 46400 45500 44900 44500 46100 45200 44700 43600 43100 42600 42700 43000 47200 47200 47000 46800 46500	ER 48200 46400 46900 46900 46900 46900 45300 44300 44300 44100 43800 45200 47700 47600 47400 47400 47200	46200 45700 46700 47100 47400 46100 45000 43600 43600 47100 47200 47200 47200 47200 47200 47200 47200 47200	OCTOBER 39100 43700 43700 44100 43300 44000 44000 44000 44000 44000 44000 45000 45600 45500 44500 44500 44200	41800 45000 46000 46000 46000 44800 42900 42700 44800 42900 42700 44800 45100 46400 46400 46600 45800 45600	42300 45100 45400 45900 46900 46600         	IOVEMBER 38100 40500 42200 34700 42200 44000   	40700 43400 45100 45800 45400       -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	49100 47200 47600 47800 47800 47800 4500 45400 44500 44500 44900 42200 48200 48200 48100 47900 47900 47900 47900 47900 47900 47900 47900 47900 47800 47900 47800 47900 470000000 4700000000	SEPTEMBI 46400 45500 44900 44500 46100 45200 44700 43600 43100 42600 42700 47000 47200 47000 46800 46700 46500 46500 46500 46400 46500 46400 42100 46500 46500 46500 46500 46500 46500 46500 46500 46500 46500 46500 46500 46500 46500 46500 46500 46500 46500 46500 4700 46800 46700 40000	48200         46400         46300         46900         46900         46900         46000         45300         44100         43800         45200         4700         47400         47400         47400         47200         47200         47200         42000         42200         42200         42200	46200 45700 45700 47100 47400 46100 45000 43600 4700 46200 47200 47200 47200 47200 47200 47200 47200 47200 47200 47200 46800 46900 46900 46900	OCTOBER 39100 43700 43700 44100 43300 44000 44000 44000 44000 44000 44000 45000 45600 457000 457000 457000 457000 457000 45700000000000000000000	41800 45000 46000 46000 46000 44800 42900 42900 42700 44800 45100 46400 46400 46400 46400 45600 45600 45600 45400 45400 45400	42300 45100 45400 45900 46900 46600         	IOVEMBER 38100 40500 42200 34700 42200 44000   	40700 43400 45100 45800 45400       -			

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.

						SHALI						
				Tempera	ature,	water,	degrees	Celsiu	IS			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
-				05 0	14.0	10.0	01.0	10.0		00 5	10.0	00.4
1				25.3	14.9	19.2 16.0 13.6 14.8 17.5	31.6	19.2	24.7 20.4	29.5		23.4
2				19.5	11.6	16.0	23.0					24.3
3				15.2	12.3	13.6	24.5		20.1	29.5		25.7
4				17.1	13.2	14.8	26.6	16.5	21.3	29.5		25.2
5				20.8	14.2		28.5		21.7		21.2	24.5
6				21.2	16.5	18.9 20.8 21.9 21.0	25.8 26.6 25.3 21.5	17.7	21.2 21.4 21.6 19.7	30.5	21.5	25.8
7				24.1	16.8	20.8	26.6	14.7	21.4	31.0 29.5 30.5	23.0	27.1
8				27.1 25.3	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	
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		
13				28.0	16 0	20.9				28.0	20.5	
14				31.6	18.6	24.8	29.0	19.2	23.8	24.5		
15				34.5	22.6	24.8 28.3	28.5		24.0	27.5	17.7	22.6
16				21 0			05 7	00 F	22.0	05 0	14 0	20.2
10				31.0	24.1	26.9 23.9 24.3 24.5	25.7 22.9	20.5	23.0 19.9 22.7 21.9 21.6	25.3	14.9 15.7	20.3 19.2
18				29.0 27.5	21.2	23.9	22.9	10.5	19.9	21.5 24.1 24.1	10.7	19.2
19					19.8	24.3	27.5 28.0	17.1	22.7	24.1	16.5	
20				28.5	21.5	24.5	28.0	10.0	21.9	24.1	16.8	
20				32.7			27.1				15.4	17.3
21				29.5	18.6	24.9	27.5 25.3 25.3 25.8 28.5	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	29.3 21.5 20.5 21.2	15.2	18.3	25.3	16.5	20.7	24.9		22.2
24	23.0	13.7	18.7	21.2	15.2	18.8	25.8	16.3	21.4	25.8		23.1
25	24.9	12.5	19.5 19.3 18.7 18.5	29.0	15.7	24.9 20.1 18.3 18.8 22.6	28.5	18.6	21.7 20.9 20.7 21.4 24.0	24.9	19.8	21.7
26	25.3	13.4	18.8 16.1 16.3 18.0 18.2 17.3	32.1	17.4	25.5 26.7 25.4 21.2	26.6	19.8 18.0 17.4	22.7 21.7 21.4 22.4 23.4 22.8	25.3	19.2	21.8
27	20.5	12 5	16 1	32.1 32.7 29.5 25.3 31.6	19 2	26.7	26.6 25.3 25.3 26.2 28.5 26.6	18 0	21 7	24.1		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		23.3
30	20.8	14.4	18.2	31.6	18.0	24.0	28.5	18.3	23.4	25.3		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			
		SEPTEMBE	R		OCTOBER	1	N	OVEMBER				
		00110100										
1	23.3	16.2	20.7	17.4	9.7	13.7	9.1	6.0	7.8			
2	23.0		18.7	17.4	9.1	13.6	13.7					
3	22.6		18.8	18.6	10.5	15.2		10.3				
4	22.2		19.8	19.8	14.7	17.3	12.7	9.7 8.5	10.9			
5	22.6	15.7	19.5	17.4 17.4 18.6 19.8 19.8	14.9	17.4	10.1	8.5	9.3			
6	21.9	14.9		17.4 16.0 14.4 12.7 13.7		15.5 13.2 12.1 10.4 11.9	9.9	6.7	8.4			
7	24.1	16.5	18.6 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	8.9 6.8	10 4						
10	26.6	22.2	23.9	13.7	9.7	11.9						
10	20.0					±±•2						
11	25.8	19.5	23.2	16.5 18.6 16.3	9.9	13.4						
12	24.1		20.6	18.6	11.8	15.2						
13	22.6		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						

13.7 13.2 14.2 14.2 14.2

14.9 17.1

18.9 18.3 18.6

17.4

16.0

13.4 12.2

11.2

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11.2

 $15.4 \\ 15.4$ 

16.0 15.6 15.4

16.8 19.0 21.0 20.6 18.8

19.7 17.1 15.8 14.7

14.1

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18.6

11.4 11.2

9.1 7.4 8.9

7.8 8.3 7.0 11.6 12.3

10.7 8.1 6.2 5.2 4.3 3.7

3.7

14.2

14.4 11.4 10.9 12.3

13.7 14.7

11.8 14.4 14.9

15.2 13.0

11.6 8.9 10.5

8.1 19.8 12.7 13.2 10.7 9.4

10.6

11.4

12.1

10.3 13.3 13.8

12.6

10.7

8.6 7.6 7.7

6.3

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MONTH

18.0 17.7

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16.5

17.7

21.2 24.1 23.3 19.5

22.2

18.6 17.4 17.4

17.7

28.0

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	SHALI	WO	
perature.	water.	degrees	Cels

**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.

				rempere	icurc,	watter,	acgrees	CCIDIC				
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 10				20.8 20.2	16.0 16.2	18.1 18.4	21.9 20.2	16.8 17.7	18.5 19.3	28.5 29.5	23.0 26.2	26.0 27.8
10				20.2	10.2	18.4	20.2	1/./	19.3	29.5	20.2	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 20				27.5 24.9	21.5 20.5	24.1 22.9	25.3 24.9	18.9 18.6	21.3 20.1	24.1 18.6	16.8 15.4	19.9 17.3
20				24.9	20.5	22.9	24.9	10.0	20.1	18.0	13.4	17.5
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

	DEE	P	
Temperature,	water,	degrees	Celsius

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

nu aos	out 0.2 m ao	ove the	stream bo	ttom.j		CHATTO	NT-7					
	Creatit					SHALLO				Ealaanaa	C-1.	
	Specific	conau	ctance,	water,	micro	siemens	per ce	entimete	er at Z	o aegre	es Cels	sius
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
MONT	ГН 12200	599	6260	47200	453	3000	43200	3720	25100	49400	1120	35300

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

						DEE						
	Specific	c condu	ctance,	water,	micros	siemens	per cen	timeter	at 25	degrees	Celsiu	S
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
MONT	TH			34700	448	10000	42900	9280	25000	43700	6380	32300

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

				Temper	ature,	SHAL	L <b>OW</b> degrees	Celsiu	ıs			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1 2 3 4 5	  	  	  	10.0	1 4 0	100	31.4 25.6 23.9 26.0 28.8	19.3 17.8 19.0 20.3	26.3 22.6 20.9 22.0 23.9	28.8 30.3 30.3 30.3	22.0 23.2 23.9 24.3	26.9 27.0
6 7 8 9 10	  	  	  	21.0 24.0 25.6 25.2 26.9	17.2 18.1 19.0 18.4 18.7	19.1 21.1 21.9 21.4 21.9	28.8 26.9 24.8 21.7 22.8	21.7 19.3 20.3 19.0 18.1	24.4 23.0 22.4 20.1 20.1	30.9 30.9 30.3 30.9 28.8	23.2 23.9 23.5 24.8 25.2	27.2 27.1 27.3
11 12 13 14 15	  	  	  	27.8 20.6 26.9 31.4 33.2	18.4 16.6 16.1 18.7 22.4	22.5 18.5 20.5 25.3 27.8	25.2 27.4 27.8 28.3 27.8	17.8 19.7 18.7 20.0 19.6	21.4 22.8 22.8 24.1 23.7	29.3 26.0 27.4 24.8 27.4	23.2 22.4 21.3 21.3 19.6	23.8 23.8 22.8
16 17 18 19 20	  	  	  	31.4 26.5 28.3 27.4 31.4	22.8 20.0 21.3 21.3 21.4	26.5 22.8 24.8 24.2 25.8	25.6 21.7 26.9 29.8 31.4	20.3 19.3 18.4 21.0 22.4	22.6 20.6 22.5 25.0 26.0	27.4 23.6 26.5 26.0 22.1	22.8 17.2 17.2 18.1 17.8	24.8 21.9 22.1 21.9 19.1
21 22 23 24 25	23.6 23.2 23.2 23.2 25.6	16.6 15.8	19.2 19.7 19.5 20.1	29.3 24.3 21.4 21.7 30.9	23.6 20.3 16.6 16.7 17.8	25.7 21.9 19.6 19.8 23.6	30.3 26.5 26.9 28.3 33.8	20.0 18.1 17.8 19.0 23.9	24.8 22.8 23.4 24.5 26.7	20.7 23.6 25.6 26.9 24.4	15.8 17.2 21.0 22.4 19.3	20.8 23.3 24.0
26 27 28 29 30 31	25.2 18.7 20.3 23.2 21.4 20.7	17.2 15.6 15.0 15.3 16.6 14.0	20.3 17.4 17.1 18.8 18.8 17.4	32.6 32.6 30.3 25.2 29.8	22.0 23.9 25.2 20.3 19.3	26.5 28.0 27.4 22.9 24.0	27.8 26.5 25.2 26.0 27.4 26.9	22.4 16.9 17.2 19.0 19.6 20.6	25.3 22.2 21.4 22.5 23.4 23.7	24.0 23.9 28.8 27.4 24.8 23.6	18.4 19.3 19.7 18.1 13.5 19.0	21.1 22.9 21.8
				33.2			33.8					23.5
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
DAI		SEPTEMBE			OCTOBER			NOVEMBER				
2	25.2 23.6 22.1 22.4 24.4	12.3	20.6 17.4 17.4 19.0 18.7	17.2 20.0 19.4 21.7 21.7	10.3 14.0 14.0 15.6 16.1	13.8 16.6 16.8 18.1 18.6	8.6 13.8 14.5 12.8 12.3	6.2 8.6 11.6 10.6 9.9	7.2 11.5 13.2 11.8 11.0			
6 7 8 9 10	26.9	12.1	16.7 19.4 21.8 22.6 20.7	19.0 16.7 14.5 14.3 13.8	14.8 11.4 10.3 7.2 9.7	17.3 14.1 12.4 10.8 11.8		8.4  	9.4  			
11 12 13 14 15	26.5 25.6 23.6 19.7 19.7	18.4 18.7 18.1 15.5 13.0	22.6 21.6 20.6 18.1 16.2	16.9 19.7 17.8 15.0 14.8	9.1 11.9 13.8 12.6 13.3	12.9 15.5 15.6 13.9 13.9	  	  	  			
16 17 18 19 20	19.4 19.7 19.7 18.1 17.5	13.7 14.5 14.8 15.3 15.3	16.3 16.6 17.0 16.6 16.3	15.0 14.5 12.6 10.6 11.9	11.6 12.3 9.5 6.7 8.9	13.3 13.5 11.0 8.9 10.4	  	  	  			
21 22 23 24 25	17.8 21.4 25.2 24.0 20.6	15.8 17.5 19.0 18.1 18.1	17.0 19.1 21.6 20.9 18.9	13.5 15.0 12.6 16.1 15.3	8.7 11.0 7.8 11.2 13.5	11.4 12.8 10.4 13.4 14.3	  	  	   			

15.3 12.6 10.2 9.3 9.2 7.6

21.7

18.1 15.8 14.2 11.4

10.1

\_\_\_

9.5

20.0

16.1 14.9

14.0

\_\_\_

18.5

30

31

MONTH

23.6 19.0

18.1 18.4

18.1

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31.4

10.8 8.3 6.3 3.9 6.0 2.7

2.7

12.7 10.4 8.2 6.8 7.5 5.6

12.7

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 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.

