Streamflow, water-temperature, and specific-conductance data for selected streams draining into Lake Fryxell, Lower Taylor Valley, Victoria Land, Antarctica, 1990-92

by Paul von Guerard, D.M. McKnight, R.A. Harnish, J.W. Gartner, and E.D. Andrews

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
cubic meter per second (m^3/s)	35.3107	cubic foot per second
meter (m)	3.280	foot
kilometer (km)	0.621	mile

Degree Celsius (°C) may be converted to degree Fahrenheit (°F) by using the following equation:

$$°F = 9/5\ (°C) + 32.$$

The following term also is used in this report:

microsiemens per centimeter at 25 degrees Celsius (µS/cm)

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

Streamflow, Water-Temperature, and Specific-Conductance Data for Selected Streams Draining Into Lake Fryxell, Lower Taylor Valley, Victoria Land, Antarctica, 1990–92

By Paul von Guerard, D.M. McKnight, R.A. Harnish, J.W. Gartner, *and* E.D. Andrews

Abstract

During the 1990–91 and 1991–92 field seasons in Antarctica, streamflow, water-temperature, and specific-conductance data were collected on 11 streams draining into Lake Fryxell. Lake Fryxell, which is permanently ice covered, is situated in a closed basin. Continuous streamflow data were collected at eight sites, and periodic streamflow measurements were made at three sites. Continuous water-temperature and specific-conductance data were collected at seven sites, and periodic water-temperature and specific-conductance data were collected at all sites.

Instantaneous streamflow for all streams measured ranged from 0 to 0.651 cubic meter per second. Water temperatures for all streams measured ranged from 0 to 14.3 degrees Celsius. Specific conductance for all streams measured ranged from 11 to 491 microsiemens per centimeter at 25 degrees Celsius. It is probable that streamflow in the Lake Fryxell Basin during 1990–92 was larger than average. Examination of the 22-year streamflow record for the Onyx River in the Wright Valley revealed that in 1990 streamflow began earlier than for any previous year recorded and that the peak streamflow of record was exceeded. Similar high-flow conditions occurred during the 1991–92 field season. Thus, the data collected on streams draining into Lake Fryxell during 1990–92 are representative of greater than average streamflow conditions.

INTRODUCTION

Lake Fryxell is in the Taylor Valley, which is part of the relatively ice-free region known as the McMurdo Dry Valleys located along the western coast of the Ross Sea in Victoria Land, Antarctica (fig. 1). The McMurdo Dry Valleys is characterized by extreme cold temperatures and dry (rainless) conditions. Any snowfall typically is lost to sublimation in a few hours or days. Air temperatures range from about –45°C, during the winter, to about 5 to 7°C during the summer. Lake Fryxell is a permanently ice-covered, closed-basin lake that has a network of 13 streams that provide inflow. Data were collected at 11 of the 13 streams. No data were collected at Andrews Creek and Mariah Creek (plate 1). These streams flow immediately adjacent to the Canada Glacier and are hazardous to access due to intermittent calving of huge blocks of ice from the glacier into the streambed. Streamflow originates as meltwater from local glaciers, beginning in late November to mid-December and lasting into February. The tongue of the Canada Glacier is grounded in the west end of the lake. During the melt period, an undetermined amount of water flows from the surface of the glacier directly into Lake Fryxell.

Determination of the natural streamflow variability and water-quality parameters is useful information for understanding the hydrologic system in the Lake Fryxell Basin. Streamflow investigations began in the spring of 1990 as part of an ongoing study by the U.S. Geological Survey, in cooperation with the National Science Foundation, of physical and biogeochemical processes in Lake Fryxell. Streamflow data are needed for determining constituent load into the lake, mass balance of glaciers that are the sources of streamflow, and for evaluation of stream-channel morphology and related effects on stream fauna.