						DEE						
				Temper	ature,	water,	degrees	Celsiu	IS			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1				24.4			28.8	25.2	26.7	30.3		25.6
2 3				20.6	15.0 14 0	19.1 14 9	26.9 24 4	22.4	25.1 23.1	30.3 30.9		26.7 28.2
4				16.7	13.5	19.1 14.9 14.9 17.5	24.8	22.4 22.4 22.1 22.4	23.2	30.9	27.4	28.8
5				20.7	14.8	17.5	26.5	22.4	24.0			28.7
6 7				21.0 23.6	17.2 18.4	19.1 20.7	26.5 26.9	23.2 22.4	24.5 24.5	31.4 30.9		
8				25.2	19.3	20.7 21.7 20.9	26.0	23.9	24.4	30.9 30.3	25.1	27.8
9 10				23.6 23.2	18.7 19.0	20.7 21.7 20.9 20.7	24.7 24.8	22.4 23.9 22.8 23.2	23.4 23.9	30.9 28.8		
11				24.4	19.6	21.8	26.5	23.9	25.0	29.8	23.5	26.6
12 13				22.4	18.1	21.8 20.5 19.9 22.9 27.0	27.4	24.7 21.7 23.9 23.5	25.9	26.0	22.8 21.7 21.7	24.2 24.2
14				20.3	19.3	22.9	28.8	23.9	25.9	27.0	21.7	23.4
15				32.6				23.5	25.4	27.4	21.0	24.3
16 17				28.8	24.7 23.2	26.5	26.9	23.9	25.6	27.8	23.1 17.2	
18				27.4 27.8	21.7	24.3	26.5	23.2	24.4	24.4 26.5 26.0	17.2	21.9
19 20					21.7 21.4	25.0 24.3 24.2 25.1	28.3 26.9	22.8 23.2 22.8 22.4	25.8 24.3	26.0 22.1	18.1 17.8	
21	38.5		16 7	28 8	23 6	25 5	27.8					
22	23.6	15.3	19.1	24.3 20.3 18.7 21.7	20.3	21.9	26.5	18.1	22.5	23.9	17.2	20.9
	22.8 22.8	16.9 16.6	19.1 19.7 19.5 20.0	20.3 18.7	16.6 16.7	17.7 17.6	26.9 27.8	18.1 17.8 19.0 23.9	23.0 24.6	26.0 26.9	17.2 21.3 22.8	23.5 24.3
	25.6			21.7	17.8	19.5	29.8	23.9	26.8	24.0	20.3	22.3
	25.2	17.5	20.3	25.6	21.3	23.3	27.8	23.9	25.7	25.2	19.3	
27 28	19.3 19.3	16.1 15.3	17.5	29.8 28.8	23.9 25.6	26.2 27.1	27.8	22.0 21.0	24.8 24.0	24.0 26.5	20.0 22.4	
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 31	21.0 20.7	17.5 16.1 15.3 15.6 16.6 14.2	17.5	25.6 29.8 28.8 26.0 29.3	19.7	24.0	28.3	22.0 21.0 21.4 22.4	25.1	26.9 24.8	20.0 20.7	
	20 5			20.0								
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
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
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
MONTH	38.5 MAX			32.6 MAX			29.8 MAX		24.6 MEAN	31.4	15.8	24.5
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN		31.4	15.8	24.5
DAY	MAX	MIN SEPTEMBE	MEAN R	MAX	MIN OCTOBER	MEAN	MAX	MIN OVEMBER	MEAN	31.4	15.8	24.5
DAY 1 2	MAX 24.4 24.8	MIN SEPTEMBE 21.7 19.0	MEAN R 22.7 21.9	MAX 18.4 19.7	MIN OCTOBER 14.0 14.5	MEAN 16.6 16.8	MAX N 9.3 14.0	MIN OVEMBER 7.4 8.6	MEAN 8.7 11.6	31.4	15.8	24.5
DAY 1 2 3	MAX 24.4 24.8 24.0	MIN SEPTEMBE 21.7 19.0	MEAN R 22.7 21.9	MAX 18.4 19.7	MIN OCTOBER 14.0 14.5	MEAN 16.6 16.8	MAX N 9.3 14.0	MIN OVEMBER 7.4 8.6	MEAN 8.7 11.6	31.4	15.8	24.5
DAY 1 2	MAX 24.4 24.8	MIN SEPTEMBE 21.7 19.0 18.1 18.1	MEAN R 22.7 21.9	MAX 18.4	MIN OCTOBER 14.0 14.5	MEAN 16.6 16.8	MAX N 9.3 14.0	MIN OVEMBER	MEAN 8.7 11.6	31.4	15.8	24.5
DAY 1 2 3 4 5	MAX 24.4 24.8 24.0 23.6 24.8 24.8	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1	MEAN R 22.7 21.9 21.2 21.2 22.5	MAX 18.4 19.7 20.0 22.1 21.7	MIN OCTOBER 14.0 14.5 15.8 15.8 19.3	MEAN 16.6 16.8 17.6 18.9 20.3	MAX 9.3 14.0 14.3 14.0 13.3 11.2	MIN NOVEMBER 7.4 8.6 13.0 12.8 11.0 9.1	8.7 11.6 13.5 13.5 12.2 10.5	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7	MAX 24.4 24.8 24.0 23.6 24.8 24.8 25.2	MIN SEPTEMBE 21.7 19.0 18.1 20.6 18.1 18.1	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1	MAX 9.3 14.0 14.3 14.0 13.3 11.2 	MIN OVEMBER 7.4 8.6 13.0 12.8 11.0	8.7 11.6 13.5 13.5 12.2	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9	MAX 24.4 24.8 24.0 23.6 24.8 24.8 25.2 26.9 29.3	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 18.1 20.0 21.3	MEAN R 22.7 21.9 21.2 21.2 22.5 21.5 21.6 23.3 24.8	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8	MAX 9.3 14.0 14.3 14.0 13.3 11.2 	MIN OVEMBER 7.4 8.6 13.0 12.8 11.0 9.1   	8.7 11.6 13.5 13.5 12.2 10.5  	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10	MAX 24.4 24.8 24.0 23.6 24.8 24.8 25.2 26.9 29.3 26.5	MIN SEPTEMBE 21.7 19.0 18.1 20.6 18.1 18.1 20.0 21.3 22.0	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6	MAX 9.3 14.0 14.3 14.0 13.3 11.2   	MIN IOVEMBER 7.4 8.6 13.0 12.8 11.0 9.1   	MEAN 8.7 11.6 13.5 12.2 10.5   	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 29.3 26.5 26.9	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1	MEAN R 22.7 21.9 21.2 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 16.9	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.6	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7	MAX 9.3 14.0 14.3 14.0 13.3 11.2   	MIN OVEMBER 7.4 8.6 13.0 12.8 11.0 9.1    	8.7 11.6 13.5 13.5 12.2 10.5  	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 29.3 26.5 26.9 24.8 24.8 24.4 24.4 24.4 24.4 24.4 24.4	MIN SEPTEMBE 21.7 19.0 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1 22.2 21.4	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 16.9 18.4 17.8	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.6 14.8 15.3	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7 16.6 16.6	MAX 9.3 14.0 14.3 14.0 13.3 11.2      	MIN IOVEMBER 7.4 8.6 13.0 12.8 11.0 9.1       	MEAN 8.7 11.6 13.5 13.5 12.2 10.5     	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 29.3 26.5 26.9 24.8	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1 22.2	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 16.9 18.4	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.6 14.8	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 16.1 13.9 11.8 12.6 14.7 16.6	MAX 9.3 14.0 14.3 14.0 13.3 11.2    	MIN OVEMBER 7.4 8.6 13.0 12.8 11.0 9.1    	MEAN 8.7 11.6 13.5 13.5 12.2 10.5   	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 29.3 26.5 26.9 24.8 24.0 22.1 20.3	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1 22.2 21.4 20.5 17.6	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 16.9 18.4 17.8 15.3 14.8	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.6 14.8 15.3 13.3 13.5	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7 16.6 14.2 14.0	MAX 9.3 14.0 14.3 14.0 13.3 11.2     	MIN OVEMBER 7.4 8.6 13.0 12.8 11.0 9.1        	MEAN 8.7 11.6 13.5 13.5 12.2 10.5     	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 29.3 26.5 26.9 24.8 24.0 22.1 20.3 19.4 19.7	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8 14.7 14.8	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1 22.2 21.4 20.5 17.6 16.6 16.7	MAX 18.4 19.7 20.0 16.9 15.8 14.3 14.3 16.9 18.4 17.8 15.3 14.8 15.0 14.8	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 14.0 12.6 14.8 15.3 10.8 10.6 14.8 15.3 13.5 11.9 12.3	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7 16.6 16.6 16.6 16.6 14.2 14.0 13.5 13.6	MAX 9.3 14.0 14.3 14.0 13.3 11.2          -	MIN IOVEMBER 7.4 8.6 13.0 12.8 11.0 9.1          -	MEAN 8.7 11.6 13.5 12.2 10.5        -	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 29.3 26.5 26.9 24.8 24.0 29.3 26.5 26.9 24.8 24.0 22.1 20.3 19.4	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8 14.7	MEAN R 22.7 21.9 21.2 22.5 21.5 21.5 21.5 23.3 24.8 24.1 24.1 22.2 21.2 10.5 17.6 16.6	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 16.9 18.4 17.8 15.3 14.8 15.0	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.8 10.8 15.3 13.3 13.5 11.9	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7 16.6 14.2 14.0 13.5	MAX 9.3 14.0 14.3 14.0 13.3 11.2         	MIN OVEMBER 7.4 8.6 13.0 12.8 11.0 9.1          -	MEAN 8.7 11.6 13.5 13.5 12.2 10.5       	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 24.8 26.5 26.9 24.8 24.0 22.1 20.3 19.4 19.7 20.0	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8 14.7 14.8 15.0	MEAN R 22.7 21.9 21.2 22.5 21.5 21.5 21.6 23.3 24.8 24.1 24.1 22.2 21.4 20.5 17.6 16.6 16.67 17.0	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 16.9 18.4 17.8 15.3 14.8 15.0 14.8 12.6	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.6 14.8 15.3 13.3 13.5 11.9 9 12.3 9.7	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7 16.6 14.2 14.0 13.5 13.6 11.1	MAX 9.3 14.0 14.3 14.0 13.3 11.2          -	MIN IOVEMBER 7.4 8.6 13.0 12.8 11.0 9.1       	MEAN 8.7 11.6 13.5 13.5 12.2 10.5        -	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 24.8 24.0 29.3 26.5 26.9 24.8 24.0 22.1 20.3 19.4 19.7 20.0 18.4 17.2 18.1	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8 14.7 14.8 15.5 15.3 16.1	MEAN R 22.7 21.9 21.2 22.5 21.5 21.5 21.5 23.3 24.8 24.1 24.1 22.2 21.4 122.2 21.5 17.6 16.6 16.7 17.0 16.8 16.4 17.1	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 16.9 18.4 17.8 15.3 14.8 15.0 14.8 15.0 14.8 12.1 13.8	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.8 10.8 10.6 14.8 15.3 13.3 13.5 11.9 12.3 9.7 7.6 9.1 10.6	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7 16.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 11.1 9.3 10.6 12.3	MAX 9.3 14.0 14.3 14.0 13.3 11.2         	MIN OVEMBER 7.4 8.6 13.0 12.8 11.0 9.1         	MEAN 8.7 11.6 13.5 12.2 10.5   	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 24.8 24.8 24.8 24.2 26.9 24.8 24.0 22.1 20.1 20.1 20.1 20.1 19.4 19.7 20.0 18.4 17.2	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8 14.7 14.8 15.0 15.5 15.3	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1 22.2 21.4 20.5 17.6 16.6 16.6 16.7 17.0 16.8 16.4	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 16.9 18.4 17.8 15.3 14.8 15.0 14.8 12.1	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.6 14.8 15.3 13.5 11.9 12.3 9.7 7.6 9.1	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7 16.6 14.2 14.0 13.5 13.6 11.1 9.3 10.6	MAX 9.3 14.0 14.3 14.0 13.3 11.2          -	MIN IOVEMBER 7.4 8.6 13.0 12.8 11.0 9.1       	MEAN 8.7 11.6 13.5 13.5 12.2 10.5        -	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 24.8 24.8 24.8 25.2 29.3 26.5 26.9 24.8 24.0 22.1 20.3 19.4 19.7 20.0 18.4 17.2 18.1 20.3 24.4 23.6	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8 14.7 14.8 15.5 15.3 16.1 17.8 20.0 20.0	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1 22.2 21.4 122.2 21.5 17.6 16.6 16.7 17.0 16.8 16.4 17.1 18.8 22.0	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 16.9 18.4 15.3 14.8 15.3 14.8 15.0 14.8 15.0 14.8 15.0 14.8 15.1 13.8 15.3 14.2 13.1 13.2 14.3	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.8 10.6 14.8 15.3 13.3 13.5 11.9 12.3 9.7 7.6 9.1 10.6 11.7 8.9 9.1	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7 16.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 15.3 10.6 14.2 14.2 15.3 10.6 12.3 13.4 11.9 12.8	MAX 9.3 14.0 14.3 14.0 13.3 11.2          -	MIN OVEMBER 7.4 8.6 13.0 12.8 11.0 9.1         	MEAN 8.7 11.6 13.5 12.2 10.5        -	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 24.8 24.0 22.1 20.3 19.4 19.7 20.0 18.4 19.7 20.0 18.4 19.7 20.0 18.4 12.3 24.4 23.6 22.8	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8 14.7 14.8 15.5 15.3 16.1 17.8 20.0 20.0 19.0	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1 24.1 24.1 24.1 24.1 16.6 16.6 16.7 17.0 16.8 16.4 17.1 18.8 21.2 22.5 21.2 22.5 21.5 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 15.3 13.2 14.3 15.3	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 14.0 12.6 14.8 13.3 10.8 10.6 14.8 15.3 13.5 11.9 12.3 9.7 7.6 9.1 10.6 11.7 8.9 11.4 14.0	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7 16.6 14.2 14.0 13.5 13.6 14.1 9.3 10.6 12.3 13.4 11.9 12.8 14.5	MAX 9.3 14.0 14.3 14.0 13.3 11.2          -	MIN 7.4 8.6 13.0 12.8 11.0 9.1          -	MEAN 8.7 11.6 13.5 12.2 10.5        -	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 24.8 24.8 24.8 25.2 29.3 26.5 26.9 24.8 24.0 22.1 20.3 19.4 19.7 20.0 18.4 17.2 18.1 20.3 24.4 23.6	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8 14.7 14.8 15.5 15.3 16.1 17.8 20.0 20.0	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1 22.2 21.4 122.2 21.5 17.6 16.6 16.7 17.0 16.8 16.4 17.1 18.8 22.0	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 16.9 18.4 15.3 14.8 15.3 14.8 15.0 14.8 15.0 14.8 15.0 14.8 15.1 13.8 15.3 14.2 13.1 13.2 14.3	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.8 10.6 14.8 15.3 13.3 13.5 11.9 12.3 9.7 7.6 9.1 10.6 11.7 8.9 9.1	MEAN 16.6 16.8 17.6 18.9 20.3 17.9 16.1 13.9 11.8 12.6 14.7 16.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 14.0 15.3 10.6 14.2 15.3 10.6 14.2 14.2 15.3 10.6 12.3 13.4 11.9 12.8	MAX 9.3 14.0 14.3 14.0 13.3 11.2          -	MIN OVEMBER 7.4 8.6 13.0 12.8 11.0 9.1         	MEAN 8.7 11.6 13.5 12.2 10.5        -	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 24.8 24.0 22.1 20.3 19.4 19.7 20.0 18.4 19.7 20.0 18.1 20.3 24.4 23.6 22.8 24.2 20 21.3	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8 14.7 14.8 15.0 15.5 15.3 16.1 17.8 20.0 20.0 19.0 19.3 19.0 19.3	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1 22.2 21.4 20.5 17.6 16.6 16.7 17.0 16.8 16.4 17.1 18.8 21.6 22.0 21.2 20.5 20.	MAX 18.4 19.7 20.0 16.9 15.8 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 15.3 15.3 13.2 14.3 15.3 1	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 14.0 12.6 14.8 15.3 10.8 10.6 14.8 15.3 13.5 11.9 12.3 9.7 7.6 9.1 10.6 11.7 8.9 11.4 14.0 11.9 8.9 7.2	MEAN 16.6 16.8 17.9 16.1 13.9 20.3 17.9 16.1 13.9 14.7 16.6 14.6 14.2 14.0 13.5 14.6 11.1 9.3 10.6 12.3 13.4 11.9 12.8 14.5 14.4 11.9 9.3	MAX 9.3 14.0 14.3 14.3 11.2        -	MIN 7.4 8.6 13.0 12.8 11.0 9.1          -	MEAN 8.7 11.6 13.5 12.2 10.5        -	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	MAX 24.4 24.8 24.0 23.6 24.8 25.2 26.9 24.8 24.0 29.3 26.5 26.9 24.8 24.0 22.1 20.3 19.4 19.7 20.0 18.4 17.2 18.1 20.3 24.4 22.8 23.2 22.0 21.3 21.0 19.7	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 19.0 15.5 15.3 16.1 17.8 20.0 20.0 19.0 19.0 19.0 19.0 19.3 19.0 19.3 19.0 19.3 16.9 14.5	MEAN R 22.7 21.9 21.2 22.5 21.5 21.6 23.3 24.8 24.1 24.1 22.2 21.4 24.1 22.2 17.6 16.6 16.7 17.0 16.8 16.4 17.1 18.8 21.6 21.2 20.5 17.6 16.6 16.7 17.0 16.6 16.6 16.7 17.0 16.8 16.4 17.1 18.8 21.1 20.5 10.0 17.0 10.	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 18.4 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.3 14.8 15.0 14.8 15.0 14.8 12.1 13.8 15.3 13.2 14.3 15.3 13.2 14.3 15.3 13.2 11.0 9.8 9.6	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.8 10.6 14.8 15.3 13.5 11.9 12.3 9.7 7.6 6 9.1 10.6 11.7 8.9 11.4 14.0 11.9 8.9 7.2 5.0 7.0	MEAN 16.6 16.8 17.9 16.1 13.9 11.8 12.6 14.7 16.6 14.2 14.0 13.5 13.6 11.1 9.3 10.6 12.3 13.4 11.9 12.8 14.5 14.4 11.9 9.3 7.9 8.5	MAX 9.3 14.0 14.3 14.0 13.3 11.2   	MIN IOVEMBER 7.4 8.6 13.0 12.8 11.0 9.1          -	MEAN 8.7 11.6 13.5 12.2 10.5  	31.4	15.8	24.5
DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	MAX 24.4 24.8 24.0 23.6 24.8 25.9 29.3 26.5 26.9 24.8 24.0 22.1 20.3 19.4 19.7 20.0 18.4 17.2 18.1 20.3 24.8 22.8 23.2 22.0 21.3 21.0	MIN SEPTEMBE 21.7 19.0 18.1 18.1 20.6 18.1 18.1 20.0 21.3 22.0 22.1 19.6 19.0 16.4 15.8 14.7 14.8 15.5 15.3 16.1 17.8 20.0 20.0 19.0 19.0 19.0 19.0 19.0 19.0 19.3 19.0 19.3 16.9	MEAN R 22.7 21.9 21.2 21.2 21.5 21.5 21.5 21.5 23.3 24.8 24.1 24.1 22.2 21.2 1.5 21.6 16.6 16.6 16.7 17.0 16.8 16.4 17.1 18.8 22.0 21.1 20.5 17.6 18.6 16.4 17.1 18.8 22.0 21.1 20.5 21.5 20.5	MAX 18.4 19.7 20.0 22.1 21.7 20.0 16.9 15.8 14.3 14.3 14.3 16.9 18.4 15.3 14.8 15.3 14.8 15.0 14.8 15.0 14.8 15.3 14.8 15.3 14.2 15.3 13.2 14.3 15.3 13.2 14.3 15.3 13.2 15.3 15.3 13.2 11.0 9.8	MIN OCTOBER 14.0 14.5 15.8 19.3 16.6 14.0 12.6 8.3 10.8 10.8 10.8 10.6 14.8 15.3 13.3 13.5 11.9 12.3 9.1 10.6 11.7 8.9 11.4 14.0 11.9 8.9 7.2 5.0	MEAN 16.6 16.8 17.9 16.1 13.9 11.8 12.6 14.7 16.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.6 14.2 14.0 13.5 13.4 1.9 12.8 14.5 14.4 11.9 7.9	MAX 9.3 14.0 14.3 14.0 13.3 11.2   	MIN OVEMBER 7.4 8.6 13.0 12.8 11.0 9.1         	8.7         11.6         13.5         12.2         10.5	31.4	15.8	24.5

4.2 13.6

MONTH 29.3 14.5 20.4 22.1

**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.]

iu about	0.2 111 abo	ove the s	stream bou	.0111.]		SHALL	WC					
Sp	pecific	condu	ctance,	water,	micro			ntimete	er at 2	5 degree	es Cels	ius
DAY	MAX	MIN	MEAN									
		MAY			JUNE			JULY			AUGUST	
1 2				2950 10900	986 1250	1740 2760	10500 10100	2360 4800	4190 6470	22900 23500	20800 22500	21700 22900
3				8300	352	2380	8240	3560	5400	24300	23200	23800
4 5				6330 3000	246 254	1190 644	8550 10300	3990 5120	6400 7440	25300 26600	23600 24200	24600 25800
6 7				1020	305	457 432	14700	5380	8680	26200	25200	25600 25500
8				555 594	368 392	539	10400 10400	4880 3660	7880 7460	26500 26000	24800 24600	25200
9 10				820 800	533 685	706 761	8870 2510	1880 1300	6190 1930	24900 24800	18000 17900	23000 23800
11				893	709	811	2620	1400	2020	23700	17300	21000
12				950	771	867	6410	2090	3260	22500	15900	20700
13 14				1220 983	632 583	867 766	5600 3760	2140 1140	3410 2230	22400 23100	18600 16000	21800 19500
15				1020	706	827	3560	1080	1750	25400	15400	21200
16				1210	757	910	1800	1190	1470	33400	17900	25100
17 18				1230 1160	871 732	1030 905	3100 11300	1530 2520	1840 3630	43000 44300	30600 20700	33000 40400
19 20				732 785	405 407	489 506	22900 30300	6780 17000	9730 22900	45000 45600	24300 35300	41600 43700
21				1120	530	621	37700	28300	35200	44800	35300	42800
22 23	1360 2770	435 672	629 1100	5830 20100	833 2310	1630 11300	43200 43100	31200 34500	40700 41000	43700 42100	36900 38300	41600 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 27	10000 10000	2000 2560	7960 5500	16700 11400	3960 3310	10700 7070	35100 29500	26400 20800	31900 25000	35200 34900	33200 33200	34500 34000
28	10000	2040	6610	6020	3310	4280	24700	21700	23400	34300	32500	33300
29 30	10000 10000	3840 1830	8430 3480	5390 5110	2980 3020	4080 4000	25100 23900	23000 21100	23900 22600	34000 33000	31800 31800	32800 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			
	2	SEPTEMBE	ER		OCTOBER		1	NOVEMBER				
1	34700	32300	33900				33500	29500	32600			
2 3	33700 32100	30100 30500	31200 31200				33500 32400	31800 28600	32500 31900			
4 5	32400 32600	30100 31700	32000 32100				33900 36500	26800 25900	32400 33500			
6	32400	31500	32000				33100	29800	31900			
7	32900	31400	32100									
8 9	33000 33200	31700 31800	32300 32400									
10	33400	26700	32700									
11	33800	32100	33000	36200	34200	35000						
12 13	34800 35300	31900 33700	33500 34300	36700 40900	34900 35300	35500 36500						
14 15	39900 44400	34600 37800	35400 39200	44000 44600	36400 40200	40500 43500						
16	46000	42000	43700	43100	39200	42000						
17	46000	43000	44800	44000	39000	42300						
18 19	46400 46100	42800 41700	45300 44800	42600 40900	38600 36800	40700 38500						
20	45300	39700	43400	38700	35900	37400						
21 22	43000 42200	39700 37100	41700 40400	37900	35600	37000 34800						
23	39300	37100 36300	40400 38000	36400 34700	32000 32800	34800 33700						
24 25	37100 36400	26600 33600	36000 34700	34400 34400	33300 31500	33800 33500						
26	38800	33400	37000	33500	25700	32700						
27	37500	23000	32800	34700	28900	32500						
28 29	30900 31500	29500 30300	30200 30800	32800 33100	23800 21700	31700 30600						
30 31	32000	30900	31200	32900 32800	20500 25400	29200 30600						
MONTH	46400	23000	35700	44600	20500	35800						
11010111	10100	20000	33700	11000	20000	55000						

 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.