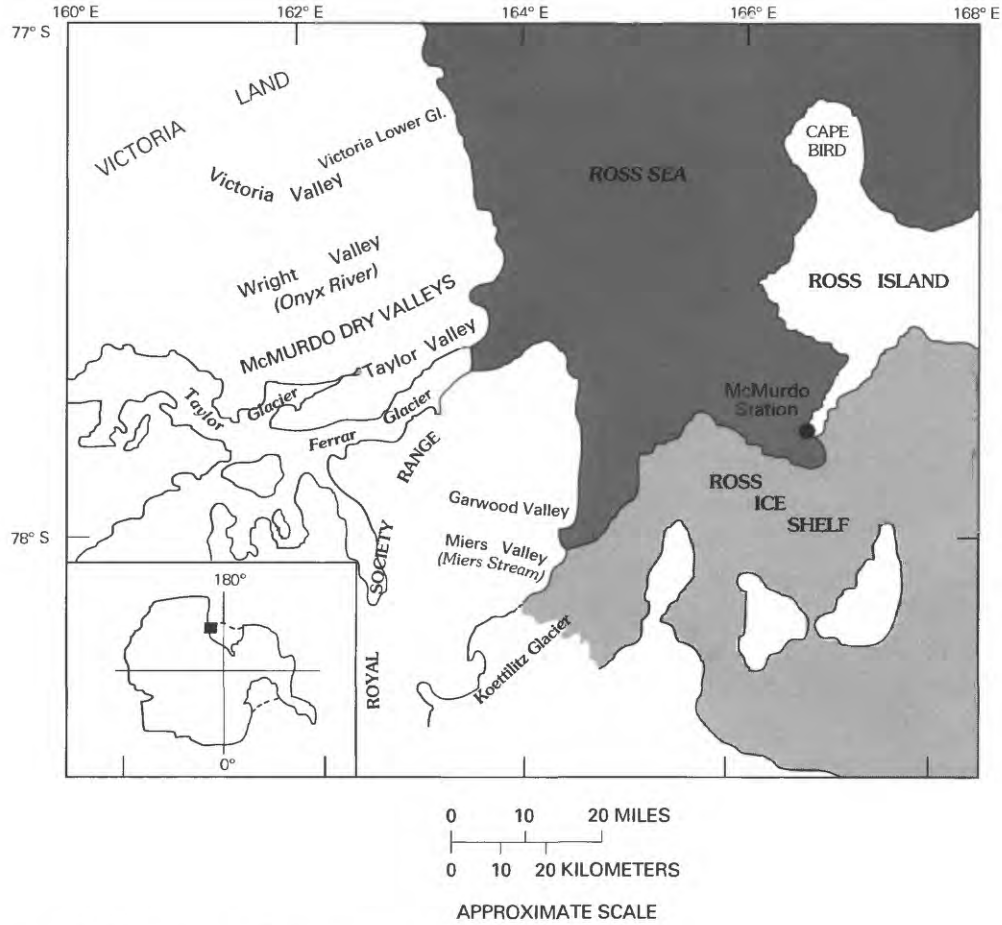

Figure 1. Location of study area.

Purpose and Scope

This report presents streamflow and water-quality data for 11 streams draining into Lake Fryxell (plate 1, table 1). These data were collected during the 1990–91 and 1991–92 field seasons and are presented in the "Hydrologic Data" section at the back of the report (tables 2–24). Also presented are data-collection methods and problems encountered during data collection in the "Streamflow" section of the report. Continuous streamflow data were collected at eight sites, and periodic streamflow measurements were made at three sites (plate 1, table 1). Continuous water-temperature and specific-conductance data were collected at seven sites, and periodic water-temperature and specific-conductance data were collected at all sites.

Previous Investigations

Green and others (1989) collected streamflow data as part of a characterization of the geochemical processes in the Lake Fryxell Basin. During the 1982–83 field season, periodic streamflow measurements were made and water-quality samples were collected at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Creek, Von Guerard Stream, Harnish Creek, Crescent Stream, and Green Creek. Total streamflow ranged from 3.0×10^4 cubic meters per annum at Harnish Creek to 4.2×10^5 cubic meters per annum at Lost Seal Stream (Green and others, 1989).

Continuous streamflow records have been collected on the Onyx River in the Wright Valley for the 1969–70 through 1991–92 field seasons (Chinn, 1993). Other streamflow-gaging activities in the Ross Sea region include periodic measurements on the Clark Stream (1974, 1983–86), the Cape Byrd north rookery stream (1983–84), Adams Stream (1983–84), Miers Stream (1983–84), the Alph River (1985), and the Alph River tributaries (1985, 1988) (Clive Howard-Williams, National Institute of Water and Atmospheric Research Ltd., Christchurch, New Zealand, written commun., 1993).

Table 1. Streamflow and water-quality monitoring sites in the Lake Fryxell Basin, lower Taylor Valley, Victoria Land, Antarctica, 1990–92

Site number in plate 1	Stream name in plate 1	Latitude and longitude	Type of streamflow record	Type of control	Type of water-temperature and specific-conductance measurements
1	Canada Stream	077°36'50" 163°03'14"	Continuous	9-inch Parshall flume and weir	Continuous and periodic
2	Huey Creek	077°36'22" 163°07'27"	Continuous	9-inch Parshall flume and weir	Periodic
3	Lost Seal Stream	077°35'42" 163°14'40"	Continuous	Section	Continuous and periodic
4	McKnight Creek	077°36'00" 163°15'00"	Periodic	Channel	Periodic
5	Aiken Creek	077°36'20" 163°15'30"	Continuous	9-inch Parshall flume and weir	Continuous and periodic
6	Von Guerard Stream	077°36'28" 163°14'40"	Continuous	Section	[1]Continuous and periodic
7	Harnish Creek	077°36'30" 163°14'00"	Periodic	Channel	Periodic
8	Crescent Stream	077°37'10" 163°11'00"	Continuous	Channel	[2]Continuous and periodic
9	Delta Stream	077°37'26" 163°06'28"	Continuous	Channel	Continuous and periodic
10	Green Creek	077°37'21" 163°03'50"	Continuous	6-inch Parshall flume and weir	Continuous and periodic
11	Bowles Creek	077°37'20" 163°03'00"	Periodic	3-inch Parshall flume	Periodic

[1]Continuous specific-conductance record only available for 1991–92 season.

[2]Continuous record collected only during 1991–92 season.

Acknowledgments

The authors thank Ben Budka, John Carter, and Mike Rosauer of Antarctica Support Associates for their assistance in installing the stream gages. Without their dedication and steadfastness under the most arduous conditions, this project could not have succeeded. The authors also thank Fred McDougal, Sean Durnan, Alan Price, and Joe Bement of Antarctica Support Associates for their assistance with the data collection. Special thanks to the pilots and crew of HXE–6 Squadron for their untiring support and dedication. Finally, the authors thank Ed Furlong for his steady support and assistance during the 1990–91 field season; he deserves much credit for the successful completion of data collection during the 1990–91 season.

DATA COLLECTION

Because of the high variability in streamflow on an hourly basis, periodic streamflow measurements are inadequate and continuous record of streamflow is needed. Obtaining accurate continuous streamflow record in dynamic systems is difficult, especially during periods of ice-affected low streamflow that occur in cold periods during the austral summer. Helicopters provide the only plausible access to the Dry Valleys for the purposes of installing and operating stream gages. Once in the Dry Valleys, helicopters or walking are the primary means of transportation. The field season in the Dry Valleys begins in mid- to late October. At that time, soils and stream channels are frozen and weather conditions are severe with persistent winds and air temperatures ranging from –10 to 20°C. No power equipment was used during construction; all construction

and installation was done by hand. At many of the sites, drifted snow as much as 1.5 m deep had to be removed prior to construction. Drifted snow also hindered site selection. Construction, installation, and operation of stream gages under these circumstances is very difficult.