Gree						DEE			at 25		Coloiuu	_
-							per cent			-		
DAY	MAX	MIN MAY	MEAN	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN	MAX	MIN AUGUST	MEAN
1				4230	2080	3080	13500	4150	6340	25000	20900	22200
2 3				16400 13600	1680 3900	4020 11100	14600 13800	5420 7490	9420 10700	23900 23900 24000	22100 23000	22800 23600
3 4 5				9580 3330	1440 293	6300 812	13800 13800 15700	7700 11600	11300 13500	24000 25300 26600	23400 23400 24000	24400 26000
6				1200	315	488	16600	13400	15400	26400	24000	25500
7				685 1140	383 502	468	19100 18900	14500 17000	17600 18000	26000 26000 26000	24900 24800 24600	25400 25200
9				1070	670	803	18300	15000	17500	25600	24500	24900
10 11				1210 1100	763 721	878 902	15200 15900	8580 8890	11700 12800	25500 26700	24600 25000	25000 26100
12 13				1140 1590	795 955	985	17000 16500	14800 13800	15900 15100	26700 26100 25700	25300 25300 24500	25600 25100
13 14 15				1600	988	1280 1390	16500	4350	13700	25400	22900	24700
15				1580 1400	1010 749	1350 1090	13800 12300	8110 6720	11400 11200	25700 33000	22500 25400	23300 26300
17				1260	927	1090	11600 11400	2890	8170	42200	18200	32300
18 19				1490 735	735 396	1090 492	22900	3590 9460	6840 11900	43500 44500	25600 40600	40300 43000
20 21				747 1050	411	514 617	29800	22500 29800	25000	44800	36900 40800	43500
22	2520	435	813	7540	518 1050	5910	38500 43300	31700	37000 40900	44400 43500	39600	43300 41900
23 24	3430	755	1570	23700 26800	4600 17700	20800	43600 42400	36800 37300	41600 40300	41400 39800	27300 18600	39400 35000
25				23400	18000	22500	39400	36000	38000	37300	30400	35900
26 27				22800 17100	16500 11500	17900 15400	37700 29800	29500 25600	33900 28900	36100 35700	33600 33700	34800 34500
28 29				12600 8090	3840 4140	7760 5580	30500 29100	28000 26200	28800 27900	34300 34200	33300 32500	33800 33200
30 31	10000	1760	3260	9450	4800	6770	28500 26100	22300 21300	25500 24300	34000 33900	31300 32300	32700 32900
MONTH				26800	202	FFFO	43600	2000	00000		10000	20700
				20000	293	5550	43000	2890	20300	44800	18200	30700
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	43800 MAX	MIN	MEAN	44800	18200	30700
DAY	MAX	MIN SEPTEMBI					MAX			44800	18200	30700
1	34200	SEPTEMBI 33400	ER 33700	MAX	MIN OCTOBER	MEAN	MAX 1 33700	MIN NOVEMBER 32200	MEAN 33100	44800	18200	30700
1 2 3	34200 34400 34300	SEPTEMBI 33400 32900 30600	ER 33700 33700 32100	MAX	MIN OCTOBER	MEAN	MAX 33700 33700 33300	MIN NOVEMBER 32200 32300 32000	MEAN 33100 33200 32500	44800	18200	30700
1 2	34200 34400	SEPTEMBI 33400 32900	ER 33700 33700	MAX 	MIN OCTOBER	MEAN	MAX 1 33700 33700	MIN NOVEMBER 32200 32300	MEAN 33100 33200	44800	18200	30700
1 2 3 4 5	34200 34400 34300 33200 32300 32100	SEPTEMBI 33400 32900 30600 31300 31300 31000	ER 33700 33700 32100 31800 31800 31600	MAX	MIN OCTOBER   	MEAN	MAX 33700 33700 33300 34000 36600 36900	MIN NOVEMBER 32200 32300 32000 32000 31600 31900	MEAN 33100 33200 32500 33100 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8	34200 34400 34300 32200 32300 32100 32000 32400	SEPTEMBI 33400 32900 30600 31300 31300 31300 31000 30700 31100	ER 33700 32100 31800 31800 31600 31600 31800	MAX	MIN OCTOBER    	MEAN	MAX 33700 33700 33300 34000 36600 36900 	MIN NOVEMBER 32200 32300 32000 31600 31900  	MEAN 33100 33200 32500 33100 34500 33700	44800	18200	30700
1 2 3 4 5 6 7	34200 34400 34300 32200 32300 32100 32000	SEPTEMBI 33400 32900 30600 31300 31300 31300 31000 30700	ER 33700 32100 31800 31800 31800 31600 31600	MAX	MIN OCTOBER   	MEAN	MAX 33700 33700 33300 34000 36600 36600	MIN NOVEMBER 32200 32000 32000 31600 31900 	MEAN 33100 32200 32500 33100 34500 33700 	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11	34200 34400 34200 32200 32300 32100 32000 32400 32800 32800 33000 33100	SEPTEMBI 33400 32900 30600 31300 31300 31300 31400 31400 32000 32400	ER 33700 32100 31800 31800 31600 31600 31600 31800 32100 32500 32700	MAX	MIN OCTOBER      34500	MEAN	MAX 33700 33700 33300 34000 36600 36900    	MIN 32200 32300 32000 31600 31900   	MEAN 33100 32500 33100 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13	34200 34400 32200 32200 32200 32400 32400 32800 33000 31100 34100	SEPTEMBI 33400 32900 31300 31300 31300 31000 31100 31100 31400 32000 32400 32400	ER 33700 32100 31800 31800 31600 31600 31600 31200 32500 32700 33100 33900	MAX	MIN OCTOBER     34500 34500 35100	MEAN	MAX 33700 33700 33300 34000 36600 36600 36900        	MIN 32200 32300 32000 31600 31900     	MEAN 33100 33200 33100 33100 334500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12	34200 34400 34300 32200 32300 32100 32400 32400 32800 33000 33100 34100	SEPTEMBI 33400 32900 30600 31300 31300 31300 31000 30700 31400 32000 32400 32600	ER 33700 32100 31800 31800 31600 31600 31600 32100 32200 32700 33100	MAX	MIN OCTOBER       34500 34500	MEAN	MAX 33700 33700 33300 34000 36600 36600 36900     	MIN 32200 32300 32000 31600 31900   	MEAN 33100 32500 33100 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	34200 34400 33200 32300 32000 32400 32800 33000 33100 34100 34100 43800 43800 43800	SEPTEMBI 33400 32900 31300 31300 31300 31300 31400 32000 32400 32400 33400 34300 34300 34300	ER 33700 32100 31800 31800 31600 31600 31600 31800 32100 32500 32700 33100 33900 35100 38900 43400	MAX     35900 36100 43400 43400 43900 43900	MIN OCTOBER     34500 34500 34500 34500 35100 39000 41600	MEAN	MAX 33700 33700 33300 34000 36600 36900             	MIN 32200 32300 32000 31600 31900       	MEAN 33100 32500 33100 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	34200 34400 3200 32200 32200 32400 32400 32400 33000 33100 34100 34100 34800 34200 43800 45100 45900	SEPTEMBI 33400 32900 31300 31300 31300 31300 31400 32000 32400 32400 32400 32400 32400 32400 32400 32400 42700 42200	ER 33700 32100 31800 31800 31600 31600 31600 31600 32500 32700 32700 33100 33900 35100 38900 43400 44400	MAX     35900 36100 40300 43400 43900 43400 43900	MIN OCTOBER      34500 34500 34500 35100 39000 41600 40300 39800	MEAN	MAX 33700 33700 33300 34000 36600 36900  	MIN 32200 32300 32000 31600 31900       	MEAN 33100 33200 33100 33100 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	34200 34400 32200 32200 32400 32400 32400 33000 33100 34100 34100 34200 44800 45300	SEPTEMBI 33400 32900 31300 31300 31300 31300 31000 32000 32400 32400 32400 32400 32400 32400 32500 42000 42700	ER 33700 32100 31800 31800 31600 31600 31600 32500 32700 32700 33100 33900 35100 38900 43400 44400	MAX     35900 36100 40300 43400 43900 43900 43000 43000	MIN OCTOBER      34500 34500 34500 35100 39000 41600 40000	MEAN	MAX 33700 33700 33300 34000 36600 36900  	MIN 32200 32000 32000 31600 31900       	MEAN 33100 32500 33100 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	34200 34400 33200 32300 32000 32400 32800 33000 34100 34100 34800 45100 45100 45100	SEPTEMBI 33400 32900 31300 31300 31300 31400 32000 32400 32400 34300 34300 34300 34300 42700 42200 42200 42800 40900	ER 33700 32100 31800 31800 31600 31600 31600 32100 32200 32700 33100 32900 32900 32900 34400 44400 44400 44400 44700 42700	MAX      35900 36100 40300 43400 43400 43400 43900 43400 43900 43100 43900 39600	MIN OCTOBER      34500 34500 34500 34500 35100 39000 41600 40000 40000 40000 40000 40000 40000 39800 37800 34700 34700	MEAN	MAX 33700 33700 33300 34000 36600 36900  	MIN 32200 32300 32000 31600 31900         	MEAN 33100 32500 3100 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 177 18 19 20 21 22 23	34200 34400 32200 32200 32400 32400 32400 33000 33100 34100 34100 34200 45100 45100 45100 45100 45100 45100	SEPTEMBI 33400 32900 31300 31300 31300 31300 31400 32000 32400 32500 34200 34200 32400 32500 34200 34200 32500 34200 42200 42200 42200 42200 42200 42200 400 30500 40000 42000 4000000	ER 33700 32100 31800 31800 31800 31600 31600 31600 32500 32700 32700 32100 32500 32700 33100 33900 3400 44400 44400 44400 44500 42700 42100 41500	MAX 35900 36100 40300 43900 43900 43900 43900 43000 43900 43000 43000 43000 43000 43000 43000 43000 38700 38700	MIN OCTOBER      34500 34500 35100 34500 35100 41600 40000 40000 40000 40000 39800 37800 37800 34700 36200 33100	MEAN	MAX 33700 33700 33000 34000 36600 36900   	MIN 32200 32300 32000 31900 31900   	MEAN 33100 32500 33100 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	34200 34400 32200 32200 32400 32400 32400 33400 34100 34100 34800 45100 45100 45100 45100	SEPTEMBI 33400 32900 31300 31300 31300 31300 31400 32000 32400 32400 32400 32400 34300 34300 34300 42700 42200 42200 42200 42200 42200 40000	ER 33700 32100 31800 31800 31600 31600 31600 32100 32500 32700 33100 32900 33900 34400 44400 44900 44400 44900 42700 42100	MAX      35900 36100 40300 43400 43900 43400 43900 43400 43900 43200 43200 43000 400000 4000000	MIN OCTOBER      34500 34500 34500 35100 35100 39000 41600 40300 39800 39800 37800 37800 37800 34700	MEAN	MAX 33700 33300 34000 36600 36900  	MIN 32200 32000 31600 31900       	MEAN 33100 32500 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	34200 34400 32300 32300 32000 32400 32800 33000 34100 34100 43800 45100 45100 45100 45100 45100 45100 42200 42400 42400 42400 42400 42800	SEPTEMBI 33400 32900 31300 31300 31300 31300 31400 32000 32400 32400 34300 34300 34300 34300 34300 42200 42200 42200 40200 40200 40200 35000 35000 39100	ER 33700 32100 31800 31800 31800 31600 31800 32100 32100 32100 32100 32500 32700 33100 33900 35100 38900 43400 44400 44400 44400 44500 42700 42100 39800 39700	MAX      35900 36100 40300 43400 43400 43400 43900 43400 43900 43900 43900 43900 43900 43900 35100 38700 38700 38700 35500 34600	MIN OCTOBER      34500 34500 34500 35100 39000 41600 40000 40000 40000 40000 40000 37800 37800 34700 36500 36500 36500 33100 33500 33100	MEAN	MAX 33700 33700 33300 34000 36600 36900   	MIN 32200 32300 32000 31600 31900   	MEAN 33100 32500 33100 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	34200 34400 32200 32200 32400 32400 32800 33000 33100 34100 34100 34800 45000 45000 45100 45100 45100 45100 45100 42200 42400 42200 42500	SEPTEMBI 33400 32900 31300 31300 31300 31300 31400 32000 32400 32400 32400 32400 32400 32400 32400 42000 42200 42200 42200 42200 42200 42200 42200 42200 42200 33400 37500 39400 326000 326000 326000 326000 326000 3260000000 3260000000	ER 33700 32100 31800 31800 31800 31600 31600 31600 32100 32500 32700 32700 33100 33900 34400 44400 44400 44900 44400 44900 43700 42700 41500 41700 39800 39700 40000 37100	MAX      35900 36100 40300 40300 43900 43900 43900 43900 43900 43900 43900 43900 43900 43900 43900 35500 35500 34600 34400	MIN OCTOBER      34500 34500 34500 35100 35000 41600 40000 40000 40000 40000 39800 37800 37800 37800 37800 34700 36500 36500 36500 33100 33500 33100 32800 32800 32800	MEAN	MAX 33700 33700 33300 34000 36600 36900  	MIN 32200 32300 32000 31600 31900       	MEAN 33100 32500 32500 33100 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	34200 34400 32200 32200 32200 32400 32400 33400 34800 4500 45000 45500 45500 45100 45100 45100 45100 45100 45100 45000 45000	SEPTEMBI 33400 32900 31300 31300 31300 31400 32000 32400 32400 32400 32400 32400 32400 32400 32400 42700 42700 42200 42200 42200 42200 40200 40200 40200 40200 40200 35000	ER 33700 32100 31800 31800 31800 31600 31600 32500 32500 32700 33100 32500 32700 33100 3400 44400 44400 44400 44400 44400 44500 42700 42700 41500 39800 39700 40000	MAX 35900 36100 40300 43400 43900 43000 43400 43900 43000 43000 43000 43000 43000 36700 38700 38700 38700 38700 38700 35500 34600 34600 34700	MIN OCTOBER      34500 34500 34500 34500 34500 34500 34500 34500 34500 34700 40000 40300 39800 39800 34700 36500 33100 33500 33100	MEAN	MAX 33700 33700 33300 36600 36900  	MIN 32200 32000 31600 31900       	MEAN 33100 32500 34500 33700	44800	18200	30700
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	34200 34400 32300 32300 32000 32400 32800 33000 34100 34100 43800 45300 45300 45300 45100 45100 45100 45100 45100 45100 42200 42400 33100 43100 43000 4500 4500 4100 4500 4500 4500 4500 4	SEPTEMBI 33400 32900 31300 31300 31300 31300 31400 32000 32400 32400 34300 34300 34300 34300 34300 34300 42700 42800 40900 40800 40800 40800 40900 35000 39100 39400 32400 31700	ER 33700 32100 31800 31800 31800 31800 31600 31800 32100 32100 32500 32700 33100 32900 33900 33900 43400 44400 44400 44600 43700 42100 42100 38900 39700 309700 40000 37100 37200	MAX        35900 36100 40300 43400 43400 43400 43900 43000 43000 43000 43000 43000 43000 38700 38700 38700 35500 34600 34400 34400 34300	MIN OCTOBER      34500 34500 34500 35100 39000 41600 40000 40000 40000 40000 40000 40000 39800 37800 37800 37800 34700 36500 36500 36500 33100 33500 33100 32800 32900 32800 32900	MEAN	MAX 33700 33700 33300 34000 36600 36900   	MIN 32200 32300 32000 31600 31900   	MEAN 33100 32500 3100 34500 33700	44800	18200	30700

 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 2 3 4 5	  	  	  	24.2 19.9 14.7 16.6 20.6	14.4 13.2 12.3 11.9 13.2	18.8 16.1 13.6 14.4 17.4	29.0 24.6 23.0 26.2 27.1	22.3 19.9 17.4 18.6 19.9	25.4 22.3 20.2 21.9 23.1	30.0 30.0 30.6 31.1 31.1	21.5 23.0 24.2 25.4 25.0	27.1 27.9
6 7 8 9 10	  	  	  	20.9 23.8 23.0 23.8 26.2	16.8 17.7 18.3 17.4 17.7	18.9 20.7 20.9 20.3 21.2	27.6 25.8 25.4 21.9 22.6	21.6 19.2 19.6 18.6 17.4	24.3 22.5 22.1 20.0 20.0	31.6 31.1 31.1 31.1 28.5	24.1 24.2 24.6 24.2 24.2	27.4 26.7
11 12 13 14 15	  	  	  	24.6 20.9 24.2 31.1 31.6	17.4 16.3 15.8 18.3 21.6	20.9 17.8 19.4 23.9 26.2	25.4 27.1 27.1 28.5 27.6	17.7 19.9 17.7 17.4 18.6	21.5 22.9 22.5 23.2 23.2	29.5 24.2 27.6 23.8 27.6	21.9 20.8 20.2 20.5 18.9	22.7 23.1 22.3
16 17 18 19 20	  	  	  	31.6 26.2 27.6 25.8 29.0	23.4 21.2 21.2 20.6 20.5	26.4 23.3 24.5 22.9 24.7	25.8 21.9 26.2 29.5 31.1	19.2 19.2 18.9 21.2 23.8	22.5 20.5 22.2 25.2 26.8	27.1 23.8 27.6 27.1 24.2	19.9 21.2 20.9 19.9 19.2	23.1 22.5 23.8 23.3 20.6
21 22 23 24 25		15.7	18.3 18.9 19.1 19.7	28.5 24.6 21.6 21.6 29.5	23.4 20.2 19.2 18.6 19.2	25.2 21.9 20.4 20.2 23.8	29.0 27.6 27.1 29.5 31.6	23.8 20.2 20.5 22.6 24.2	26.1 24.1 24.3 25.9 27.5	20.9 24.6 27.1 27.6 25.0	16.9 19.2 21.6 21.9 18.9	21.8 24.0 24.3
26 27 28 29 30 31	22.6 18.3 20.2 21.9 20.2 20.2	16.6 15.5 14.7 15.5 15.5 13.5	19.4 17.0 17.1 18.3 18.2 16.9	30.6 31.6 29.5 24.2 28.1	22.6 23.0 23.8 19.5 17.4	26.2 26.8 26.2 21.9 23.0	28.5 26.2 28.5 28.5 30.0 27.1	23.4 21.5 20.2 22.6 20.5 21.2	26.3 23.7 23.9 25.5 25.2 24.1	25.0 23.8 27.6 26.2 25.4 24.2	18.6 18.9 20.9 21.6 18.9 19.9	21.7 21.2 23.5 23.8 21.8 22.0
MONTH	24.6			31.6			31.6					
DAY	MAX			MAX			MAX	MIN	MEAN			
		SEPTEMBE	IR		OCTOBER		N	OVEMBER				
		SEPTEMBE 18.6 15.2			OCTOBER			OVEMBER				
1 2 3 4 5 6 7	23.8 24.2 22.6 22.6 23.0 21.9 25.0	SEPTEMBE 18.6 15.2 16.8 17.1 19.2	22.0 19.7 19.4 20.0 20.7 19.1 20.6	  	OCTOBER   		N	0VEMBER 6.2 8.8 13.0 12.1 8.9 7.4 	7.4 11.6 13.6 13.2 11.1			
1 2 3 4 5 6 7 8 9 10 11	23.8 24.2 22.6 23.0 21.9 25.0 26.3 28.5 25.8 25.4	SEPTEMBE 18.6 15.2 16.8 17.1 19.2 16.3 17.4 18.9 20.2 21.2 21.6	22.0 19.7 19.4 20.0 20.7 19.1 20.6 22.1 23.5 23.1 23.1	    	OCTOBER      9.9		N 9.0 13.5 14.5 14.0 13.2 9.8   	0VEMBER 6.2 8.8 13.0 12.1 8.9 7.4 	7.4 11.6 13.6 13.2 11.1 8.3 			
1 2 3 4 5 6 7 8 9 10 11 12 13 14	23.8 24.2 22.6 22.6 23.0 21.9 25.0 26.3 28.5 25.8 25.4 24.2 23.0 20.2	SEPTEMBE 18.6 15.2 16.8 17.1 19.2 16.3 17.4 18.9 20.2 21.2 21.6 18.9 18.0 16.3	CR 22.0 19.7 19.4 20.0 20.7 19.1 20.6 22.1 23.5 23.1 23.1 21.3 20.4 17.7	    17.4 20.9 17.4 16.3	OCTOBER      9.9 12.8 13.0 11.2	   13.7 16.1 15.7 14.6	N 9.0 13.5 14.5 14.0 13.2 9.8       	OVEMBER 6.2 8.8 13.0 12.1 8.9 7.4       	7.4 11.6 13.6 13.2 11.1 8.3    			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 19	23.8 24.2 22.6 22.6 23.0 21.9 25.0 26.3 28.5 25.8 25.4 24.2 23.0 20.2 20.9 20.2 20.2 20.2 19.2	SEPTEMBE 18.6 15.2 16.8 17.1 19.2 16.3 17.4 18.9 20.2 21.2 21.6 18.9 18.0 16.3 12.5 14.7 15.2 16.0 16.0	CR 22.0 19.7 19.4 20.0 20.7 19.1 20.6 22.1 23.5 23.1 23.1 23.1 23.1 21.3 20.4 17.7 16.9 17.2 17.5 18.0 17.6	    17.4 20.9 17.4 16.3 15.5 15.5 14.7 12.3 11.0	OCTOBER      9.9 12.8 13.0 11.2 14.0 12.3 11.9 9.3 8.2	   13.7 16.1 15.7 14.6 14.5 14.0 13.8 10.8 9.7	N 9.0 13.5 14.5 14.0 13.2 9.8          -	OVEMBER 6.2 8.8 13.0 12.1 8.9 7.4  	7.4 11.6 13.6 13.2 11.1 8.3       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	23.8 24.2 22.6 22.6 23.0 21.9 25.0 26.3 28.5 25.8 25.4 24.0 20.2 20.2 20.2 20.2 20.2 20.2 20	SEPTEMBE 18.6 15.2 16.8 17.1 19.2 16.3 17.4 18.9 20.2 21.2 21.6 18.9 18.0 16.3 12.5 14.7 15.2 16.0 16.0 15.5 16.3 18.0 19.9 18.0	CR 22.0 19.7 19.4 20.0 20.7 19.1 20.6 22.1 23.5 23.1 23.1 23.1 23.1 21.3 20.4 17.7 16.9 17.2 17.5 18.0 17.6 16.7 19.6 22.2 21.5	     17.4 20.9 17.4 16.3 15.5 15.5 14.7 12.3 11.0 13.0 16.6 15.8 13.5 16.3	OCTOBER       9.9 12.8 13.0 11.2 14.0 12.3 11.9 9.3 8.2 9.6 10.6 11.8 8.3 11.9	    13.7 16.1 15.7 14.6 14.5 14.0 13.8 10.8 9.7 11.1 13.0 13.6 11.3 13.9	N 9.0 13.5 14.5 14.0 13.2 9.8          -	OVEMBER 6.2 8.8 13.0 12.1 8.9 7.4   	7.4 11.6 13.6 13.2 11.1 8.3          -			

# Water temperature and specific conductance monitored at two depths, stations 101-105 67

 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
2111		MAY	1 111 111		JUNE	1 121 11 1		JULY	1 1121 111		AUGUST	
1 2				21.6	15.2		27.1		25.3			
3				19.9 15.5	14.0	16.6 15.0 15.0	25.8 25.0	20.2 21.2	23.9 22.8	28.5 29.5	24.6	26.9
4 5				16.6 20.6	13.7 13.7	17.4	25.8 26.2		23.5 24.6	30.0 29.5		27.6 27.3
6 7				20.9 23.4	16.6 17.7	18.9 20.6	28.5 28.0	24.6 24.1	26.2 26.2 26.3 24.9	30.0 30.0		
8 9				23.0	18.6	20.7	27.6	24.1	26.3	29.5	24.6	27.1
10				23.4 25.4	17.1 17.7	20.1 21.2	26.7 24.6	23.0	24.9 23.3	28.1 28.1		
11 12				24.6 21.6	17.7 16.6	21.4 18.1 17.4 21.0	26.7 28.0	23.0	24.9	28.5 26.2 26.2 24.2	24.6 22.6	
13				20.2	16.0	17.4	30.0	23.4	27.3	26.2	22.0	23.7
14 15				23.8 26.3	18.6 22.3	21.0 24.1	29.5 28.5	21.9 24.5	26.3 26.5	24.2 26.2	21.2 19.5	23.3 22.4
16				31.6	23.4		27.6			25.8		
17 18				26.2 27.6	21.9	23.8 24.4	25.4 26.2	21.2 21.6	22.5 23.7	24.2 26.7		
19 20				25.4 28.1	19.9 20.5	22.8 24.1	28.5 30.0			26.2 24.2		22.9 20.5
21				28.5	23.4	25.4 23.3 20.4 19.5	29.0	24.1	25.4	20.9	17.1	
22 23	22.3 21.9	14.7 15.8	18.3 19.1	24.6 21.2	20.5 19.9	23.3 20.4	26.7 27.1	20.2 20.5	23.1 23.4	20.9 24.2 26.7 27.6	19.2 21.6	21.5 23.8
24 25	22.3 22.6	17.7 18.0	19.8 20.0	21.2 24.2	18.6 19.2	21.3	29.5	23.0 24.6	25.6 27.2	27.6 24.6	22.3 20.9	24.6
26	22.6	18.6	20.4	27.1		24.8	29.5 26.2 27.6 28.0 29.0	25.4	27.2 25.3	25.0		22.0
27 28	20.2 18.9		18.6 17.6	29.5 29.5	25.0 25.0	27.2 27.4	26.2	24.1 23.0	25.3 25.7	22.6 25.0	19.6 21.6	21.3 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 31	21.2 20.2	17.4 14.2	19.7 17.5	27.1	18.6	22.7	29.0 26.7	21.6 21.5	25.4 24.2	24.6 24.2		21.8 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			
		SEPTEMBE	IR		OCTOBER	L	Ν	IOVEMBER				
1 2	23.8 23.8	21.2 19.2	22.3 21.7				8.8 13.5		8.0 11.2			
3	22.6	16.8	19.7				14.2	12.8	13.5			
4 5	22.3 23.0	17.4 19.2	20.0 20.9				14.2 13.7	13.0 10.6	13.6 12.2			
6	21.2	16.0	18.7 20.2				10.8	7.8	9.2			
7 8	23.0 25.0	17.7 19.2	21.7									
9 10	26.7 25.8	20.9 21.6	23.2 23.2									
11	25.0	21.6	23.1	16.9	10.1	13.8						
12 13	23.8 22.3	18.6 16.6	21.1 20.0	19.3 17.4	12.8 12.8	15.9 15.8						
14 15	20.2 19.9	16.3 14.4	17.7 17.2	16.6 15.5	14.0 14.0	15.3 14.6						
16	19.9	16.3	17.7	15.8	13.2	14.3						
17 18	20.2 20.2	15.5 16.0	17.7 18.1	14.7 12.3	12.3 9.3	13.8 11.1						
19 20	19.2 18.3	16.3 15.8	17.7 16.9	12.3 13.3	10.5 10.6	11.1 11.8						
21	18.3	16.3	17.6	16.0	12.3	13.7						
22 23	21.2 23.8	18.0 20.2	19.5 22.0	16.6 15.0	13.2 11.4	14.8 13.2						
24 25	25.0 23.4	21.5 18.3	23.3 20.4	15.0 15.2 15.5	12.1 15.0	13.4 15.2						
26	23.8	20.5	22.0	15.2	12.8	14.1						
27 28	23.0 20.2	20.2 14.7	22.4 17.0	14.0 11.6	11.2 8.3	12.6 10.2						
29	19.2	14.2	16.6	10.2	6.4	8.6						
30 31	19.3	12.5	15.7	10.2 7.5	6.9 5.2	8.8 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.]

			ictance,		micro	SHALLC siemens		ntimete	er at 2	5 degre	es Cels	ius
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY			AUGUST	
1 2 3 4 5	  	  	  	867 1560 1290 775 301	414 388 187 128 123	548 598 441 212 146	2460 2240 1420 1130 1180	550 834 681 566 560	859 1300 958 787 760	14700 14200 14400 15800 16900	8060 10400 13100 11300 11700	10700 12800 13700 13300 13900
6 7 8 9 10	  	  	  	209 203 249 282 260	121 138 152 194 207	143 159 194 231 232	1570 1000 720 589 373	604 604 485 332 291	858 764 581 447 322	15400 14500 14600 14400 14000	12500 13600 14100 13400 13500	13700 14000 14300 14000 13800
11 12 13 14 15	  	  	  	335 331 335 326 311	251 261 275 218 242	290 295 301 261 267	363 364 360 370 371	260 272 330 324 310	309 316 347 349 337	13900 13900 13300 13100 13000	13400 13200 12700 12300 11700	13600 13500 13000 12700 12600
16 17 18 19 20	  	  	  	440 355 328 302 274	244 295 225 199 165	320 324 268 225 204	336 365 631 2560 6960	272 283 324 439 879	298 314 360 583 1610	23900 30800 37600 44100 47400	12600 21300 24200 25600 16700	13800 24100 28200 36200 38000
21 22 23 24 25	367 1050 2850	 193 214 225	 216 317 595	275 481 1550 9480 11300	164 259 298 298 476	213 344 509 3250 5180	16200 33200 38400 37400 32700	3370 10300 10300 14800 20600	9080 20900 28100 30100 26500	44300 42800 41500 38100 33000	28400 24700 35700 30300 27800	41600 37200 39400 34600 31200
26 27 28 29 30 31	3960 3260 10000 10000 2150 744	364 498 647 769 551 566	1070 1100 2230 2350 867 639	7730 3590 1320 991 1110	661 723 508 569 831	3120 1850 768 743 926	26600 17600 14700 14700 14000 14100	16200 9410 12000 11900 12200 7740	22400 13300 13200 13400 13000 11600	34300 33800 33400 31000 31700 33600	29600 32300 22900 15000 30100 31100	31300 33100 30400 25400 30900 32100
MONTH	10000	193	1040	11300	121	752	38400	260	6900	47400	8060	22800
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
		SEPTEMBE	ER		OCTOBER		1	NOVEMBER				
1 2 3 4 5	33000 31800 32200 32500 32800	29300 29700 30900 31400 31900	31700 30500 31500 31900 32300	  	  	  	34400 33000 32800 32600 33000	31000 32200 31700 31800 30500	32200 32600 32200 32200 31900			
6 7 8	32800 32800 33200	32000 31600 32100	32400 32400 32600									
9 10	33500	32200	33000	 36900	 35900	36400						
11 12 13 14 15	  	  	  	36900 36800 38300 43100 44800	36100 11300 35800 27100 40200	36400 24600 36500 37800 42400	  	  	  			
16 17 18 19 20	44800 47500 49200 49200 47800	37800 43200 45200 46200 44700	39600 45700 47800 47700 46300	44600 44100 43500 40500 38800	16700 18400 14800 38000 18700	33300 34400 40900 39000 32400	  	  	  			
21 22 23 24 25	45900 43500 41300 40100 34900	42700 40100 37300 34200 33300	44400 42300 39500 35700 34400	38700 36800 35200 34800 34300	26800 34400 33500 33800 10200	36500 35700 34400 34300 24200	  	  	  			
26 27 28 29 30 31	38200 38200 33100 32200 32100	32800 32300 31200 30300 31200	35200 34800 32100 31000 31600	34000 34200 34300 34400 34400 34500	24700 33600 33700 33800 26700 34000	33400 33900 34000 34000 33900 34200	   	  	   			
	49200	29300	36500	44800	10200	34700						

# Water temperature and specific conductance monitored at two depths, stations 101-105 69

 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.

Gr	ocifi	r condu	ctanco	wator	micros	DEE		timotor	at 25	degrees	Colsius	-
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DIT	1001	MAY	111111	1001	JUNE	111111	1001	JULY	1 1112 114	1001	AUGUST	111111
1 2 3 4 5	  	  	  	5250 5000 4090 5070 4810	4140 3570 3240 3480 3040	4750 4560 3820 4360 4060	2790 2710 1200 1000 1300	592 845 681 554 603	977 1390 1040 824 924	21400 21300 20700 17800 19300	13100 16600 16700 14600 15000	17800 20100 19400 16200 17200
6 7 8 9 10	  	  	  	3040 449 339 348 385	127 136 162 189 207	1780 202 245 263 270	1610 879 795 692 565	662 643 624 418 340	1030 771 687 544 394	17700 17300 14400 13300 13600	16200 13800 13300 12900 12600	16800 16300 13800 13100 13100
11 12 13 14 15	  	  	  	379 399 506 376 393	244 256 315 221 237	313 320 360 290 322	567 533 441 432 499	284 274 317 310 300	385 411 367 356 386	12900 12600 12100 11800 14100	12300 12100 11600 11300 11400	12500 12400 11900 11600 11700
16 17 18 19 20	  	  	  	478 467 632 419 332	249 291 239 211 177	332 352 378 279 261	497 354 739 2370 6440	274 284 322 428 1040	356 329 352 569 2000	21800 28200 34300 40400 43100	14100 20800 24400 32800 34900	15000 22300 28200 38600 41700
21 22 23 24 25	4870 5270 6240	2690 3220 2850	4190 4490 5340	322 497 1670 8830 10600	203 243 293 285 680	250 344 682 6590 9060	15300 30700 35400 34400 31200	6440 10000 20500 27600 28800	13300 26400 31600 32200 29900	41500 40100 38200 37000 34800	37400 37400 35800 34500 30500	39900 38600 37000 35700 32500
26 27 28 29 30 31	10000 6620 10000 10000 6980 5800	4370 4940 6320 5760 4570 4450	6790 6290 9390 9540 5810 5320	8490 5240 2060 1010 1030	2860 1770 646 610 817	6700 3220 1260 780 879	29800 26600 25800 25100 23600 22300	26600 23400 23600 23200 21700 13500	28500 24800 24600 24000 22600 19300	36800 37000 32700 31300 31000 33400	27700 31700 29900 29200 28000 28800	33600 33900 31100 30500 29600 32100
MONTH	10000	2690	6350	10600	127	1910	35400	274	9400	43100	11300	24000
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
		SEPTEMBI	ER		OCTOBER		1	NOVEMBER				
1 2 3 4 5	34700 33100 30700 29800 30000	30400 29300 17300 28800 29200	32300 30700 27500 29200 29500	  	  	  	31400 32000 30100 29700 30800	11700 23800 9790 21700 14400	18500 30300 26400 27600 21100			
6 7 8 9 10	30100 30000 30800 31000	22000 15900 20600 18600	28700 26600 28600 28600	  33500	  15700	  29200	  	  	  			
11 12 13 14 15	  	  	  	33600 33700 35100 39200 40500	16000 32800 11600 17800 14500	28000 33200 27200 30300 35600	  	  	  			
16 17 18 19 20	41100 43200 44700 44600 43300	18000 40900 41300 42500 40500	32200 42200 43900 43700 42300	40700 41100 39800 38000 35700	38900 37600 37200 25200 34100	40200 39700 38100 33300 35100	  	  	  			
21 22 23 24 25	42200 40300 39400 39600 38100	39600 38900 38400 37300 34900	41000 39800 38900 38300 36800	35800 33900 33700 32500 32200	25800 25100 16200 23600 15300	33700 32300 31200 30600 28500	  	  	  			
26 27 28 29 30 31	38300 35600 34800 35000 34700	35000 34100 33100 30900 19000	36400 34800 34000 33100 30000	32200 31400 31500 31600 31500 30400	17700 14300 11900 17300 15100 11800	24900 23000 25100 22700 21600 16800	  	  	  			
	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

				Tempera	ature.	water,	<b>d</b> egrees	Celsiu	s			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAI	PICK.	MAY	1.115PAIN	PIPIX	JUNE	PILSAN	1.11.17	JULY	PILIPIN	1.17.17	AUGUST	PIDAN
1						10 0	00 E		25 2	20 E		04 7
1 2				23.3 18.8		18.9 16.4	28.5 24.1		25.2 22.4	30.5 30.0		24.7 25.8
3				14.9	13.4	14.1	23.0	19.5	21.1	31.0	23.3	27.1
4 5				15.7 20.2		14.3 16.6	24.9 26.6		21.8 23.2	30.5 31.0		27.0 27.1
5				20.2	14.1				23.2	51.0	24.1	27.1
6				19.8		18.1	28.0 24.9 24.9 21.5 22.9	21.8		30.5		26.9
7 8				24.1 22.6		20.3 20.2	24.9	20.4	22.6 22.3	31.6 31.0		27.8 27.3
9				23.0	17.9	20.3	21.5	19.8 19.2	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		21.5	24.9	19.2	22.0	30.0		
12 13				20.8 22.6		18.8 19.0	26.6 26.6	20.1	22.7	24.9 28.0		22.6 23.1
13				30.5		23.7	30.5	19.2	24.5	28.0		23.1
15				29.5		25.6	29.0	20.4	22.0 22.7 22.6 24.5 24.5	29.5		22.8
16				30.5	24.5	26.7	26.2			28.5	18.8	23.4
17				27.1		24.3	22.2	20.1	21.1	24.5		22.6
18 19				27.1 25.3	22.6	24.8 23.3	26.2 30.5		22.3 24.5	27.1 28.5		
20				23.3		23.3	30.5		24.5	26.1		
21 22				28.5 24.9	22.9 20.8	25.5 22.3	31.0 29.0	21.5 23.3	26.3 25.8 25.9 26.6 27.9	22.6 25.3		21.1 22.9
23	20.8	15.9	18.5	21.8	19.5	20.6	29.0	23.7	25.9	27.5		24.6
24 25	23.0 23.0	16.5	19.4	21.5	20.1	20.7 22.9	29.5 31.0	24.5	26.6	28.0		24.8
23	23.0	16.2	19.4	28.0	20.1				27.9	24.5	19.1	22.1
26	21.2	15.9	18.8	30.5 30.0 30.5 26.2 27.1		25.3	28.4 27.1 28.0 27.1 28.0 27.5	23.7	26.3	24.9		21.3
27 28	17.9 20.1	15.9 15.2	17.0 17.3	30.0		26.6 27.4	27.1	18.2 19.5	23.0 23.3	24.1 28.0		21.3 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			23.0	28.0	19.2	23.6	27.1		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	MTN	MEAN	MAX	MTN	MEAN	MAX	MTN	MEAN			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
DAY		MIN SEPTEMBE			MIN OCTOBER	MEAN		MIN OVEMBER	MEAN			
1	24.5	SEPTEMBE	21.6		OCTOBER		N 8.3	OVEMBER 6.3	7.1			
1 2	24.5 24.1	SEPTEMBE 18.8 15.9	21.6 20.0		OCTOBER		N 8.3 13.2	OVEMBER 6.3 8.3	7.1 11.2			
1	24.5	SEPTEMBE 18.8 15.9 15.9	21.6		OCTOBER		N 8.3	OVEMBER 6.3 8.3 12.5	7.1 11.2 13.3			
1 2 3	24.5 24.1 23.0	SEPTEMBE 18.8 15.9 15.9	21.6 20.0 19.7		OCTOBER	 	N 8.3 13.2 14.7	OVEMBER 6.3 8.3 12.5 11.3	7.1 11.2 13.3			
1 2 3 4 5	24.5 24.1 23.0 21.9 23.7	SEPTEMBE 18.8 15.9 15.9 17.4 18.5	21.6 20.0 19.7 19.6 20.8	  	OCTOBER   	  	N 8.3 13.2 14.7 12.7	OVEMBER 6.3 8.3 12.5 11.3	7.1 11.2 13.3 12.0			
1 2 3 4 5 6 7	24.5 24.1 23.0 21.9 23.7 23.7 24.5	SEPTEMBE 18.8 15.9 15.9 17.4 18.5 16.2 17.4	ER 21.6 20.0 19.7 19.6 20.8 19.9 20.9	   	OCTOBER     		N 8.3 13.2 14.7 12.7 11.6	0VEMBER 6.3 8.3 12.5 11.3 9.1  	7.1 11.2 13.3 12.0 10.2			
1 2 3 4 5 6 7 8	24.5 24.1 23.0 21.9 23.7 23.7 24.5 25.8	SEPTEMBE 18.8 15.9 15.9 17.4 18.5 16.2 17.4 18.8	ER 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3	   	OCTOBER     	  	N 8.3 13.2 14.7 12.7 11.6  	OVEMBER 6.3 8.3 12.5 11.3 9.1  	7.1 11.2 13.3 12.0 10.2			
1 2 3 4 5 6 7	24.5 24.1 23.0 21.9 23.7 23.7 24.5	SEPTEMBE 18.8 15.9 15.9 17.4 18.5 16.2 17.4	ER 21.6 20.0 19.7 19.6 20.8 19.9 20.9	   	OCTOBER     		N 8.3 13.2 14.7 12.7 11.6	0VEMBER 6.3 8.3 12.5 11.3 9.1  	7.1 11.2 13.3 12.0 10.2			
1 2 3 4 5 6 7 8 9 10	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0	SEPTEMBE 18.8 15.9 15.9 17.4 18.5 16.2 17.4 18.8 20.1 	21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9	   13.7	OCTOBER     10.3	   11.9	N 8.3 13.2 14.7 12.7 11.6   	OVEMBER 6.3 8.3 12.5 11.3 9.1     	7.1 11.2 13.3 12.0 10.2			
1 2 3 4 5 6 7 8 9	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0	SEPTEMBE 18.8 15.9 15.9 17.4 18.5 16.2 17.4 18.8 20.1	ER 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9	   13.7 16.3	OCTOBER    10.3 10.3		N 8.3 13.2 14.7 12.7 11.6   	OVEMBER 6.3 8.3 12.5 11.3 9.1    	7.1 11.2 13.3 12.0 10.2			
1 2 3 4 5 6 7 8 9 10 11 12 13	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0  	SEPTEMBE 18.8 15.9 15.9 17.4 18.5 16.2 17.4 18.8 20.1  	ER 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9 	   13.7 16.3 19.2 16.5	OCTOBER	   11.9 13.2 15.5 15.0	N 8.3 13.2 14.7 12.7 11.6     	OVEMBER 6.3 8.3 12.5 11.3 9.1        -	7.1 11.2 13.3 12.0 10.2    			
1 2 3 4 5 6 7 8 9 10 11 12 13 14	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0   	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.8 20.1   	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 20.9 22.3 23.9  	   13.7 16.3 19.2 16.5 15.4	OCTOBER     10.3 10.3 12.7 12.9 12.5	   11.9 13.2 15.5 15.0 14.0	N 8.3 13.2 14.7 12.7 11.6       	OVEMBER 6.3 8.3 12.5 11.3 9.1        -	7.1 11.2 13.3 12.0 10.2      			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0    	SEPTEMBE 18.8 15.9 15.9 17.4 18.5 16.2 17.4 18.8 20.1     	ER 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9    	   13.7 16.3 19.2 16.5 15.4 15.7	OCTOBER     10.3 10.3 12.7 12.9 12.5 14.6	   11.9 13.2 15.5 15.0 14.0 15.0	N 8.3 13.2 14.7 12.7 11.6     	OVEMBER 6.3 8.3 12.5 11.3 9.1        -	7.1 11.2 13.3 12.0 10.2       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0    19.2	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.8 20.1    13.2	ER 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9     16.5	   13.7 16.3 19.2 16.5 15.4 15.7 16.5	OCTOBER    10.3 10.3 12.7 12.9 12.5 14.6 13.4	   11.9 13.2 15.5 15.0 14.0 15.0 14.9	N 8.3 13.2 14.7 12.7 11.6          -	OVEMBER 6.3 8.3 12.5 11.3 9.1        -	7.1 11.2 13.3 12.0 10.2        -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0    19.2 21.2	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.8 20.1   13.2 14.6	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9     16.5 18.3	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.2	OCTOBER    10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2	   11.9 13.2 15.5 15.0 14.0 15.0 14.9 14.4	N 8.3 13.2 14.7 12.7 11.6      	OVEMBER 6.3 8.3 12.5 11.3 9.1        -	7.1 11.2 13.3 12.0 10.2       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0    19.2 21.2 21.2 20.8	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.8 20.1   13.2 14.6 16.8 18.2	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 20.9 22.3 23.9   16.5 18.3 19.5 19.3	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.4 15.7 16.5 15.2 12.2 12.0	OCTOBER    10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 9.8	   11.9 13.2 15.5 15.0 14.0 15.0 14.9 14.4 11.0 10.9	N 8.3 13.2 14.7 12.7 11.6       	OVEMBER 6.3 8.3 12.5 11.3 9.1  	7.1 11.2 13.3 12.0 10.2        -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0    19.2 21.2 21.5	SEPTEMBE 18.8 15.9 15.9 17.4 18.5 16.2 17.4 18.8 20.1   13.2 14.6 16.8	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9    16.5 18.3 19.5	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.2 12.2	OCTOBER     10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9	   11.9 13.2 15.5 15.0 14.0 15.0 14.9 14.4 11.0	N 8.3 13.2 14.7 12.7 11.6       	OVEMBER 6.3 8.3 12.5 11.3 9.1        -	7.1 11.2 13.3 12.0 10.2        -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0   19.2 21.2 21.2 21.2 20.8 20.1 19.2	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.8 20.1  13.2 14.6 16.8 18.2 17.9 17.6	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 20.9 22.3 23.9   16.5 18.3 19.5 19.3 18.7 18.5	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.4 15.7 16.5 15.2 12.2 12.0 12.9 14.4	OCTOBER     10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 9.8 10.3 9.7	   11.9 13.2 15.5 15.0 14.0 15.0 14.9 14.4 11.0 10.9 11.6 12.5	N 8.3 13.2 14.7 12.7 11.6       	OVEMBER 6.3 8.3 12.5 11.3 9.1        -	7.1 11.2 13.3 12.0 10.2        -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0   19.2 21.2 21.2 20.5 20.1 19.2 21.9	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.8 20.1   13.2 14.6 16.8 18.2 17.9 17.6 18.9	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9   16.5 18.3 19.5 19.3 18.7 18.5 20.1	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.2 12.2 12.0 12.9 14.4 14.7	OCTOBER    10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 8 10.3 9.7 10.1	   11.9 13.2 15.5 15.0 14.0 15.0 14.9 14.4 11.0 10.9 11.6 12.5 12.9	N 8.3 13.2 14.7 12.7 11.6       	OVEMBER 6.3 8.3 12.5 11.3 9.1        -	7.1 11.2 13.3 12.0 10.2        -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0   19.2 21.2 21.2 21.2 20.8 20.1 19.2	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.8 20.1  13.2 14.6 16.8 18.2 17.9 17.6	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 20.9 22.3 23.9   16.5 18.3 19.5 19.3 18.7 18.5	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.4 15.7 16.5 15.2 12.2 12.0 12.9 14.4	OCTOBER     10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 9.8 10.3 9.7	   11.9 13.2 15.5 15.0 14.0 15.0 14.9 14.4 11.0 10.9 11.6 12.5	N 8.3 13.2 14.7 12.7 11.6       	OVEMBER 6.3 8.3 12.5 11.3 9.1        -	7.1 11.2 13.3 12.0 10.2        -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0   19.2 21.2 21.5 20.8 20.1 19.2 21.9 25.3	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.8 20.1  13.2 14.6 16.8 18.2 17.9 17.6 18.9 20.1	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9   16.5 18.3 19.5 19.3 18.7 18.5 20.1 22.3	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.2 12.2 12.0 12.9 14.4 14.7 13.0	OCTOBER     10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 9.8 10.3 10.3 12.7 12.9 12.5 14.6	   11.9 13.2 15.5 15.0 14.0 15.0 14.0 15.0 14.4 11.0 10.9 11.6 12.5 12.9 10.4	N 8.3 13.2 14.7 12.7 11.6       	OVEMBER 6.3 8.3 12.5 11.3 9.1  	7.1 11.2 13.3 12.0 10.2        -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0   19.2 21.2 21.5 20.8 20.1 19.2 21.9 25.3 23.0 20.1	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.8 20.1   13.2 14.6 16.8 18.2 17.9 17.6 18.9 20.1 17.1 17.9	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9   16.5 18.3 19.5 19.3 18.7 18.5 20.1 22.3 20.3 18.9	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.2 12.2 12.0 12.9 14.4 14.7 13.0 15.7 15.4	OCTOBER    10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 9.8 10.3 9.7 10.1 7.2 11.8 13.4	   11.9 13.2 15.5 15.0 14.0 15.0 14.0 15.0 14.4 11.0 10.9 11.6 12.5 12.9 10.4 13.8 14.3	N 8.3 13.2 14.7 12.7 11.6       	OVEMBER 6.3 8.3 12.5 11.3 9.1   	7.1 11.2 13.3 12.0 10.2        -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0    19.2 21.2 21.2 21.2 21.2 21.2 21.2 20.8 20.1 19.2 21.9 25.3 23.0 19.8	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.5 16.2 17.4 18.8 20.1   13.2 14.6 16.8 18.2 17.9 17.6 18.9 20.1 17.1 17.9 17.6 14.9	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9    16.5 18.3 19.5 19.3 18.7 18.5 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 20.1 20.2 18.7 19.5 19.3 18.7 18.5 20.1 22.3 20.1 22.3 20.1 22.3 20.5 19.5 18.3 19.5 18.5 20.1 22.3 20.5 20	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.4 15.7 16.5 15.2 12.0 12.9 14.4 14.7 13.0 12.9 14.4 14.7 13.0 15.7	OCTOBER     10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 9.8 10.3 9.7 10.1 7.2 9.9 9.8 10.3 10.3 12.5 14.6 13.4 11.3 9.5	   11.9 13.2 15.5 15.0 14.0 15.0 14.0 15.0 14.4 11.0 10.9 11.6 12.5 12.9 10.4 13.8 14.3 13.2 11.0	N 8.3 13.2 14.7 12.7 11.6          -	OVEMBER 6.3 8.3 12.5 11.3 9.1   	7.1 11.2 13.3 12.0 10.2         			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0   19.2 21.2 21.5 20.8 20.1 19.2 21.9 25.3 23.0 20.1 19.2 21.9 25.3 23.0 20.1 19.2 21.9 25.3 23.0 20.1	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.5 16.2 17.4 18.8 20.1  13.2 14.6 16.8 18.2 17.9 17.6 14.9 20.1 17.1 17.9 17.6 14.9 13.6	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9   16.5 18.3 19.5 19.3 18.5 20.3 18.7 18.5 20.3 18.9 20.4 17.0 15.4	    13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.2 12.2 12.0 12.9 14.4 14.7 13.0 15.7 15.4 15.7 15.4 15.7	OCTOBER     10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 9.8 10.3 9.7 10.1 7.2 11.8 13.4 13.4 13.4 13.4 1.3 9.7	   11.9 13.2 15.5 15.0 14.0 15.0 14.4 11.0 15.0 14.4 11.0 10.9 11.6 12.5 12.9 10.4 13.8 14.3 13.2 11.0 8.8	N 8.3 13.2 14.7 12.7 11.6          -	OVEMBER 6.3 8.3 12.5 11.3 9.1  	7.1 11.2 13.3 12.0 10.2        -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0    19.2 21.2 21.2 21.2 21.2 21.2 21.2 20.8 20.1 19.2 21.9 25.3 23.0 19.8	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.5 16.2 17.4 18.8 20.1   13.2 14.6 16.8 18.2 17.9 17.6 18.9 20.1 17.1 17.9 17.6 14.9	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9    16.5 18.3 19.5 19.3 18.7 18.5 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 20.1 20.2 18.7 19.5 19.3 18.7 18.5 20.1 22.3 20.1 22.3 20.1 22.3 20.5 19.5 18.3 19.5 18.5 20.1 22.3 20.5 20	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.4 15.7 16.5 15.2 12.0 12.9 14.4 14.7 13.0 12.9 14.4 14.7 13.0 15.7	OCTOBER     10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 9.8 10.3 9.7 10.1 7.2 9.9 9.8 10.3 10.3 12.5 14.6 13.4 11.3 9.5	   11.9 13.2 15.5 15.0 14.0 15.0 14.0 15.0 14.4 11.0 10.9 11.6 12.5 12.9 10.4 13.8 14.3 13.2 11.0	N 8.3 13.2 14.7 12.7 11.6          -	OVEMBER 6.3 8.3 12.5 11.3 9.1   	7.1 11.2 13.3 12.0 10.2         			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0   19.2 21.5 20.8 20.1 19.2 21.9 25.3 23.0 20.1 19.2 21.9 25.3 23.0 20.1 19.2 21.9 21.9 23.0 20.1 19.2 21.9 21.9 21.9 21.9 21.9 21.9 21	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.8 20.1  13.2 14.6 16.8 18.2 17.9 17.6 18.9 20.1 17.1 17.9 17.6 14.9 13.6 11.3	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9   16.5 18.3 19.5 19.3 18.7 18.5 20.1 22.3 20.3 18.9 20.4 17.0 15.4 14.2	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.4 15.7 16.5 15.2 12.0 12.9 14.4 14.7 13.0 15.7 15.4 15.7 15.4	OCTOBER     10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 9.8 10.3 9.7 10.1 2.2 9.8 10.3 9.7 10.1 1.2 2 11.8 13.4 11.3 9.5 7.5 8	   11.9 13.2 15.5 15.0 14.0 15.0 14.9 14.4 11.0 10.9 11.6 12.5 12.9 10.4 13.8 14.3 13.2 11.0 8.8 7.7	N 8.3 13.2 14.7 12.7 11.6       	OVEMBER 6.3 8.3 12.5 11.3 9.1  	7.1 11.2 13.3 12.0 10.2        -			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	24.5 24.1 23.0 21.9 23.7 24.5 25.8 28.0   19.2 21.2 21.2 21.2 21.2 21.2 21.2 21.2	SEPTEMBE 18.8 15.9 17.4 18.5 16.2 17.4 18.5 17.4 18.5 16.2 17.4 18.5 16.2 17.4 18.5 16.2 17.4 18.5 16.2 17.4 18.5 16.2 17.4 18.5 16.2 17.4 18.5 16.2 17.4 18.5 16.2 17.4 17.4 16.8 18.9 17.9 17.6 18.9 17.9 17.6 14.9 17.6 14.9 13.6 11.3 10.5 10	CR 21.6 20.0 19.7 19.6 20.8 19.9 20.9 22.3 23.9   16.5 18.3 19.5 18.5 20.1 22.3 20.1 22.3 19.5 18.5 20.1 22.3 20.1 22.3 18.7 18.5 20.1 22.3 20.1 22.3 23.9  16.5 18.3 19.5 19.5 19.5 19.5 20.1 22.3 23.9   16.5 18.3 19.5 20.1 22.3 23.9   16.5 18.3 19.5 20.1 22.3 23.9   16.5 18.3 19.5 20.1 22.3 23.9   16.5 18.3 19.5 20.1 22.3 23.9    16.5 18.3 19.5 20.1 22.3 20.1 22.3 23.9     16.5 18.3 19.5 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 22.3 20.1 20.3 20.4 17.0 15.4 14.2 13.9	   13.7 16.3 19.2 16.5 15.4 15.7 16.5 15.4 15.7 16.5 15.2 12.2 12.0 12.9 14.4 14.7 13.0 15.7 15.4 15.7 15.4 15.7 15.4 15.7 15.4 15.7 15.4 15.7 15.4 15.7 15.4 15.7 15.4 15.7 15.4 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7	OCTOBER     10.3 10.3 12.7 12.9 12.5 14.6 13.4 12.2 9.9 9.8 10.3 9.7 10.1 7.2 9.9 9.8 10.3 10.3 12.5 14.6 13.4 12.2 9.9 9.8 10.3 10.3 12.5 14.6 13.4 12.2 9.5 7.0 10.1 7.2 10.1 7.2 10.3 10.3 10.3 12.5 14.6 13.4 12.5 14.6 10.1 7.5 10.5 10.1 7.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10	   11.9 13.2 15.5 15.0 14.0 15.0 14.0 15.0 14.4 11.0 12.5 12.9 10.4 13.8 14.3 13.2 11.0 8.8 7.7 8.1	N 8.3 13.2 14.7 12.7 11.6       	OVEMBER 6.3 8.3 12.5 11.3 9.1   	7.1 11.2 13.3 12.0 10.2         			