Streams in the Dry Valleys flow through unconsolidated alluvium that, except for algal mats in various streams and moss beds in Canada Stream, is devoid of any vegetation. There were two approaches used for installing streamflow-gaging stations: (1) Select a site in the stream that has an adequate natural control where stream-stage and streamflow relations can be defined (streamflow-rating curve) and collect continuous stream-stage record, and (2) install a Parshall flume for measurement of low streamflow and build a weir into the cutoff wall for measurement of high streamflow.

The streams in the lower Taylor Valley have low concentrations of dissolved materials. In the construction of any stream gage, it is important to minimize the contact of stream water with materials that might leach solutes and affect the stream-water chemistry. Inert materials were used in construction to minimize any effect from the installation on stream chemistry. This is discussed further in the section, "Environmental Effects." In the Dry Valleys, the field season ends in late January. This is a decision based on the cessation of helicopter operations. In order to determine how long streamflow continued after the end of the 1990–91 field season, stream-stage recorders were left in operation at Canada Stream and Aiken Creek. Equipment at all other sites was removed. At the end of the 1991–92 field season, equipment was removed from all sites.

Environmental Effects

A priority among researchers in the Dry Valleys is to protect and maintain the Antarctic environment. The preservation of this ecosystem is critical to the results of current and future research in the Dry Valleys. Minimizing environmental effects was emphasized during the development and installation of stream gages on streams draining into Lake Fryxell.

Three approaches are described for obtaining continuous streamflow records. The approach that least affects the environment is the natural control. However, rating curves developed using natural controls are less accurate, especially at low flows, than those developed using v-notched weirs or Parshall flumes. The use of Parshall flumes with weirs built into the cutoff wall generally have been successful, but there have been problems with washout during high streamflows. Sediment also is retained behind the cutoff wall. This will not be a lasting effect; when the cutoff wall is removed, the sediment eventually will be transported into the lake.

Natural controls and Parshall flumes with weirs built into the cutoff walls have been used for establishing a stable control on the stream channels. The sites where Parshall flumes were installed to provide a control were selected to minimize the length of the cutoff walls. The gages were constructed using inert materials. The Parshall flumes were made of black fiberglass that is considered to be inert and very durable in cold temperatures. Cutoff walls were constructed using polyester sandbags filled with alluvium from near the stream channel. Because of this, there is little possibility of the cutoff wall directly altering stream chemistry. Any area disturbed during construction was restored. After one winter season, areas of alluvium excavation were not evident. Because streams have active channels, there is not likely to be any sustained effect from the streamflow gages after removal. The combined flume and weir gages can be readily removed. The sandbags can be unstacked and emptied onsite. At all streamflow-gaging stations, environmental effects were minimized by establishing paths in the vicinity of the installations to avoid disturbance to microbial flora and fauna.

The equipment for determining stream-stage and water-quality parameters was housed in plywood crates secured by using ropes and buried weights (deadmen). This step is important because of the extreme winds during the austral winter.

Streamflow

Streamflow during 1990–92 was greater than average. Examination of the 22-year streamflow record for the Onyx River revealed that in 1990 streamflow began earlier than for any previous year recorded and that the peak streamflow of record was exceeded. Similar high-flow conditions occurred during the 1991–92 melt season. Based on observations by hydrologists during the 1990–91 and 1991–92 field seasons, hydroclimatic conditions were similar between the Taylor and Wright Valleys. Thus, the data collected on streams draining into Lake Fryxell during 1990–92 are representative of greater than average streamflow conditions. Streamflow data were collected using techniques described by Rantz and others (1982a, b). Stream stage was measured at 15-minute intervals by using a pressure sensor system connected to a data logger. Stream-gaging sections and channel conditions differ considerably for each site. The fol-

lowing is a discussion of the type of stream control and channel stability for each site. Streamflow data are listed in tables 2 through 9, and table 24. Estimated streamflow record is considered to be poor or having an error greater than 15 percent.

Canada Stream: Control conditions include a 9-inch Parshall flume built into a sandbag cutoff wall. For high streamflow, a relief weir was built into the cutoff wall. To reduce the possibility of leaking, the upstream side of the cutoff wall was lined with vinyl-coated nylon; this was done at all sites where flumes were installed. In 1990, streamflow measurements were made the day streamflow began, November 18. Installation of the flume and cutoff wall were complicated by the removal of drifted snow from the channel. Snow removal also was necessary in November 1991. To avoid backwater in the flume, a channel was dug through the snow 10 to 20 m downstream from the flume; this was done at all sites where snow was drifted. Prior to any streamflow, the presence of drifted snow, as much as 1.5 m deep, in the stream channels raised the question of whether streamflow would begin before or after melting of the snow drifted in the channel. During the 1990–91 and 1991–92 seasons, at all sites, streamflow began before snowdrifts in the stream channel melted. Streamflow measurements were made 6 to 9 m downstream from the control. The channel is stable with no observable scour, fill, or sand transport at this site. Streamflow records at this site are considered to be good, or are considered to have an error of less than 10 percent.

Huey Creek: Control conditions include a 9-inch Parshall flume built into a sandbag cutoff wall. Installation of the flume and cutoff wall were complicated by the removal of drifted snow from the channel. Snow removal was necessary in November 1991. For high streamflow, a relief weir was built in the cutoff wall. Stream-channel conditions are unstable, and bedload transport occurs at most streamflows. Because of channel instability, streamflow measurement sites were difficult to locate and measurements were difficult to obtain. Streamflow records at this site are considered to be fair to poor, or are considered to have an error between 10 percent and greater than 15 percent.

Lost Seal Stream: The control is made of a rock control built in between sandbag cutoff walls. Streamflow measurements were difficult to obtain due to the wide and shallow nature of the channel. The stream gage is in a channel on the left side of the stream, and most of the streamflow flows past this portion of the channel. However, during periods of peak streamflow, about 2 to 4 percent of the total flow bypasses the gaged channel. Sand transport causes shifting control conditions and problems in obtaining stream-stage record due to orifice burial or plugging. Streamflow records at this site are considered to be fair, or are considered to have an error greater than 10 percent but less than 15 percent.

McKnight Creek: There is no well-defined channel and only periodic streamflow measurements were obtained at this site. Installing and maintaining a stream gage at this site would be prohibitive and, because large amounts of material would need to be excavated, would be disruptive to the channel and surrounding environment. The channel is stable with no scour or fill observed. Streamflow-measurement cross sections are difficult to locate. Streamflow measurements are considered to be fair, or are considered to have an error greater than 10 percent but less than 15 percent.

Aiken Creek: Control conditions include a 9-inch Parshall flume built into a sandbag cutoff wall. For high streamflows, a relief weir was built into the cutoff wall. Streamflow measurements were made 3 to 6 m downstream from the control. The channel is stable with no observable scour, fill, or sand transport. Streamflow records at this site are considered to be good, or are considered to have an error less than 10 percent.

Von Guerard Stream: Control conditions include a rock control covered with vinyl-coated nylon. Sand transport causes shifting control conditions and problems in obtaining stream-stage record due to orifice burial or plugging. Streamflow measurements were made 3 to 9 m upstream from or downstream from the control. Streamflow records are considered to be fair, or are considered to have an error greater than 10 percent but less than 15 percent.

Harnish Creek: There is no well-defined channel and only periodic streamflow measurements were obtained at this site. Installing and maintaining a stream gage at this site would be prohibitive and, because large amounts of material would need to be excavated, would be disruptive to the channel and surrounding environment. The channel is stable with no scour or fill observed. Streamflow-measurement cross sections were difficult to locate. Streamflow measurements are considered to be fair, or are considered to have an error greater than 10 percent but less than 15 percent.

Crescent Stream: Channel control was used at this site. Streamflow measurements were made 3 to 6 m downstream from the control. The channel is stable with no observable scour, fill, or sand transport. Streamflow records at this site are considered to be fair, or are considered to have an error greater than 10 percent but less than 15 percent.