 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	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	
		MAY			JUNE			JULY			AUGUST		
1 2						17.6 16.4		22.6 20.1			23.3 24.5	26.0 27.4	
3					13.4 13.4	14.2 14.3		19.1 18.8	20.4	29.5 29.5 30.5	26.6	28.0 27.4	
5					13.9	15.8	24.1	20.5	22.3	31.0	26.6		
6 7				22.6	16.8	17.3 19.6	24.9 24.1	21.5 19.8 20.5	23.2 22.0	30.5 30.5	26.6 25.7	28.2	
8 9						19.6 19.6	21.8	19.8	20.6	30.0 29.0			
10 11					17.9	20.7		19.2					
11 12 13				22.6 21.1 20.5	17.1	20.6 18.8 18.4 21.4	22.9	19.2 20.1 19.2 19.8	21.1 21.7	29.5 24.9 26.6	22.6 20.4 20.8		
14 15				20.3 24.1 26.6	18.8	21.4	24.5	19.8	22.4	20.0 24.5 26.2	20.8 20.5 17.9	22.4	
16						26.7		21.1			19.5	23.0	
17 18				25.8	22.9	24.1 24.3	22.0	20.5	21.3 21.2	24.9 26.2	21.5 21.8	23.0 23.4	
19 20				24.5 26.6	20.4	22.7 23.5	24.9 25.7	19.8 20.4	22.2	27.5 26.1	23.7	25.3 23.8	
21					22.9	25.0	29.0	25.3 24.9 23.7 24.9	26.9	23.3	20.5		
22 23 24	20.5 21.2	15.7 15.4	18.3 18.5	24.9 21.5 21.1	20.8 19.2 20.5	25.0 22.1 20.5 20.7	28.0	24.9	26.3	24.9 26.2 28.0	20.8 22.9 24.9	22.4 24.6 25.8	
24 25		17.9	19.3	23.7	20.3	21.7	29.0	26.1	27.9	26.1	20.8		
26 27		17.6 17.3	19.2 17.8		23.7	24.2 25.9		28.0 26.2		27.1 26.1	20.1 21.1	23.7 23.1	
28 29	18.9	17.1 16.8	18.0 18.4	30.0 25.3	24.9	26.6 23.0	29.4		28.3	23.7	21.5 22.9	22.3 24.0	
30 31		16.5 13.6	18.3 16.8	25.7	18.9	21.8	29.0 27.5	26.2 22.9	27.5 25.5	24.9 24.9		22.7 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	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN				
		SEPTEMBE	R		OCTOBER		N	OVEMBER					
1 2			22.5 21.6				8.3 13.2	8.3	7.5 11.2				
3 4	21.9	17.4	20.3 19.7				12.7	11.6					
5			21.2				11.8	10.1					
6 7 8		16.8 17.9 19.2	20.2 20.9 22.2										
9 10			23.5	13.7	10.5	12.0							
11				16.6	10.3	13.2							
12 13				18.0 16.2	12.7 13.2	15.1 15.0							
14 15				15.7 15.7	12.9 14.6	14.6 15.3							
16	20.2	15.7	17.7	16.0	14.4	15.1							
17 18	21.2 21.2	17.3 17.9	19.1 19.5	15.4 12.5	12.5 10.1	14.5 11.3							
19 20	20.8 20.5	18.8 18.5	19.7 19.1	12.9 13.2	11.1 10.7	11.8 11.8							
21 22	19.5 21.5	18.8 19.2	19.1 20.2	14.7 15.2	12.2 12.2	13.5 13.8							
23 24	24.9 24.5	20.8	20.2 22.6 23.3	13.4 15.7	10.5	12.2 13.9							
25	22.6	19.8	21.1	15.4	13.7	14.8							
26 27	22.6 21.8	20.5 19.1	21.3 20.7	15.4 12.7	11.6 9.5	13.8 11.0							
28 29	20.1 19.2	16.8 13.6	18.4 16.7	10.9 9.3	7.2 5.8	8.9 7.8							
30 31	17.7	10.9	14.3	9.9 7.8	6.8 4.2	8.2 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.]

	5ut 0.2 III uo		dicum oot	.com.j								
						SHALLO						
	Specific	conduc	ctance,	water,	micro	siemens	per	centime	ter at	25	degrees	Celsius
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MZ	X MIN	MEAN			
		MAY			JUNE			JULY				
1				144	128	133	16	51 123	132			
2				196	128	137	14	17 130	137			
3				132	99	111	14		144			
4				100	89	95	14		139			
5				93	87	91	14	12 128	135			
6				96	87	92	14	17 119	131			
7				709	88	187	13	34 124	130			
8				114	97	107	13		128			
9				138	105	117	13		125			
10				137	113	121	12	29 116	123			
11				157	122	137	12		119			
12				149	131	140	12		116			
13				169	128	143	12		122			
14				159	122	140	13		128			
15				145	130	139	13	36 124	129			
16				151	135	142	13		126			
17				162	133	144	13		126			
18				161	118	136	13		124			
19				121	101	112	17		130			
20				119	100	105	21	1 132	156			
21				112	102	107	41		274			
22		109	120	130	109	123	209		865			
23		106	113	179	116	137	675		3000			
24	130	113	119	179	118	135	1640		7730			
25	140	118	128	167	108	125	1450	3660	7190			
26	145	122	134	162	110	125	1110	0 4660	6870			
27		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									
MON	ГН 207	106	130	709	87	126	1640	00 112	1100			

	Specific	conduc	ctance,	water,	micros	iemens	- per	cent	imeter	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				188 129	123 97	131 110		142 140	123 116	131 128	
4				97	86	92		139	113	124	
5				90	84	88		138	116	127	
6 7				93 105	84 86	89 94		133 127	111 111	119 121	
8 9				106 112	94 96	99 103		125 115	102 102	112 111	
10				129	99	111		123	112	117	
11				132	111	121		118	105	114	
12 13				144 149	120 119	130 129		113 116	103 107	107 111	
14 15				136 137	116 109	125 122		125 123	112 119	119 120	
16				138	113	128		121	115	117	
17 18				133 153	122 117	126 131		120 122	111 111	114 114	
19 20				100 117 104	97 93	107 98		140 190	115 131	123 153	
21 22	145	95	110	123 122	96 101	104 111		377 3410	164 181	234 1810	
23 24		100 101	109 117	162 174	102 100	125 135		5300 0600	1550 12600	11700 18900	
25		108	122	171	110	133		200	18800	21000	
26 27	134 146	109 112	124 137	156 126	110 104	121 114	23	8600	21800	22700	
28	151	116	136	120	104	110					
29 30	134	113 114	131 124	134 137	115 120	125 126					
31	132	115	126								
MON	TH 197	95	124	188	84	116	23	8600	102	3030	

DEEP

# Water temperature and specific conductance monitored at two depths, stations 101-105 73

 Table A24.
 Specific conductance and water temperature data collected May-November 2001 at station 105 (USGS identifier 442516068175501)

 Vortex
 Vortex

 A25
 Continued.

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

#### **DEEP** Temperature, water, degrees Celsius

				Tempera	icure,	water,	degrees	Cersit	15
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		MAY			JUNE			JULY	
1 2 3 4 5	  	  	  	20.2 18.9 13.9 15.2 18.6	14.9 13.7 12.7 13.0 13.9	17.4 16.2 13.4 14.0 16.0	24.9 24.1 21.9 23.3 23.7	22.2 20.5 18.6 18.9 20.8	23.8 22.4 20.2 20.8 21.9
6 7 8 9 10	  	  	  	18.9 20.5 21.2 20.8 21.9	15.4 16.5 16.5 16.0 16.8	17.3 18.3 18.9 18.6 19.3	24.1 24.1 23.0 21.2 21.2	21.2 19.2 20.1 19.2 18.6	22.7 21.8 21.3 19.9 19.9
11 12 13 14 15	  	  	  	22.2 20.5 21.5 23.4 27.5	17.1 16.8 16.3 18.3 21.2	19.8 18.0 18.3 20.8 23.8	22.6 23.0 24.1 24.1 23.3	18.6 19.2 19.2 20.1 20.2	20.1 20.8 21.5 22.2 22.1
16 17 18 19 20	  	  	  	29.0 24.1 24.5 24.1 26.2	23.3 21.5 21.2 19.5 20.5	25.6 23.0 22.9 22.0 23.3	23.7 21.5 23.0 23.4 24.5	20.1 19.8 18.9 19.2 20.8	21.8 20.5 20.4 21.2 22.7
21 22 23 24 25	20.5 19.8 20.8 20.5	14.2 15.4 14.4 15.4	17.1 17.7 17.8 17.8	25.3 23.7 20.5 20.8 23.7	22.2 20.1 18.9 19.5 19.8	23.6 21.5 19.6 20.0 21.3	24.5 25.8 27.1 28.5 29.5	21.2 23.0 24.1 25.8 26.6	23.2 24.2 25.7 26.9 28.0
26 27 28 29 30 31	21.9 18.6 17.7 19.8 19.2 19.2	15.2 15.2 14.9 14.9 16.3 14.2	18.5 16.9 16.3 17.3 17.8 16.7	24.9 27.5 26.6 24.1 24.9	21.2 22.6 23.3 20.8 19.2	23.1 24.7 24.8 21.7 21.6	29.0  	28.0	28.5   
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 N	LIGHI,	IN CCCI	L				
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							3.63 3.76	2.54 2.61	2.79 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 7				3.24 3.30	2.58 2.56	2.78 2.85	3.29 2.93	2.64 2.51	2.78 2.64			
8				2.96	2.69	2.78	2.57	2.33	2.42	2.12	2.05	2.08
10				2.77 2.55	2.55 2.42	2.64 2.47	2.33	2.17	2.24	2.11 2.04	2.02 1.99	2.04 2.02
11				2.49	2.40	2.42				2.03	1.97	1.99
12 13				2.46 2.42	2.37 2.33	2.41 2.37				2.08 2.20	1.95 1.96	1.98 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 17				2.43 2.44	2.25	2.30 2.32				2.30 2.39	2.05 2.05	2.10 2.13
18	2.97	2.68	2.74	2.35	2.27	2.30				2.24	2.02	2.07
19 20	2.99 2.94	2.84 2.75	2.88 2.83	2.34 2.27	2.22 2.18	2.27 2.21				2.16 2.11	2.01 2.02	2.05 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 24	2.62 2.90	2.55 2.62	2.59 2.68	2.24 2.16	2.16 2.10	2.19 2.13				2.07 2.25	1.94 1.97	1.98 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 28	3.14 3.02	3.02 2.87	3.07 2.94	2.24 2.56	2.03 2.06	2.07 2.15				3.27 3.39	2.16 2.26	2.35 2.48
29 30	2.87 2.72	2.72 2.60	2.80 2.67	3.10 3.45	2.17 2.36	2.34 2.58				3.39 3.40	2.34 2.39	2.56 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
DAY				MAX		MEAN			MEAN			
		SEPTEMBE	IR		OCTOBER		N	OVEMBER			DECEMBER	ξ.
1 2	3.07 2.72	SEPTEMBE 2.35 2.27	2.53 2.39	2.48 2.34		2.27 2.17	N 3.06 3.06		3.03 3.03		DECEMBEF 3.12 2.96	3.22 3.03
1 2 3	3.07 2.72 2.50	SEPTEMBE 2.35 2.27 2.20	2.53 2.39 2.29	2.48 2.34 2.35	OCTOBER 2.19 2.11 2.04	2.27 2.17 2.12	N 3.06 3.06 2.98	OVEMBER 2.96 2.98 2.84	3.03 3.03 2.91	3.31 3.13 2.96	DECEMBER 3.12 2.96 2.80	3.22 3.03 2.87
1 2	3.07 2.72	SEPTEMBE 2.35 2.27	2.53 2.39	2.48 2.34	OCTOBER 2.19 2.11	2.27 2.17	N 3.06 3.06	OVEMBER 2.96 2.98	3.03 3.03	3.31 3.13	DECEMBEF 3.12 2.96	3.22 3.03
1 2 3 4 5	3.07 2.72 2.50 2.34 2.17 2.06	SEPTEMBE 2.35 2.27 2.20 2.17 2.06 2.00	2.53 2.39 2.29 2.22 2.10 2.03	2.48 2.34 2.35 2.10 2.01 2.22	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97	2.27 2.17 2.12 2.05 1.98 2.10	N 3.06 3.06 2.98 2.84 2.69 2.62	OVEMBER 2.96 2.98 2.84 2.69 2.62 2.59	3.03 3.03 2.91 2.77 2.65 2.61	3.31 3.13 2.96 2.80 2.67 2.59	DECEMBER 3.12 2.96 2.80 2.67 2.58 2.52	3.22 3.03 2.87 2.73 2.61 2.55
1 2 3 4 5	3.07 2.72 2.50 2.34 2.17	SEPTEMBE 2.35 2.27 2.20 2.17 2.06	2.53 2.39 2.29 2.22 2.10	2.48 2.34 2.35 2.10 2.01	OCTOBER 2.19 2.11 2.04 2.01 1.96	2.27 2.17 2.12 2.05 1.98	N 3.06 3.06 2.98 2.84 2.69	OVEMBER 2.96 2.98 2.84 2.69 2.62	3.03 3.03 2.91 2.77 2.65	3.31 3.13 2.96 2.80 2.67	DECEMBER 3.12 2.96 2.80 2.67 2.58	3.22 3.03 2.87 2.73 2.61
1 2 3 4 5 6 7 8 9	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93	SEPTEMBE 2.35 2.27 2.20 2.17 2.06 2.00 1.96 1.93 1.90	ER 2.53 2.39 2.29 2.22 2.10 2.03 1.98 1.95 1.91	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14	N 3.06 3.06 2.98 2.84 2.69 2.62 2.59 2.54 2.70	OVEMBER 2.96 2.98 2.84 2.69 2.62 2.59 2.59 2.54 2.48 2.45	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56	DECEMBER 3.12 2.96 2.80 2.67 2.58 2.52 2.45 2.37 2.33	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.41 2.38
1 2 3 4 5 6 7 8 9 10	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90	SEPTEMBE 2.35 2.27 2.20 2.17 2.06 2.00 1.96 1.93 1.90 1.88	R 2.53 2.39 2.29 2.22 2.10 2.03 1.98 1.95 1.91 1.89	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29	N 3.06 3.06 2.98 2.84 2.69 2.62 2.59 2.54 2.70 3.02	OVEMBER 2.96 2.98 2.84 2.69 2.62 2.59 2.54 2.48 2.45 2.66	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56 2.49	DECEMBER 3.12 2.96 2.80 2.67 2.58 2.52 2.45 2.37 2.33 2.27	3.22 3.03 2.87 2.61 2.55 2.48 2.41 2.38 2.32
1 2 3 4 5 6 7 8 9 10 11	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89	SEPTEMBE 2.35 2.27 2.20 2.17 2.06 2.00 1.96 1.93 1.90 1.88 1.86	2.53 2.39 2.29 2.22 2.10 2.03 1.98 1.95 1.91 1.89 1.87	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26	N 3.06 3.06 2.98 2.84 2.69 2.62 2.59 2.54 2.70 3.02 3.24	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.48 2.45 2.66 2.69	3.03 3.03 2.91 2.65 2.61 2.56 2.51 2.53 2.76 2.82	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56 2.49 3.54	DECEMBER 3.12 2.96 2.80 2.67 2.58 2.52 2.45 2.37 2.33 2.27 2.24	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.41 2.38 2.32 2.61
1 2 3 4 5 6 7 8 9 10 11 12 13	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89 2.03 2.13	SEPTEMBE 2.35 2.27 2.20 2.00 1.96 1.93 1.90 1.88 1.86 1.84 1.92	R 2.53 2.39 2.29 2.22 2.10 2.03 1.98 1.95 1.91 1.89 1.87 1.87 1.95	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19	N 3.06 3.06 2.98 2.84 2.69 2.59 2.54 2.70 3.02 3.24 3.28 3.25	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.48 2.45 2.66 2.69 2.69 2.69 2.69 2.69	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.78	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56 2.49 3.54 4.41 3.21	DECEMBER 3.12 2.96 2.60 2.58 2.52 2.45 2.37 2.33 2.27 2.24 2.51 2.73	3.22 3.03 2.87 2.61 2.55 2.48 2.41 2.38 2.32 2.61 2.99 2.86
1 2 3 4 5 6 7 8 9 10 11 12	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89 2.03	SEPTEMBE 2.35 2.27 2.20 2.17 2.06 2.00 1.96 1.93 1.90 1.88 1.86 1.84	2.53 2.39 2.29 2.22 2.10 2.03 1.98 1.95 1.91 1.89 1.87 1.87	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20	N 3.06 3.06 2.98 2.84 2.69 2.62 2.59 2.54 2.54 2.70 3.02 3.24 3.28	OVEMBER 2.96 2.98 2.84 2.69 2.62 2.59 2.54 2.48 2.48 2.66 2.69 2.66	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56 2.49 3.54 4.41 3.21	DECEMBEF 3.12 2.96 2.67 2.58 2.52 2.45 2.37 2.33 2.27 2.24 2.51	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.41 2.38 2.32 2.61 2.99
1 2 3 4 5 6 7 8 9 10 11 12 13 14	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89 2.03 2.13 2.20	SEPTEMBE 2.35 2.27 2.00 2.17 2.06 2.00 1.96 1.93 1.90 1.88 1.86 1.84 1.92 1.99	2.53 2.39 2.29 2.22 2.10 2.03 1.98 1.95 1.91 1.89 1.87 1.87 1.87 1.87 2.02 2.19 2.35	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24 2.24 2.44 2.42 2.42	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15 2.16 2.19 2.17	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.28 2.24	N 3.06 3.06 2.98 2.84 2.69 2.62 2.59 2.54 2.70 3.02 3.24 3.28 3.25 3.39 3.36 2.98	OVEMBER 2.96 2.98 2.84 2.69 2.62 2.59 2.54 2.45 2.66 2.66 2.69 2.66 2.69 2.59	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.80 2.93 2.85	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56 2.49 3.54 4.41 3.21 3.70 2.95 2.80	DECEMBER 3.12 2.96 2.80 2.57 2.58 2.52 2.45 2.37 2.33 2.27 2.24 2.51 2.73 2.60	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.41 2.38 2.32 2.61 2.99 2.86 2.87 2.79 2.70
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89 2.03 2.13 2.20 2.48 2.67 2.42	SEPTEMBE 2.35 2.27 2.00 2.17 2.06 2.00 1.96 1.93 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15	CR 2.53 2.39 2.22 2.10 2.03 1.98 1.95 1.91 1.89 1.87 1.87 1.95 2.02 2.19 2.35 2.24	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24 2.24 2.44 2.44 2.42 2.42 2.39	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15 2.16 2.19 2.17 2.13	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.28 2.24 2.22	N 3.06 3.06 2.98 2.84 2.69 2.54 2.59 2.54 2.59 2.54 3.02 3.02 3.24 3.25 3.39 3.36 2.98 2.96	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.45 2.66 2.69 2.66 2.62 2.59 2.78 2.78 2.80 2.72	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.78 2.80 2.93 2.85 2.78	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56 2.49 3.54 4.41 3.21 3.70 2.95 2.80 3.53	DECEMBER 3.12 2.96 2.80 2.67 2.58 2.52 2.45 2.33 2.27 2.24 2.51 2.73 2.65 2.65 2.66	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.41 2.38 2.32 2.61 2.99 2.86 2.87 2.79 2.70 3.12
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89 2.03 2.13 2.20 2.48 2.67 2.42 2.24 2.19	SEPTEMBE 2.35 2.27 2.00 2.17 2.06 2.00 1.96 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15 2.07 2.03	2.53 2.39 2.22 2.10 2.03 1.98 1.95 1.91 1.89 1.87 1.87 1.87 1.87 2.02 2.19 2.35 2.24 2.10	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24 2.24 2.44 2.42 2.42 2.42 2.4	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15 2.16 2.19 2.17 2.13 2.14 2.22	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.28 2.24 2.22 2.22 2.239	N 3.06 3.06 2.98 2.84 2.69 2.62 2.59 2.54 2.70 3.02 3.24 3.28 3.25 3.39 3.36 2.98 2.96 2.73 2.60	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.45 2.66 2.69 2.66 2.69 2.66 2.69 2.62 2.59 2.78 2.80 2.72 2.80 2.50	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.80 2.93 2.85 2.78 2.78 2.65	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.45 2.49 3.54 4.41 3.21 3.70 2.95 2.80 3.53 3.87 3.87	DECEMBER 3.12 2.96 2.80 2.57 2.58 2.52 2.45 2.37 2.33 2.27 2.24 2.51 2.73 2.60 2.73 2.65 2.65 2.65 2.65 2.370	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.41 2.38 2.32 2.61 2.99 2.86 2.87 2.79 2.70 3.12 3.74 3.79
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89 2.03 2.13 2.20 2.48 2.67 2.24 2.24 2.27	SEPTEMBE 2.35 2.27 2.00 2.17 2.06 2.00 1.96 1.93 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15 2.07 2.03 2.01	R 2.53 2.39 2.22 2.10 2.03 1.98 1.95 1.91 1.89 1.87 1.87 1.95 2.02 2.19 2.35 2.24 2.12 2.06 2.06	$\begin{array}{c} 2.48\\ 2.34\\ 2.35\\ 2.10\\ 2.01\\ 2.22\\ 2.25\\ 2.20\\ 2.21\\ 2.32\\ 2.32\\ 2.30\\ 2.24\\ 2.24\\ 2.44\\ 2.42\\$	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15 2.16 2.19 2.17 2.13 2.14 2.22 2.34	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.28 2.24 2.22 2.22 2.22 2.39 2.39	N 3.06 3.06 2.98 2.84 2.69 2.54 2.59 2.54 2.70 3.02 3.22 3.25 3.39 3.36 2.98 2.98 2.98 2.96 2.73 2.60 2.60	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.48 2.45 2.66 2.62 2.59 2.78 2.80 2.72 2.60 2.50 2.47	3.03 3.03 2.97 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.78 2.80 2.93 2.93 2.93 2.54 2.51	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56 2.56 2.49 3.54 4.41 3.21 3.70 2.95 2.80 3.53 3.87 3.87 3.97	DECEMBER 3.12 2.96 2.67 2.58 2.52 2.45 2.37 2.33 2.27 2.24 2.51 2.73 2.60 2.73 2.60 2.73 2.65 2.65 2.65 2.65 3.70 3.66	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.41 2.38 2.61 2.99 2.86 2.87 2.79 2.70 3.72 3.74 3.79 3.71
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89 2.03 2.13 2.20 2.48 2.67 2.42 2.24 2.27 2.41	SEPTEMBE 2.35 2.27 2.00 2.17 2.06 2.00 1.96 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99	2.53 2.39 2.22 2.10 2.03 1.98 1.95 1.91 1.89 1.87 1.87 1.87 1.87 2.02 2.19 2.35 2.24 2.10 2.35 2.24 2.10 2.06 2.00 2.09	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24 2.24 2.24 2.24 2.42 2.39 2.46 2.63 2.47 2.43	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.23 2.18 2.15 2.16 2.19 2.17 2.13 2.14 2.22 2.34 2.26	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.22 2.24 2.22 2.22 2.22 2.39 2.39 2.31	N 3.06 3.06 2.98 2.84 2.69 2.62 2.59 2.54 2.70 3.02 3.24 3.28 3.25 3.39 3.36 2.98 2.96 2.98 2.96 2.60 2.60 2.60	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.45 2.66 2.69 2.66 2.69 2.66 2.69 2.78 2.80 2.78 2.80 2.72 2.50 2.78 2.80 2.50 2.76 2.55 2.78 2.80 2.55 2.75 2.57 2.5	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.80 2.93 2.85 2.78 2.85 2.78 2.64 2.51 2.51 2.51 2.64 2.51	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.45 2.49 3.54 4.41 3.21 3.70 2.95 2.80 3.53 3.87 3.87 3.97 3.83	DECEMBER 3.12 2.96 2.80 2.57 2.58 2.52 2.45 2.37 2.33 2.27 2.24 2.51 2.73 2.60 2.73 2.65 2.65 2.65 2.65 3.52 3.70 3.66 3.51	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.41 2.38 2.32 2.61 2.99 2.86 2.87 2.79 2.70 3.12 3.74 3.71 3.73
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89 2.03 2.13 2.00 2.48 2.67 2.42 2.24 2.24 2.24 2.27 2.41 2.27	SEPTEMBE 2.35 2.27 2.20 2.17 2.06 2.00 1.96 1.93 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.00 1.99 2.00	R         2.53         2.39         2.22         2.10         2.03         1.98         1.95         1.91         1.87         1.87         2.02         2.10         2.35         2.412         2.06         2.09         2.06         2.09         2.06         2.07	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24 2.24 2.42 2.42 2.42 2.42 2.4	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15 2.16 2.19 2.17 2.13 2.14 2.22 2.34 2.26 2.22 2.17	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.22 2.22 2.22 2.22 2.39 2.39 2.31 2.25 2.20	N 3.06 3.06 2.98 2.84 2.69 2.54 2.59 2.54 2.59 2.54 3.02 3.22 3.24 3.28 3.25 3.39 3.36 2.98 2.98 2.98 2.96 2.73 2.60 2.60 2.66 2.78 2.76	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.45 2.66 2.69 2.66 2.69 2.66 2.69 2.78 2.80 2.72 2.60 2.50 2.50 2.57 2.60 2.57 2.60 2.57 2.60 2.50 2.57 2.50 2.55 2.5	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.78 2.80 2.93 2.85 2.78 2.66 2.54 2.51 2.60 2.64 2.62	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.45 2.49 3.54 4.41 3.70 2.95 2.80 3.53 3.87 3.87 3.97 3.83 3.61 3.37	DECEMBER 3.12 2.96 2.80 2.67 2.58 2.52 2.45 2.37 2.27 2.24 2.51 2.73 2.65 2.66 3.52 3.70 3.66 3.61 3.37 3.15	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.41 2.38 2.32 2.61 2.99 2.86 2.87 2.79 2.70 3.12 3.74 3.79 3.71 3.73 3.49 3.26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89 2.03 2.13 2.20 2.48 2.67 2.42 2.24 2.24 2.24 2.27 2.41 2.18	SEPTEMBE 2.35 2.27 2.00 2.17 2.06 2.00 1.96 1.93 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.00	CR 2.53 2.39 2.22 2.10 2.03 1.98 1.95 1.91 1.89 1.87 1.87 1.87 1.95 2.02 2.19 2.35 2.24 2.12 2.06 2.06 2.09 2.06	2.48 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24 2.24 2.24 2.24 2.24 2.24 2.2	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15 2.16 2.19 2.17 2.13 2.14 2.22 2.34 2.26 2.22 2.17	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.28 2.24 2.22 2.22 2.22 2.39 2.31 2.25	N 3.06 3.06 2.98 2.84 2.69 2.54 2.59 2.54 2.70 3.02 3.24 3.25 3.39 3.36 2.98 2.96 2.73 2.60 2.60 2.60 2.66 2.78	OVEMBER 2.96 2.98 2.84 2.69 2.59 2.54 2.45 2.66 2.69 2.66 2.69 2.69 2.78 2.80 2.72 2.60 2.50 2.47 2.60	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.80 2.93 2.85 2.78 2.66 2.54 2.51 2.60 2.64	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56 2.49 3.54 4.41 3.21 3.70 2.95 2.80 3.53 3.87 3.87 3.97 3.83 3.61	DECEMBER 3.12 2.96 2.80 2.52 2.45 2.33 2.27 2.24 2.51 2.73 2.65 2.66 3.52 3.70 3.66 3.61 3.37	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.32 2.61 2.99 2.86 2.32 2.61 2.99 2.86 2.79 2.70 3.12 3.74 3.79 3.71 3.73 3.49
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.96 1.93 1.90 1.89 2.03 2.13 2.20 2.48 2.67 2.42 2.24 2.27 2.41 2.27 2.41 2.58	SEPTEMBE 2.35 2.27 2.00 2.17 2.06 2.00 1.96 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.07 2.03 2.01 1.99 2.07 2.03 2.01 1.99 2.07 2.03 2.01 1.99 2.07 2.02 2.17 2.06 1.90 2.07 2.07 2.07 2.07 2.07 2.07 2.07 2.07 2.07 2.07 2.07 2.07 2.07 2.07 2.00 2.07 2.07 2.00 2.07 2.07 2.00 2.07 2.00 2.07 2.00 2.11	2.53         2.29         2.10         2.03         1.98         1.95         1.91         1.87         1.87         2.02         2.10         2.02         2.10         2.03         1.95         2.02         2.19         2.35         2.24         2.06         2.09         2.06         2.09         2.06         2.07         2.18	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24 2.24 2.44 2.42 2.42 2.42 2.4	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.23 2.18 2.15 2.16 2.19 2.17 2.13 2.14 2.22 2.34 2.26 2.22 2.17 2.16	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.22 2.22 2.22 2.22 2.239 2.39 2.31 2.25 2.20 2.19	N 3.06 3.06 2.98 2.84 2.69 2.62 2.59 2.54 2.70 3.02 3.24 3.28 3.29 3.36 2.98 2.96 2.60 2.60 2.60 2.60 2.60 2.60 2.60 2.6	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.45 2.66 2.69 2.66 2.69 2.62 2.59 2.78 2.80 2.72 2.60 2.50 2.47 2.57 2.60 2.57 2.60 2.57 2.50 2.57 2.50 2.57 2.50 2.50 2.55 2.5	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.80 2.93 2.85 2.78 2.80 2.93 2.85 2.78 2.66 2.54 2.51 2.60 2.64 2.55	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.45 2.49 3.54 4.41 3.21 3.70 2.95 2.80 3.53 3.87 3.87 3.97 3.83 3.61 3.37 3.15 2.96 2.82	DECEMBER 3.12 2.96 2.80 2.57 2.58 2.52 2.45 2.37 2.33 2.27 2.24 2.51 2.73 2.60 2.73 2.65 2.65 3.60 3.61 3.77 3.15 2.96	3.22 3.03 2.73 2.73 2.61 2.55 2.48 2.41 2.38 2.32 2.61 2.99 2.61 2.99 2.61 2.99 2.61 2.99 2.86 2.87 2.79 2.70 3.12 3.74 3.79 3.71 3.73 3.49 3.26 3.05
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.93 1.90 1.89 2.03 2.13 2.20 2.48 2.67 2.42 2.24 2.24 2.24 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.42 2.27 2.42 2.27 2.42 2.42 2.44 2.44	SEPTEMBE 2.35 2.27 2.00 1.96 1.90 1.93 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.00 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.00 2.11 2.46	2.53         2.29         2.10         2.03         1.98         1.95         1.91         1.87         1.87         2.22         2.10         2.03         1.95         1.91         2.02         2.19         2.35         2.24         2.06         2.06         2.07         2.18         2.31         2.52         2.66	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24 2.24 2.24 2.24 2.24 2.24 2.2	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15 2.16 2.19 2.17 2.13 2.14 2.22 2.34 2.26 2.21 2.22 2.31	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.22 2.22 2.29 2.24 2.22 2.22 2.39 2.31 2.25 2.20 2.19 2.25 2.20 2.31 2.25 2.20 2.31 2.25 2.20 2.38 2.45	N 3.06 3.06 2.98 2.84 2.69 2.54 2.70 3.02 3.24 3.28 3.25 3.39 3.36 2.98 2.96 2.73 2.60 2.60 2.60 2.60 2.60 2.60 2.66 2.78 2.76 2.74 2.76 2.74 2.56 2.94 3.65	OVEMBER 2.96 2.98 2.84 2.69 2.59 2.54 2.45 2.66 2.69 2.66 2.69 2.66 2.69 2.78 2.80 2.72 2.60 2.72 2.60 2.57 2.60 2.47 2.57 2.60 2.47 2.57 2.60 2.43 2.94	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.80 2.93 2.85 2.78 2.60 2.64 2.51 2.60 2.64 2.51 2.60 2.64 2.55 2.64 2.55	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.45 2.45 2.49 3.54 4.41 3.21 3.70 2.95 2.80 3.53 3.87 3.97 3.87 3.97 3.81 3.37 2.96 2.82 2.82 2.67	DECEMBER 3.12 2.96 2.80 2.52 2.45 2.37 2.33 2.27 2.24 2.51 2.73 2.60 2.73 2.65 2.66 3.52 3.70 3.66 3.61 3.37 3.15 2.96 2.81 2.58	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.32 2.61 2.99 2.86 2.32 2.61 2.99 2.86 2.79 2.70 3.12 3.74 3.79 3.71 3.73 3.49 3.26 3.05 2.89 2.74 2.62
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.93 1.90 1.89 2.03 2.13 2.20 2.48 2.67 2.42 2.24 2.24 2.24 2.27 2.41 2.27 2.41 2.58 2.96 3.24 3.24 3.25 3.24 2.90	SEPTEMBE 2.35 2.27 2.00 2.17 2.06 2.00 1.96 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.07 2.03 2.01 1.99 2.00 2.00 2.12 2.13 2.45 2.07 2.03 2.01 1.99 2.07 2.03 2.01 1.99 2.07 2.33 2.46 2.33 2.48 2.38	R         2.53         2.39         2.22         2.10         2.03         1.98         1.95         1.91         1.87         1.87         2.02         2.10         2.35         2.24         2.06         2.09         2.06         2.09         2.06         2.07         2.18         2.52         2.666         2.55	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24 2.24 2.44 2.42 2.42 2.42 2.4	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.23 2.18 2.15 2.16 2.19 2.17 2.13 2.14 2.22 2.34 2.26 2.22 2.17 2.16 2.18 2.26 2.23 2.34 2.26 2.23 2.34 2.26 2.33 2.37	2.27 2.17 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.22 2.22 2.22 2.239 2.39 2.31 2.25 2.20 2.19 2.24 2.22 2.239 2.39 2.31 2.25 2.20 2.19 2.24 2.25 2.24 2.25 2.25 2.20 2.19 2.24 2.25 2.25 2.20 2.24 2.25 2.25 2.20 2.24 2.25 2.25 2.25 2.20 2.24 2.25 2.25 2.25 2.20 2.24 2.25 2.25 2.25 2.20 2.24 2.25 2.25 2.25 2.25 2.25 2.25 2.25	N 3.06 3.06 2.98 2.84 2.69 2.62 2.59 2.54 2.70 3.02 3.24 3.28 3.25 3.39 3.36 2.98 2.96 2.73 2.60 2.60 2.60 2.60 2.60 2.60 2.60 2.60	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.45 2.66 2.69 2.66 2.69 2.62 2.59 2.78 2.80 2.72 2.60 2.50 2.47 2.50 2.47 2.50 2.47 2.50 2.47 2.50 2.47 2.50 2.47 2.50 2.47 2.50 2.47 2.50 2.47 2.50 2.50 2.47 2.50 2.50 2.47 2.50 2.50 2.52 3.5	3.03 3.03 2.91 2.77 2.65 2.61 2.53 2.76 2.82 2.81 2.80 2.93 2.85 2.78 2.80 2.93 2.85 2.78 2.66 2.54 2.51 2.60 2.64 2.55 2.54 2.56 2.54 2.56 2.54 2.55 2.55 2.76 2.66 3.71 2.66 3.71 2.66 2.51 2.66 2.51 2.65 2.51 2.77 2.65 2.61 2.53 2.76 2.82 2.80 2.93 2.85 2.78 2.66 2.54 2.51 2.55 2.78 2.65 2.51 2.77 2.65 2.51 2.76 2.93 2.93 2.85 2.78 2.54 2.54 2.55 2.78 2.66 2.54 2.55 2.78 2.80 2.55 2.78 2.66 2.54 2.55 2.78 2.56 2.55 2.78 2.66 2.55 2.78 2.56 2.55 2.78 2.80 2.55 2.78 2.55 2.78 2.55 2.78 2.55 2.78 2.55 2.78 2.55 2.78 2.55 2.78 2.55 2.78 2.55 2.78 2.55 2.78 2.55 2.78 2.55 2.78 2.55 2.55 2.55 2.55 2.78 2.55 2.55 2.55 2.55 2.55 2.55 2.55 2.5	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56 2.49 3.54 4.41 3.21 3.70 2.95 2.80 3.53 3.87 3.87 3.87 3.97 3.83 3.61 3.37 3.15 2.96 2.82 2.67	DECEMBER 3.12 2.96 2.67 2.58 2.52 2.45 2.37 2.33 2.27 2.24 2.51 2.73 2.60 2.73 2.65 2.65 3.60 3.61 3.37 3.15 2.96 3.61 3.37 3.15 2.96 2.81 2.67 2.58	3.22 3.03 2.73 2.61 2.55 2.48 2.41 2.38 2.32 2.61 2.99 2.61 2.99 2.61 2.99 2.86 2.87 2.79 2.70 3.12 3.74 3.79 3.71 3.73 3.49 3.26 3.05 2.89 2.74 2.62 2.59 2.50
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.93 1.90 1.89 2.03 2.13 2.20 2.48 2.67 2.42 2.24 2.24 2.24 2.27 2.41 2.58 2.96 3.24	SEPTEMBE 2.35 2.27 2.00 2.17 2.06 2.00 1.96 1.93 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.00 2.11 2.00 2.01 1.99 2.00 2.11 2.15 2.07 2.03 2.01 1.99 2.00 2.15 2.07 2.03 2.01 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.00 2.01 2.02 2.15 2.07 2.03 2.01 2.00 2.01 2.00 2.01 2.05 2.07 2.22 2.15 2.07 2.00 2.01 2.00 2.01 2.02 2.01 2.02 2.15 2.07 2.00 2.01 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.01 2.00 2.00 2.00 2.00 2.01 2.16 2.33 2.46 2.48	R         2.53         2.39         2.22         2.10         2.03         1.98         1.95         1.91         1.87         1.87         2.02         2.19         2.35         2.24         2.06         2.06         2.07         2.18         2.31         2.52         2.66         2.66	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.24 2.24 2.24 2.24 2.42 2.39 2.46 2.63 2.47 2.43 2.26 2.27 2.52 2.61 2.76 2.91	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15 2.16 2.19 2.17 2.13 2.14 2.22 2.34 2.22 2.34 2.26 2.22 2.17 2.16 2.19 2.17 2.13 2.14 2.22 2.34 2.26 2.31 2.33 2.37 2.33	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.20 2.19 2.26 2.20 2.19 2.24 2.28 2.24 2.22 2.22 2.29 2.39 2.39 2.31 2.25 2.20 2.19 2.26 2.20 2.39 2.31 2.25 2.20 2.19 2.25 2.20 2.39 2.31	N 3.06 3.06 2.98 2.84 2.69 2.54 2.59 2.54 3.02 3.02 3.24 3.25 3.39 3.26 2.98 2.96 2.73 2.60 2.66 2.78 2.76 2.74 2.94 3.65 3.74	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.45 2.66 2.69 2.66 2.62 2.59 2.66 2.62 2.59 2.78 2.80 2.72 2.60 2.57 2.60 2.57 2.60 2.57 2.58 2.50 2.43 2.59 2.54 3.65	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.76 2.82 2.81 2.78 2.80 2.93 2.85 2.78 2.66 2.54 2.51 2.60 2.64 2.55 2.60 2.64 2.55 2.60 2.64 2.55 3.36 3.371	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.45 2.49 3.54 4.41 3.21 3.70 2.95 2.80 3.53 3.87 3.87 3.87 3.87 3.87 3.87 3.97 3.83 3.61 3.37 3.15 2.96 2.82 2.67 2.81	DECEMBER 3.12 2.96 2.80 2.67 2.58 2.52 2.45 2.33 2.27 2.24 2.51 2.73 2.65 2.66 3.52 3.70 3.66 3.52 3.70 3.61 3.37 3.15 2.96 2.81 2.67 2.54	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.41 2.32 2.61 2.99 2.86 2.87 2.70 3.12 3.74 3.79 3.71 3.74 3.71 3.74 3.75 2.89 2.70 2.70 2.70 3.12 3.74 3.72 3.71 3.73 3.26 3.05 2.89 2.74 2.55 2.89
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	3.07 2.72 2.50 2.34 2.17 2.06 2.00 1.93 1.90 1.89 2.03 2.13 2.20 2.48 2.67 2.42 2.24 2.24 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.27 2.41 2.29 2.27 2.41 2.58 2.96 3.24 3.25 3.24 2.90 2.67	SEPTEMBE 2.35 2.27 2.00 1.96 1.90 1.90 1.88 1.86 1.84 1.90 1.88 1.86 1.84 1.92 1.99 2.07 2.22 2.15 2.07 2.03 2.01 1.99 2.00 2.00 2.11 2.16 2.33 2.46 2.48 2.38 2.27	2.53         2.29         2.10         2.03         1.98         1.95         1.91         1.87         1.82         2.19         2.35         2.12         2.10         2.35         2.12         2.06         2.07         2.31         2.52         2.66         2.65         2.40	2.48 2.34 2.35 2.10 2.01 2.22 2.25 2.20 2.21 2.32 2.30 2.24 2.44 2.42 2.42 2.42 2.42 2.42 2.4	OCTOBER 2.19 2.11 2.04 2.01 1.96 1.97 2.20 2.12 2.11 2.21 2.23 2.18 2.15 2.16 2.19 2.17 2.13 2.14 2.22 2.34 2.22 2.34 2.26 2.22 2.17 2.16 2.19 2.17 2.13 2.14 2.22 2.34 2.26 2.31 2.33 2.37 2.33	2.27 2.17 2.12 2.05 1.98 2.10 2.23 2.16 2.14 2.29 2.26 2.20 2.19 2.24 2.22 2.22 2.22 2.22 2.239 2.39 2.31 2.25 2.20 2.19 2.26 2.39 2.31 2.25 2.20 2.19 2.26 2.39 2.31 2.25 2.20 2.31 2.25 2.20 2.31 2.25 2.20 2.34 2.25 2.20 2.34 2.25 2.20 2.34 2.25 2.20 2.34 2.25 2.20 2.39 2.31 2.25 2.20 2.39 2.31 2.25 2.20 2.39 2.31 2.25 2.20 2.39 2.31 2.25 2.20 2.39 2.39 2.31 2.25 2.20 2.39 2.39 2.31 2.25 2.20 2.39 2.31 2.25 2.20 2.39 2.39 2.31 2.25 2.20 2.39 2.39 2.31 2.25 2.20 2.39 2.39 2.31 2.25 2.20 2.39 2.31 2.25 2.20 2.39 2.39 2.31 2.25 2.20 2.39 2.31 2.25 2.20 2.39 2.34 2.25 2.20 2.39 2.39 2.31 2.25 2.20 2.39 2.39 2.31 2.25 2.20 2.39 2.39 2.31 2.25 2.20 2.24 2.20 2.39 2.31 2.25 2.20 2.24 2.26 2.20 2.39 2.24 2.22 2.20 2.39 2.24 2.24 2.22 2.24 2.24 2.24 2.24 2.2	N 3.06 3.06 2.98 2.84 2.69 2.62 2.59 2.54 2.70 3.02 3.24 3.28 3.29 3.36 2.98 2.96 2.73 2.60 2.60 2.60 2.60 2.60 2.60 2.60 2.60	OVEMBER 2.96 2.98 2.69 2.62 2.59 2.54 2.45 2.66 2.69 2.66 2.69 2.66 2.59 2.78 2.80 2.72 2.60 2.50 2.47 2.50 2.47 2.50 2.47 2.50 2.47 2.50 2.43 2.50 2.43 2.39 2.94 3.52 3.31 	3.03 3.03 2.91 2.77 2.65 2.61 2.56 2.51 2.53 2.76 2.82 2.81 2.80 2.93 2.85 2.78 2.60 2.64 2.51 2.64 2.51 2.60 2.64 2.55 2.64 2.55 2.64 2.55 2.64 2.55 2.64 2.55 2.64 2.55 2.64 2.55 2.64 2.55 2.64 2.55 2.64 2.55 2.64 2.55 2.65 2.55 2.65 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.77 2.65 2.82 2.80 2.93 2.78 2.66 2.51 2.78 2.66 2.51 2.78 2.66 2.51 2.78 2.66 2.51 2.78 2.65 2.51 2.78 2.65 2.51 2.78 2.65 2.51 2.78 2.65 2.51 2.55 2.78 2.55 2.78 2.65 2.51 2.55 2.78 2.65 2.51 2.78 2.65 2.51 2.78 2.78 2.65 2.51 2.78 2.65 2.51 2.78 2.65 2.51 2.78 2.65 2.51 2.78 2.65 2.51 2.55 2.78 2.65 2.51 2.55 2.55 2.78 2.66 2.55 2.55 2.55 2.55 2.55 2.55 2.55	3.31 3.13 2.96 2.80 2.67 2.59 2.52 2.45 2.56 2.49 3.54 4.41 3.21 3.70 2.95 2.80 3.53 3.87 3.87 3.87 3.87 3.97 3.83 3.61 3.37 3.15 2.96 2.82 2.67 2.81 2.55 2.52 2.62	DECEMBER 3.12 2.96 2.80 2.67 2.58 2.52 2.45 2.37 2.33 2.27 2.24 2.51 2.73 2.60 2.73 2.65 2.65 3.60 3.61 3.37 3.15 2.96 3.61 3.37 3.15 2.96 2.81 2.67 2.58 2.54 2.47 2.44 2.47 2.44 2.47	3.22 3.03 2.87 2.73 2.61 2.55 2.48 2.32 2.61 2.99 2.86 2.32 2.61 2.99 2.86 2.79 2.70 3.12 3.74 3.74 3.79 3.71 3.73 3.49 3.26 3.05 2.89 2.74 2.59 2.50 2.46

**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.]

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JANUARY		E	EBRUARY			MARCH			APRIL	
1 2 3 4 5	2.64 2.64 2.59 2.51 2.45		2.61 2.62 2.55 2.47 2.42	2.26 2.23 2.44 2.35 2.66	2.21 2.22 2.22 2.20 2.20	2.22 2.22 2.25 2.23 2.34	2.44	2.26 2.21	2.40 2.34  2.25 2.29	3.05 3.05 2.96 2.89 2.95	2.96 2.87 2.83	3.03 3.00 2.91 2.85 2.87
6 7 8 9 10	2.89 3.08 3.45 4.03 3.94	2.42 2.38	2.51 2.52 2.62 2.82 2.89	2.96 3.43 3.68 4.25 4.10	2.25 2.23 2.25 2.32 2.59	2.37 2.44 2.53 2.74 2.93	3.61 3.20 3.58 3.88 4.04	2.21 2.33 2.27 2.22 2.35	2.56 2.57 2.56 2.66 2.71	3.15 3.28 3.40 3.45 3.56	3.00 3.06 3.10	2.98 3.07 3.11 3.17 3.27
11 12 13 14 15	4.20 3.71 3.47 2.95 2.62	2.62 2.60 2.56 2.50 2.37	2.93 2.80 2.74 2.62 2.46	2.78 2.90 2.99 2.71 2.87	2 66	2.70 2.69 2.67 2.59 2.69	3.32 3.04 3.12 3.24 2.45	2.32 2.19 2.17 2.27 2.28	2.53 2.38 2.39 2.43 2.30			3.33   
16 17 18 19 20	2.74 2.38 		2.39 2.27 	2.73 2.82 2.72 2.68 2.61	2.71 2.72 2.68 2.61 2.58	2.72 2.74 2.70 2.65 2.59	2.35 2.35 2.34 2.47 2.64	2.32	2.33 2.33 2.33 2.38 2.53	  	  	  
21 22 23 24 25	  	  	  	2.79 2.59 2.90 2.50 2.64	2.57 2.52 2.49 2.43 2.39	2.60 2.56 2.55 2.46 2.42	2.75 3.15 3.33 3.46 3.44	2.75 3.01	2.68 2.84 3.18 3.39 3.41		  3.09	  3.16
26 27 28 29 30 31	2.44 2.75 2.29 2.13 2.15 2.28	2.09 2.08	2.20 2.25 2.17 2.11 2.10 2.20	2.74 2.47 2.47 	2.42 2.44 2.42 	2.48 2.45 2.44 	3.37 3.25 3.08 2.93 2.83 3.08	3.08 2.93 2.83 2.71	3.29 3.14 2.99 2.87 2.78 2.90	3.24 3.10 3.01 2.72 2.56		3.02 2.87 2.76 2.60 2.49
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
DAY	MAX	MIN MAY	MEAN	MAX	MIN JUNE	MEAN	MAX	MIN JULY	MEAN	MAX	MIN AUGUST	MEAN
DAY 1 2 3 4 5	MAX 2.69 2.69 2.54 2.67 2.86	MAY 2.42 2.50 2.38 2.36		2.55 2.89 3.16	JUNE 2.30 2.34 2.67 2.80	MEAN 2.39 2.44 2.76 2.88 2.84	2.78 2.52 2.48	JULY 2.12 2.14 2.12 2.12	MEAN 2.25 2.26 2.22 2.21 2.23	2.26 2.22 2.30 2.30	AUGUST 2.00 1.99	MEAN 2.06 2.05 2.04 2.06 2.05
1 2 3 4 5 6 7 8	2.69 2.69 2.54 2.67	MAY 2.42 2.50 2.38 2.36 2.41 2.40 2.34 2.31 2.27	2.55 2.59 2.46 2.43 2.53	2.55 2.89 3.16 3.15 3.08	JUNE 2.30 2.34 2.67 2.80 2.73 2.63 2.47 2.34 2.27	2.39 2.44 2.76 2.88	2.78 2.52 2.48 2.59 2.65 2.65 2.67 2.45 2.34 2.34	JULY 2.12 2.14 2.12 2.12 2.14 2.16 2.14 2.14 2.14	2.25 2.26 2.22 2.21	2.26 2.22 2.30 2.30 2.25 2.10 2.06 1.99 1.95	AUGUST 2.00 1.99 1.99 2.00 1.98 1.94 1.93	2.06 2.05 2.04 2.06 2.05 1.99 1.96 1.92 1.92
1 2 3 4 5 6 7 8 9 10 11 12	2.69 2.69 2.54 2.67 2.86 2.76 2.70 2.65 2.61 2.50 2.34	MAY 2.42 2.50 2.38 2.41 2.40 2.34 2.31 2.27 2.26 2.23 2.16	2.55 2.59 2.46 2.43 2.53 2.54 2.47 2.44 2.40 2.38 2.32 2.25	2.55 2.89 3.16 3.15 3.08 2.93 2.71 2.56 2.39 2.23 2.22	JUNE 2.30 2.34 2.67 2.80 2.73 2.63 2.47 2.34 2.27 2.22 2.16 2.16	2.39 2.44 2.76 2.88 2.84 2.75 2.62 2.47 2.37 2.28 2.19 2.20	2.78 2.52 2.48 2.59 2.65 2.67 2.45 2.34 2.32 2.21 2.16 2.10	JULY 2.12 2.14 2.12 2.12 2.14 2.16 2.14 2.14 2.14 2.12 2.10 2.06	2.25 2.26 2.22 2.21 2.23 2.27 2.21 2.19 2.20 2.15 2.12 2.08	2.26 2.22 2.30 2.25 2.10 2.06 1.99 1.95 1.91	AUGUST 2.00 1.99 2.00 1.98 1.94 1.93 1.88 1.89 1.86 1.84 1.80	2.06 2.05 2.04 2.06 2.05 1.99 1.96 1.92 1.89 1.80 1.82
1 2 3 4 5 6 7 8 9 10 11 12 13 14	2.69 2.69 2.54 2.67 2.86 2.76 2.69 2.70 2.65 2.61 2.50 2.34 2.50 2.34 2.11 2.13	MAY 2.42 2.50 2.38 2.36 2.41 2.40 2.34 2.27 2.26 2.23 2.16 2.13 2.08	2.55 2.59 2.46 2.43 2.53 2.54 2.47 2.44 2.40 2.38 2.32 2.25 2.16 2.10	2.55 2.89 3.16 3.15 3.08 2.93 2.71 2.56 2.39 2.23 2.22 2.23 2.22	JUNE 2.30 2.34 2.67 2.80 2.73 2.63 2.47 2.27 2.22 2.16 2.16 2.11 2.18	2.39 2.44 2.76 2.88 2.84 2.75 2.62 2.47 2.37 2.28 2.19 2.20 2.22 2.20	2.78 2.52 2.48 2.59 2.65 2.67 2.45 2.34 2.34 2.21 2.16 2.10 2.07 2.05	JULY 2.12 2.14 2.12 2.12 2.14 2.16 2.14 2.14 2.14 2.12 2.10 2.06 2.05 2.05	2.25 2.26 2.22 2.21 2.23 2.27 2.21 2.29 2.20 2.15 2.12 2.08 2.06 2.05	2.26 2.22 2.30 2.25 2.10 2.06 1.99 1.95 1.91 1.89 1.84 1.81 1.87	AUGUST 2.00 1.99 2.00 1.98 1.94 1.93 1.89 1.86 1.84 1.80 1.78 1.78	2.06 2.05 2.04 2.06 2.05 1.99 1.96 1.92 1.89 1.82 1.89 1.82 1.79 1.79
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 19	2.69 2.69 2.54 2.67 2.86 2.76 2.65 2.61 2.50 2.34 2.13 2.11 2.21 2.21 2.21 2.22 2.42	MAY 2.42 2.50 2.38 2.36 2.41 2.40 2.34 2.27 2.26 2.23 2.16 2.13 2.08 2.08 2.08 2.08 2.19 2.14 2.15	2.55 2.59 2.46 2.43 2.53 2.54 2.47 2.44 2.40 2.38 2.25 2.16 2.10 2.09 2.13 2.20 2.13 2.20 2.17 2.26	2.55 2.89 3.16 3.15 3.08 2.93 2.71 2.56 2.39 2.23 2.22 2.18 2.14 2.10 2.52 2.63	JUNE 2.30 2.34 2.67 2.80 2.73 2.63 2.47 2.27 2.22 2.16 2.16 2.16 2.11 2.18 2.13 2.08 2.08 2.08 2.36	2.39 2.44 2.76 2.88 2.84 2.75 2.62 2.37 2.28 2.19 2.20 2.15 2.11 2.08 2.35 2.44	2.78 2.52 2.48 2.59 2.65 2.67 2.45 2.34 2.32 2.21 2.16 2.10 2.07 2.05 2.05 2.05 2.08 2.25 2.56 2.97	JULY 2.12 2.14 2.12 2.14 2.16 2.14 2.14 2.14 2.14 2.12 2.10 2.06 2.05 2.05 2.05 2.05 2.05 2.05 2.10	2.25 2.26 2.21 2.23 2.27 2.21 2.20 2.15 2.12 2.08 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.21 2.24	2.26 2.22 2.30 2.25 2.10 2.06 1.99 1.95 1.91 1.89 1.84 1.87 2.10 2.56 3.12 3.47 3.62	AUGUST 2.00 1.99 2.00 1.98 1.94 1.93 1.89 1.89 1.86 1.84 1.80 1.78 1.78 1.78 1.78 1.78 1.78 1.78 1.283 2.04 2.38	2.06 2.05 2.04 2.06 2.05 1.99 1.96 1.92 1.89 1.82 1.79 1.82 1.79 1.82 1.95 2.25 2.56
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	2.69 2.69 2.54 2.67 2.86 2.70 2.65 2.61 2.50 2.34 2.13 2.11 2.21 2.21 2.21 2.21 2.42 2.48 2.48 2.49 2.68 2.78 2.80 2.78 2.80 2.78 4.275	MAY 2.42 2.50 2.38 2.36 2.41 2.40 2.34 2.27 2.26 2.23 2.16 2.13 2.08 2.08 2.08 2.08 2.08 2.08 2.08 2.08 2.19 2.14 2.15 2.42 2.35 2.35 2.35 2.35 2.31 2.30 2.31 2.30 2.31 2.35 2.55 2	2.55 2.59 2.46 2.43 2.53 2.54 2.47 2.40 2.38 2.25 2.16 2.10 2.09 2.13 2.20 2.13 2.20 2.13 2.20 2.13 2.20 2.14 2.44 2.44 2.43 2.41 2.44 2.50 2.50 2.50 2.45 2.50	2.55 2.89 3.16 3.15 3.08 2.93 2.71 2.56 2.39 2.22 2.18 2.14 2.10 2.52 2.63 2.70 2.94 2.94 3.16 3.28 3.14 2.87 2.64 2.48 2.41 2.44	JUNE 2.30 2.34 2.67 2.80 2.73 2.63 2.47 2.22 2.16 2.16 2.21 2.18 2.13 2.08 2.08 2.10 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.22 2.16 2.12 2.22 2.16 2.21 2.22 2.16 2.21 2.18 2.10 2.36 2.31 2.26 2.21 2.18 2.10 2.21 2.22 2.16 2.21 2.22 2.16 2.21 2.22 2.16 2.21 2.22 2.16 2.21 2.22 2.16 2.21 2.22 2.16 2.21 2.22 2.16 2.21 2.22 2.18 2.36 2.31 2.26 2.31 2.26 2.31 2.22 2.22 2.16 2.21 2.22 2.10 2.22 2.10 2.22 2.10 2.22 2.10 2.22 2.10 2.22 2.10 2.22 2.10 2.22 2.10 2.22 2.10 2.22 2.10 2.22 2.22 2.10 2.22 2.10 2.22 2.22 2.10 2.22 2.22 2.10 2.22 2.22 2.10 2.22 2.22 2.10 2.22 2.22 2.10 2.22 2.22 2.22 2.10 2.26 2.29 2.43 2.29 2.18 2.29 2.43 2.29 2.18 2.29 2.18 2.29 2.18 2.29 2.18 2.29 2.18 2.29 2.18 2.29 2.18 2.29 2.18 2.29 2.18 2.29 2.18 2.29 2.16 2.12	2.39 2.44 2.76 2.88 2.84 2.75 2.62 2.47 2.37 2.28 2.19 2.20 2.20 2.15 2.11 2.08 2.35 2.44 2.41 2.40 2.45 2.57 2.65 2.61 2.50 2.38 2.29 2.24 2.21	2.78 2.52 2.48 2.59 2.65 2.67 2.45 2.34 2.21 2.16 2.10 2.07 2.05 2.05 2.05 2.05 2.05 2.05 2.56 2.97 3.34 3.45 3.59 3.59 3.59 3.46 3.14 2.87 2.46 2.27 2.18 2.18	JULY 2.12 2.14 2.12 2.14 2.16 2.14 2.16 2.14 2.14 2.12 2.10 2.05 2.02	2.25 2.26 2.21 2.23 2.27 2.21 2.20 2.15 2.12 2.08 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.05	2.26 2.22 2.30 2.25 2.10 2.06 1.99 1.95 1.91 1.89 1.84 1.81 1.87 2.10 2.56 3.12 3.58 3.38 3.18 2.98 2.70 2.42 2.23 2.20 2.12 2.09 2.11	AUGUST 2.00 1.99 1.99 2.00 1.98 1.94 1.93 1.89 1.86 1.84 1.80 1.78 1.99 1.90	2.06 2.05 2.04 2.05 1.99 1.96 1.92 1.89 1.82 1.79 1.82 1.95 2.25 2.56 2.77 2.80 2.74 2.66 2.77 2.80 2.74 2.60 2.74 2.08 2.05
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	2.69 2.69 2.54 2.67 2.86 2.70 2.65 2.61 2.50 2.31 2.11 2.21 2.21 2.21 2.21 2.21 2.21	MAY 2.42 2.50 2.38 2.36 2.41 2.40 2.34 2.27 2.26 2.23 2.16 2.13 2.08 2.08 2.08 2.08 2.08 2.08 2.08 2.08 2.08 2.14 2.15 2.42 2.35 2.35 2.35 2.33 2.31 2.30 2.33 2.41	2.55 2.59 2.46 2.43 2.53 2.54 2.47 2.44 2.40 2.38 2.32 2.25 2.16 2.10 2.09 2.13 2.20 2.13 2.20 2.11 2.26 2.44 2.43 2.41 2.44 2.43 2.41 2.43 2.41 2.50 2.50 2.50 2.45 2.44 2.43 2.44 2.44 2.44 2.44 2.45 2.45 2.45 2.45	2.55 2.89 3.16 3.15 3.08 2.93 2.71 2.56 2.39 2.23 2.22 2.18 2.14 2.14 2.10 2.52 2.63 2.70 2.94 2.94 3.16 3.28 3.14 2.87 2.64 2.48 2.41	JUNE 2.30 2.34 2.67 2.80 2.73 2.63 2.47 2.22 2.16 2.16 2.12 2.18 2.13 2.08 2.10 2.36 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.26 2.31 2.22 2.16 2.12 2.18 2.36 2.31 2.26 2.31 2.22 2.16 2.31 2.21 2.36 2.39 2.43 2.42 2.35 2.42 2.35 2.42 2.35 2.31 2.35 2.31 2.35 2.35 2.31 2.35 2.35 2.31 2.35 2.35 2.31 2.35 2.35 2.31 2.35 2.36 2.35 2.35 2.31 2.35 2.35 2.36 2.35 2.36 2.35 2.36 2.35 2.36 2.35 2.36 2.35 2.36 2.35 2.36 2.35 2.36 2.36 2.35 2.36 2.36 2.35 2.36 2.36 2.35 2.36 2.36 2.31 2.36 2.35 2.36 2.36 2.36 2.36 2.35 2.36 2.36 2.36 2.35 2.36 2.36 2.36 2.36 2.35 2.36 2.36 2.36 2.36 2.35 2.16 2.16	2.39 2.44 2.76 2.88 2.84 2.75 2.62 2.37 2.28 2.19 2.20 2.15 2.11 2.08 2.22 2.20 2.15 2.11 2.08 2.35 2.44 2.41 2.40 2.45 2.57 2.65 2.61 2.50 2.38 2.29 2.24	2.78 2.52 2.48 2.59 2.65 2.67 2.45 2.34 2.32 2.21 2.16 2.10 2.07 2.05 2.05 2.05 2.05 2.05 2.08 2.25 2.05 2.08 2.25 2.56 2.97 3.34 3.45 3.59 3.46 3.14 2.87 2.46 2.27 2.18	JULY 2.12 2.14 2.12 2.14 2.16 2.14 2.14 2.14 2.14 2.14 2.14 2.12 2.10 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.10 2.12 2.14 2.14 2.14 2.14 2.14 2.14 2.14 2.14 2.14 2.15 2.05 2.10 2.21 2.34 2.47 2.39 2.21 2.06	2.25 2.26 2.21 2.23 2.27 2.21 2.20 2.15 2.12 2.08 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.05	2.26 2.22 2.30 2.25 2.10 2.06 1.99 1.95 1.91 1.89 1.84 1.87 2.10 2.56 3.12 3.58 3.38 3.18 2.98 2.70 2.42 2.23 2.20 2.12 2.09	AUGUST 2.00 1.99 2.00 1.98 1.94 1.93 1.88 1.89 1.86 1.84 1.80 1.78 1.78 1.78 1.78 1.78 1.78 1.78 2.04 2.38 2.52 2.57 2.54 2.43 2.28 2.17 2.08 2.02 1.99	2.06 2.05 2.04 2.06 2.05 1.99 1.92 1.92 1.89 1.89 1.80 1.79 1.79 1.82 1.95 2.25 2.50 2.66 2.77 2.80 2.74 2.60 2.41 2.24 2.13 2.08 2.05

 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.

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

	UDTOUT		
GAGE	HEIGHT,	ΤN	F.E.E.T.

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	:	SEPTEMBE	R	(	OCTOBER		NO	OVEMBER	
1 2 3 4 5	  	  	  	  	  	  	1.68 1.71 1.60 1.47 1.35	1.56 1.60 1.47 1.35 1.26	1.64 1.66 1.55 1.40 1.30
6 7 8 9 10	  	  	  	  	  	  	1.26 1.24 1.17 1.26 1.47	1.19 1.15 1.10 1.04 1.23	1.23 1.19 1.13 1.15 1.32
11 12 13 14 15	  	  	  	0.93 0.97 1.09 0.96	0.76 0.74 0.72 0.78	0.82 0.82 0.85 0.86	1.61 1.62 1.59 1.64 1.73	1.26 1.24 1.19 1.17 1.38	1.38 1.37 1.33 1.36 1.50
16 17 18 19 20	  	  	  	0.96 0.95 1.01 1.17 1.03	0.73 0.72 0.69 0.86 0.90	0.82 0.81 0.79 0.98 0.97	1.53 1.51 1.33 1.18 1.18	1.40 1.33 1.18 1.06 1.03	1.44 1.39 1.24 1.11 1.09
21 22 23 24 25	  	  	  	1.08 0.89 0.92 1.02 1.06	0.85 0.78 0.74 0.73 0.73	0.92 0.84 0.79 0.81 0.86	1.25 1.31 1.30 1.25 1.18	1.16 1.17 1.14 1.07 1.02	1.20 1.22 1.20 1.13 1.06
26 27 28 29 30 31	  	   	   	1.14 1.22 1.33 1.24 1.20 1.56	0.85 0.89 0.95 0.95 0.91 1.17	1.00 1.04 1.10 1.06 1.06 1.34	1.58 2.32  	1.00 1.58  	1.15 2.03  
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.]

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 4							2.50 2.55		2.37 2.39	2.44 2.41		2.34 2.33
5							2.63		2.43	2.38		2.31
6							2.55			2.34		2.28
7 8							2.45 2.46	2.31	2.39 2.39	2.30 2.26		2.25 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 12							2.41 2.38	2.28 2.24	2.34 2.29	2.19 2.09		
13							2.30			2.09		
14							2.35 2.28	2.20	2.23	2.08		2.04
15							2.28	2.19	2.22	2.24	2.03	2.09
16 17							2.29 2.36	2.19 2.20	2.21 2.24	2.59 3.03		
18							2.58		2.35	3.27		
19							2.89	2.35	2.51	3.39		
20							3.13	2.51	2.67	3.40	2.81	3.01
21 22				2.87	2.28	2 45	3.30			3.33		
22				2.87	2.28	2.45 2.61	3.34 3.28	2.75	2.94 2.99	3.24 3.13		3.02 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 27				2.82	2.43		2.93			2.48		2.42
28					2.35 2.34	2.50 2.41	2.63 2.47	2.46 2.37	2.54 2.43	2.46 2.45		2.37 2.39
29				2.46	2.30	2.35	2.39	2.31	2.35	2.41	2.35	2.38
30 31				2.47	2.29	2.37	2.37 2.39	2.30 2.29	2.33 2.33	2.40 2.45	2.32 2.30	2.35 2.35
MONTH				2.99	2.28	2.52	3.34	2.19				2.42
MONIH				2.99	2.20	2.52	5.54	2.19	2.4/	5.40	2.03	2.42
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN			
DAY		MIN SEPTEMBE			MIN OCTOBER			MIN OVEMBER				
1	2.49	SEPTEMBE 2.36	R 2.42	2.54	OCTOBER 2.34	2.40	N 2.50	OVEMBER 2.44	2.48			
1 2	2.49 2.44	SEPTEMBE 2.36 2.36	R 2.42 2.40	2.54 2.54	OCTOBER 2.34 2.45	2.40 2.50	N 2.50 2.63	OVEMBER 2.44 2.50	2.48 2.56			
1 2 3 4	2.49 2.44 2.44 2.41	SEPTEMBE 2.36 2.36 2.33 2.34	R 2.42	2.54	OCTOBER 2.34 2.45	2.40	N 2.50	OVEMBER 2.44 2.50 2.55	2.48			
1 2 3	2.49 2.44 2.44 2.41	SEPTEMBE 2.36 2.36 2.33	R 2.42 2.40 2.37	2.54 2.54 2.56	OCTOBER 2.34 2.45 2.47	2.40 2.50 2.50	N 2.50 2.63 2.75	OVEMBER 2.44 2.50 2.55 2.59	2.48 2.56 2.64			
1 2 3 4 5 6	2.49 2.44 2.44 2.41 2.38 2.32	SEPTEMBE 2.36 2.33 2.34 2.30 2.27	R 2.42 2.40 2.37 2.37 2.34 2.29	2.54 2.54 2.56 2.63 2.60 2.78	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47	2.40 2.50 2.50 2.54 2.53 2.60	N 2.50 2.63 2.75 2.80 2.95 2.82	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67	2.48 2.56 2.64 2.68 2.74 2.72			
1 2 3 4 5 6 7	2.49 2.44 2.44 2.41 2.38 2.32 2.33	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27	2.54 2.54 2.56 2.63 2.60 2.78 2.60	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49	2.40 2.50 2.50 2.54 2.53 2.60 2.54	N 2.50 2.63 2.75 2.80 2.95 2.82	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67 	2.48 2.56 2.64 2.68 2.74			
1 2 3 4 5 6 7 8 9	2.49 2.44 2.44 2.41 2.38 2.32 2.33 2.28 2.27	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.22 2.20	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22	2.54 2.54 2.63 2.60 2.78 2.60 2.78 2.60 2.49 2.41	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.48 2.47 2.49 2.41 2.36	2.40 2.50 2.54 2.53 2.60 2.54 2.54 2.45 2.38	N 2.50 2.63 2.75 2.80 2.95 2.82  	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67  	2.48 2.56 2.64 2.68 2.74 2.72 			
1 2 3 4 5 6 7 8	2.49 2.44 2.44 2.41 2.38 2.32 2.33 2.28 2.27	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.22	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25	2.54 2.54 2.63 2.60 2.78 2.60 2.49	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.49 2.41	2.40 2.50 2.54 2.53 2.60 2.54 2.54 2.45	N 2.50 2.63 2.75 2.80 2.95 2.82 	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67 	2.48 2.56 2.64 2.68 2.74 2.72			
1 2 3 4 5 6 7 8 9 10 11	2.49 2.44 2.41 2.38 2.32 2.33 2.28 2.27 2.23 2.22	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.41 2.36 2.33 2.32	2.40 2.50 2.54 2.53 2.60 2.54 2.45 2.38 2.35	N 2.50 2.63 2.75 2.80 2.95 2.82   	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67   	2.48 2.56 2.64 2.68 2.74 2.72  			
1 2 3 4 5 6 7 8 9 10 11 12	2.49 2.44 2.41 2.38 2.32 2.33 2.28 2.27 2.23 2.22 2.25	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.20 2.19 2.16 2.16	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20 2.20	2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.48 2.47 2.49 2.41 2.36 2.33 2.32 2.35	2.40 2.50 2.54 2.53 2.60 2.54 2.45 2.38 2.35 2.35 2.35	N 2.50 2.63 2.75 2.80 2.95 2.82   	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67  	2.48 2.56 2.64 2.68 2.74 2.72  			
1 2 3 4 5 6 7 8 9 10 11 12 13 14	2.49 2.44 2.41 2.38 2.32 2.33 2.28 2.27 2.23 2.22 2.25 2.47 2.72	SEPTEMBE 2.36 2.37 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16 2.19 2.31	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20 2.20 2.20 2.26 2.42	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.49 2.41	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.48 2.47 2.36 2.33 2.32 2.35 2.42 2.63	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.35 2.35 2.35 2.39 2.54 2.83	N 2.50 2.63 2.75 2.80 2.95 2.82      	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67       	2.48 2.56 2.64 2.68 2.74 2.72    			
1 2 3 4 5 6 7 8 9 10 11 12 13	2.49 2.44 2.44 2.41 2.38 2.33 2.28 2.27 2.23 2.22 2.22 2.47	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16 2.19	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20 2.20 2.26	2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.49 2.49	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.41 2.36 2.33 2.32 2.35 2.42	2.40 2.50 2.54 2.53 2.60 2.54 2.45 2.38 2.35 2.35 2.35 2.39 2.54	N 2.50 2.63 2.75 2.80 2.95 2.82     	OVEMBER 2.44 2.50 2.55 2.60 2.67      	2.48 2.56 2.64 2.68 2.74 2.72   			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	2.49 2.44 2.41 2.38 2.32 2.33 2.27 2.23 2.22 2.25 2.47 2.72 3.02 3.27	SEPTEMBE 2.36 2.37 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16 2.19 2.31 2.48 2.67	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20 2.20 2.20 2.20 2.42 2.42 2.62 2.85	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.87 3.17 3.25 3.40	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.48 2.47 2.36 2.33 2.32 2.35 2.42 2.63 2.84 2.88	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.35 2.35 2.35 2.35 2.35 2.35 2.35	N 2.50 2.63 2.75 2.80 2.95 2.82        	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67  	2.48 2.56 2.64 2.74 2.72     			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	2.49 2.44 2.41 2.38 2.32 2.33 2.28 2.27 2.23 2.22 2.25 2.47 2.72 3.02 3.27 3.40	SEPTEMBE 2.36 2.37 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16 2.16 2.16 2.19 2.31 2.48 2.67 2.83	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20 2.20 2.20 2.20 2.20 2.20	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.87 3.17 3.25 3.40 3.61	OCTOBER 2.34 2.45 2.49 2.48 2.47 2.49 2.48 2.47 2.49 2.43 2.33 2.32 2.35 2.42 2.63 2.84 2.88 3.06	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.39 2.54 2.35 2.39 2.54 2.39 2.54 2.39 2.54 2.39 2.54 2.30 2.54 2.30 2.54 2.30 2.54 2.30 2.54 2.35 2.39 2.54 2.50 2.50 2.50 2.54 2.50 2.50 2.54 2.55 2.54 2.55 2.55 2.55 2.55 2.55	N 2.50 2.63 2.75 2.80 2.95 2.82       	OVEMBER 2.44 2.50 2.55 2.60 2.67       	2.48 2.56 2.64 2.74 2.72     			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	2.49 2.44 2.41 2.38 2.32 2.23 2.22 2.25 2.47 2.22 3.02 3.27 3.40 3.46 3.44	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16 2.16 2.19 2.31 2.48 2.67 2.83 2.96 3.03	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.22 2.21 2.20 2.20 2.20 2.20 2.20 2.20	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.49 2.41 2.36 2.39 2.49 2.49 2.41 3.17 3.25 3.40 3.61 3.26 3.13	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.41 2.36 2.33 2.32 2.35 2.42 2.63 2.84 2.88 3.06 2.92 2.77	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.35 2.35 2.35 2.35 2.35 2.35 2.35	N 2.50 2.63 2.75 2.80 2.95 2.82         	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67  	2.48 2.56 2.64 2.74 2.72       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	2.49 2.44 2.41 2.38 2.32 2.33 2.28 2.27 2.23 2.22 2.25 2.47 2.72 3.02 3.27 3.40 3.46	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16 2.16 2.19 2.31 2.48 2.67 2.83 2.96	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20 2.20 2.20 2.20 2.20 2.20	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.87 3.17 3.25 3.40 3.26	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.41 2.36 2.33 2.32 2.35 2.42 2.63 2.84 2.88 3.06 2.92	2.40 2.50 2.54 2.53 2.60 2.54 2.45 2.38 2.35 2.35 2.39 2.54 2.83 3.02 3.07 3.26 3.08	N 2.50 2.63 2.75 2.80 2.95 2.82         	OVEMBER 2.44 2.50 2.59 2.60 2.67   	2.48 2.56 2.64 2.74 2.72      			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	2.49 2.44 2.41 2.38 2.32 2.33 2.27 2.23 2.22 2.25 2.47 2.72 3.02 3.27 3.40 3.46 3.44 3.34 3.17	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16 2.19 2.31 2.48 2.67 2.83 2.95 2.85	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.22 2.21 2.20 2.20 2.20 2.20 2.20 2.20	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.49 2.41 3.25 3.17 3.25 3.40 3.61 3.26 3.13 3.07 2.77	OCTOBER 2.34 2.45 2.49 2.48 2.47 2.49 2.48 2.47 2.36 2.33 2.32 2.35 2.42 2.63 2.84 2.88 3.06 2.92 2.77 2.71 2.62	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.39 2.54 2.35 2.39 2.54 2.83 3.02 3.07 3.26 3.090 2.83 2.68	N 2.50 2.63 2.75 2.80 2.95 2.82         	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67  	2.48 2.56 2.64 2.74 2.72       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	2.49 2.44 2.41 2.38 2.32 2.33 2.28 2.27 2.23 2.22 2.25 2.47 2.72 3.02 3.27 3.40 3.46 3.44 3.34 3.17 2.98	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16 2.16 2.19 2.16 2.19 2.16 2.19 2.16 2.19 2.31 2.48 2.67 2.83 2.95 2.85 2.73	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20 2.20 2.20 2.26 2.42 2.62 2.85 3.01 3.15 3.17 3.08 2.97 2.84	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.87 3.17 3.25 3.40 3.61 3.26 3.13 3.07 2.77 2.62	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.48 2.47 2.49 2.43 2.35 2.32 2.35 2.42 2.35 2.42 2.63 2.84 2.88 3.06 2.92 2.77 2.71 2.62 2.50	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.39 2.54 2.35 2.39 2.54 2.39 2.54 2.39 2.54 2.39 2.54 2.39 2.54 2.39 2.54 2.83 3.02 3.07 3.26 3.08 2.90 2.83 2.68 2.56	N 2.50 2.63 2.75 2.80 2.95 2.82          -	OVEMBER 2.44 2.50 2.59 2.60 2.67   	2.48 2.56 2.64 2.74 2.72       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	2.49 2.44 2.41 2.38 2.32 2.23 2.22 2.25 2.47 2.22 3.02 3.27 3.40 3.46 3.44 3.34 3.17 2.98 2.73 2.55	SEPTEMBE 2.36 2.37 2.34 2.30 2.27 2.25 2.20 2.19 2.16 2.19 2.31 2.48 2.67 2.83 2.95 3.03 2.95 2.85 2.75 2.46	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.22 2.21 2.20 2.20 2.20 2.20 2.20 2.20	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.49 2.41 3.25 3.40 3.61 3.26 3.13 3.07 2.77 2.62 2.50 2.46	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.41 2.36 2.33 2.32 2.35 2.42 2.63 2.84 2.88 3.06 2.92 2.77 2.71 2.62 2.50 2.44 2.44	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.35 2.35 2.35 2.35 2.35 2.35 2.35	N 2.50 2.63 2.75 2.80 2.95 2.82         	OVEMBER 2.44 2.55 2.59 2.60 2.67   	2.48 2.56 2.64 2.74 2.72       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	2.49 2.44 2.41 2.38 2.32 2.33 2.27 2.23 2.22 2.25 2.47 2.72 3.02 3.27 3.40 3.46 3.44 3.34 3.17 2.98 2.73	SEPTEMBE 2.36 2.37 2.37 2.25 2.20 2.19 2.16 2.16 2.19 2.31 2.48 2.67 2.83 2.95 2.85 2.73 2.55	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20 2.20 2.20 2.20 2.20 2.20	2.54 2.54 2.56 2.63 2.60 2.49 2.41 2.36 2.39 2.49 2.87 3.17 3.25 3.40 3.61 3.26 3.13 3.07 2.77 2.62 2.50	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.48 2.47 2.49 2.41 2.36 2.33 2.32 2.35 2.42 2.63 2.88 3.06 2.92 2.77 2.71 2.62 2.50 2.44	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.35 2.39 2.54 2.33 3.02 3.07 3.26 3.08 2.90 2.83 2.68 2.56 2.46	N 2.50 2.63 2.75 2.80 2.95 2.82          -	OVEMBER 2.44 2.50 2.59 2.60 2.67        -	2.48 2.56 2.64 2.74 2.72       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	2.49 2.44 2.41 2.38 2.32 2.23 2.22 2.25 2.47 2.22 3.02 3.27 3.40 3.46 3.44 3.34 3.17 2.98 2.73 2.55 2.53 2.54	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.20 2.19 2.16 2.19 2.31 2.48 2.67 2.83 2.95 2.85 2.73 2.55 2.46 2.44 2.48	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.22 2.21 2.20 2.20 2.20 2.20 2.20 2.20	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.49 2.41 3.25 3.40 3.61 3.25 3.40 3.61 3.26 3.13 3.07 2.77 2.62 2.50 2.46 2.47 2.45	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.41 2.36 2.33 2.32 2.35 2.42 2.63 2.84 2.88 3.06 2.92 2.77 2.71 2.62 2.50 2.44 2.43 2.42 2.50 2.44 2.43 2.42	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.35 2.35 2.35 2.35 2.35 2.35 2.35	N 2.50 2.63 2.75 2.80 2.95 2.82         	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67   	2.48 2.56 2.64 2.74 2.72       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 9 20 21 22 23 24 25 26 27	2.49 2.44 2.41 2.38 2.32 2.33 2.22 2.25 2.47 2.23 2.22 2.25 2.47 2.72 3.02 3.27 3.40 3.46 3.44 3.34 3.17 2.98 2.73 2.55 2.53 2.54 2.48	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16 2.16 2.19 2.16 2.19 2.16 2.19 2.16 2.19 2.31 2.48 2.67 2.83 2.95 2.85 2.73 2.55 2.46 2.44 2.48 2.41	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20 2.20 2.20 2.20 2.26 2.42 2.62 2.42 2.62 2.85 3.01 3.15 3.17 3.08 2.97 2.84 2.64 2.51 2.46 2.52 2.45	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.41 2.36 3.17 3.25 3.40 3.61 3.26 3.13 3.07 2.77 2.62 2.50 2.46 2.47 2.45 2.42	OCTOBER 2.34 2.45 2.49 2.48 2.47 2.49 2.48 2.47 2.49 2.43 2.35 2.32 2.35 2.42 2.35 2.42 2.63 2.84 2.88 3.06 2.92 2.77 2.71 2.62 2.50 2.44 2.43 2.42 2.40	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.35 2.35 2.35 2.39 2.54 2.33 3.02 3.07 3.26 3.08 2.83 3.02 3.07 3.26 3.08 2.56 2.46 2.45 2.45 2.44 2.41	N 2.50 2.63 2.75 2.80 2.95 2.82         	OVEMBER 2.44 2.50 2.55 2.59 2.60 2.67  	2.48 2.56 2.64 2.74 2.72       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	2.49 2.44 2.41 2.38 2.32 2.23 2.22 2.25 2.47 2.23 3.02 3.27 3.00 3.27 3.40 3.44 3.34 3.17 2.98 2.73 2.55 2.53 2.55 2.53	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.20 2.19 2.16 2.19 2.31 2.48 2.67 2.83 2.95 2.85 2.73 2.55 2.46 2.44 2.48 2.44 2.48 2.41 2.39 2.36	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.22 2.21 2.20 2.20 2.20 2.20 2.20 2.20	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.49 2.41 3.25 3.40 3.61 3.26 3.13 3.07 2.77 2.62 2.50 2.46 2.47 2.45 2.42 2.40 2.38	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.41 2.36 2.33 2.32 2.35 2.42 2.63 2.84 2.88 3.06 2.92 2.77 2.71 2.62 2.50 2.44 2.43 2.42 2.43 2.42 2.50 2.44 2.43 3.06 2.92 2.77 2.71 2.62 2.50 2.44 2.43 3.06 2.33 3.06 2.32 2.35 3.06 2.35 3.06 2.35 3.06 2.35 3.06 2.35 3.06 2.35 3.06 2.35 3.06 2.35 3.06 2.35 3.06 2.35 3.06 2.35 3.06 2.37 3.06 2.37 3.06 2.37 3.06 2.42 2.49 2.41 2.42 2.43 3.06 2.37 2.42 2.43 3.06 2.92 2.77 2.71 2.62 2.50 2.44 2.44 2.45 2.50 2.44 2.45 2.50 2.42 2.55 2.42 2.55 2.42 2.55 2.42 2.55 2.42 2.55 2.42 2.55 2.42 2.55 2.42 2.55 2.42 2.55 2.42 2.55 2.42 2.55 2.44 2.55 2.44 2.55 2.44 2.44 2.44 2.45 3.55 3.55 3.42 2.55 3.44 2.44 2.44 2.44 2.43 3.24 2.43 3.55 3.44 2.42 2.50 2.44 2.43 3.44 2.43 3.55 3.55 3.42 2.42 2.50 2.44 2.43 3.55 3.5	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.35 2.35 2.35 2.35 2.35 2.35 2.35	N 2.50 2.63 2.75 2.80 2.95 2.82	OVEMBER 2.44 2.50 2.59 2.60 2.67   	2.48 2.56 2.64 2.74 2.72       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 9 20 21 22 23 24 25 26 27 28 20 30	2.49 2.44 2.41 2.38 2.32 2.33 2.22 2.25 2.47 2.23 2.22 2.25 2.47 2.72 3.02 3.27 3.40 3.46 3.44 3.34 3.17 2.98 2.73 2.55 2.53 2.54 2.48 2.42 2.40 2.37	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.22 2.20 2.19 2.16 2.16 2.19 2.16 2.19 2.16 2.19 2.31 2.48 2.67 2.83 2.95 2.85 2.73 2.55 2.46 2.44 2.48 2.44 2.48 2.41 2.39 2.35	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.25 2.22 2.21 2.20 2.20 2.20 2.20 2.26 2.42 2.62 2.42 2.62 2.42 2.62 3.01 3.15 3.15 3.17 3.08 2.97 2.84 2.64 2.51 2.46 2.52 2.45 2.45 2.45 2.45 2.45 2.45 2.45	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.49 2.41 3.17 3.25 3.40 3.61 3.26 3.13 3.07 2.77 2.62 2.50 2.46 2.47 2.45 2.42 2.40 2.38 2.39	OCTOBER 2.34 2.45 2.49 2.48 2.47 2.49 2.48 2.47 2.49 2.43 2.35 2.32 2.35 2.42 2.63 2.84 2.88 3.06 2.92 2.77 2.71 2.62 2.50 2.44 2.43 2.42 2.50 2.44 2.43 2.42 2.50 2.44 2.45 2.50 2.42 2.50 2.44 2.45 2.50 2.42 2.55 2.43 3.62 2.55 2.55 2.55 2.55 2.42 2.55 2.35 2.55 2.35 2.55 2.35 2.55 2.35 2.55 2.35 2.55 2.35 2.55 2.35 2.5	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.35 2.35 2.35 2.35 2.35 2.35 2.35	N 2.50 2.63 2.75 2.80 2.95 2.82          -	OVEMBER 2.44 2.50 2.59 2.60 2.67  	2.48 2.56 2.64 2.74 2.72       			
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	2.49 2.44 2.41 2.38 2.32 2.23 2.22 2.25 2.47 2.23 3.02 3.27 3.00 3.27 3.40 3.44 3.34 3.17 2.98 2.73 2.55 2.53 2.55 2.53	SEPTEMBE 2.36 2.33 2.34 2.30 2.27 2.25 2.20 2.19 2.16 2.19 2.31 2.48 2.67 2.83 2.95 2.85 2.73 2.55 2.46 2.44 2.48 2.44 2.48 2.41 2.39 2.36	R 2.42 2.40 2.37 2.37 2.34 2.29 2.27 2.22 2.21 2.20 2.20 2.20 2.20 2.20 2.20	2.54 2.54 2.56 2.63 2.60 2.78 2.60 2.49 2.41 2.36 2.39 2.49 2.49 2.41 3.25 3.40 3.61 3.26 3.13 3.07 2.77 2.62 2.50 2.46 2.47 2.45 2.42 2.40 2.38	OCTOBER 2.34 2.45 2.47 2.49 2.48 2.47 2.49 2.41 2.36 2.33 2.32 2.35 2.42 2.63 2.84 2.88 3.06 2.92 2.77 2.71 2.62 2.50 2.44 2.44 2.43 3.42 2.40 2.35 3.5 3.5 3.5 3.5 3.5 3.5 3.5	2.40 2.50 2.54 2.53 2.60 2.54 2.38 2.35 2.35 2.35 2.35 2.35 2.35 2.35 2.35	N 2.50 2.63 2.75 2.80 2.95 2.82         	OVEMBER 2.44 2.50 2.59 2.60 2.67  	2.48 2.56 2.64 2.74 2.72       			

# 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		

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