Delta Stream: Control conditions are a rock control. Sand transport causes shifting control conditions and problems in obtaining stream-stage record due to orifice burial or plugging. Streamflow measurements were made 2 to 3 m upstream from the control. Streamflow records are considered to be fair, or are considered to have an error greater than 10 percent but less than 15 percent.

Green Creek: Control conditions include a 6-inch Parshall flume built into a sandbag cutoff wall. For high streamflows, a relief weir was built into the cutoff wall. Streamflow measurements were made immediately downstream from the control. The channel is stable with no scour or fill observed. There was no observable sand transport at this site. Streamflow records at this site are considered to be good, or are considered to have an error less than 10 percent. The stream gage is located near Lake Fryxell and, because of rising lake levels, the gage was removed and relocated upstream after the 1991–92 season.

Bowles Creek: Only periodic streamflow measurements were obtained using a 3-inch modified Parshall flume. Streamflow measurements are considered to be excellent, or are considered to have an error less than 5 percent.

For streams draining into Lake Fryxell, streamflow varies temporally and spatially. During the 1990–91 field season, streamflow in the lower Taylor Valley began in mid-November to early December and continued into February (fig. 2). For the 1991–92 field season, streamflow began in mid-November to early December; however, there are no data past the end of the field season. Seasonal variation of daily mean streamflow between Canada Stream and Aiken Creek are illustrated in figure 2. Diurnal variations in streamflow can be large and the timing of peak streamflow between sites quite variable; for example, December 30, 1990, through January 2, 1991, at Canada Stream and Aiken Creek. During this period at Canada Stream, streamflow ranged from 0.050 to 0.65 m^3/s, and peak streamflow occurred between 1315 and 1545 hours (fig. 3). Streamflow at Aiken Creek ranged from 0.03 to 0.43 m^3/s and peak streamflow occurred between 2400 and 0400 hours (fig. 3). Instantaneous streamflow for all streams measured ranged from 0.001 to 0.651 m^3/s.

Water Temperature and Specific Conductance

Water temperature and specific conductance were measured at 15-minute intervals using a U.S. Geological Survey minimonitor. Water-quality monitors were installed and operated according to procedures outlined in Ficken and Scott (1988). The measurement of water temperature and specific conductance can be affected by sediment deposition in or on the probes. Water-quality monitor records were easily obtained at Canada Stream, Aiken Creek, Crescent Stream, and Green Creek. These are sites that have little sediment transport. At Lost Seal Stream, Von Guerard Stream, and Delta Stream, water-quality monitor records were more difficult to obtain due to the deposition of sand in or on the probes. Continuous records for specific conductance are unavailable because of fouling or burial of the probe for Von Guerard Stream for the 1990–91 field season. Continuous records for water temperature and specific conductance were collected at Huey Creek but were not used due to sand fouling or burial of the probes. Water-temperature data are listed in tables 10–16, and specific-conductance data are listed in tables 17–23. Periodic measurements of water temperature and specific conductance were made at all sites and are listed in table 24.

Water temperature and specific conductance for Canada Stream are measured about 1.0 km downstream from the Canada Glacier. The stream channel for Canada Stream is incised with stream depths of 0.3 to 0.5 m. Water temperature and specific conductance for Aiken Stream are measured about 3.7 km downstream from the Commonwealth Glacier and about 6.7 km downstream from the Double-Curtain Glacier, the stream channel for Aiken Creek is broad and flat, with stream depths less than 0.3 m. Canada Stream and Aiken Creek are representative of the variation in channel length and channel morphology for streams draining into Lake Fryxell. It is suspected that stream-channel length and stream-channel morphology might affect water chemistry in streams in the Dry Valleys.

Water temperatures for all streams measured ranged from 0 to 14.3°C. Daily variation in water temperature can exceed 10.0°C. The seasonal and daily variation of water temperature for Canada Stream and Aiken Creek are shown in figure 4.

Specific conductance for all streams measured ranged from 11 to 491 µS/cm. Specific conductance varies considerably between streams draining into Lake Fryxell. The seasonal and daily variation of daily mean specific conductance for Canada Stream and Aiken Creek are shown in figure 5.

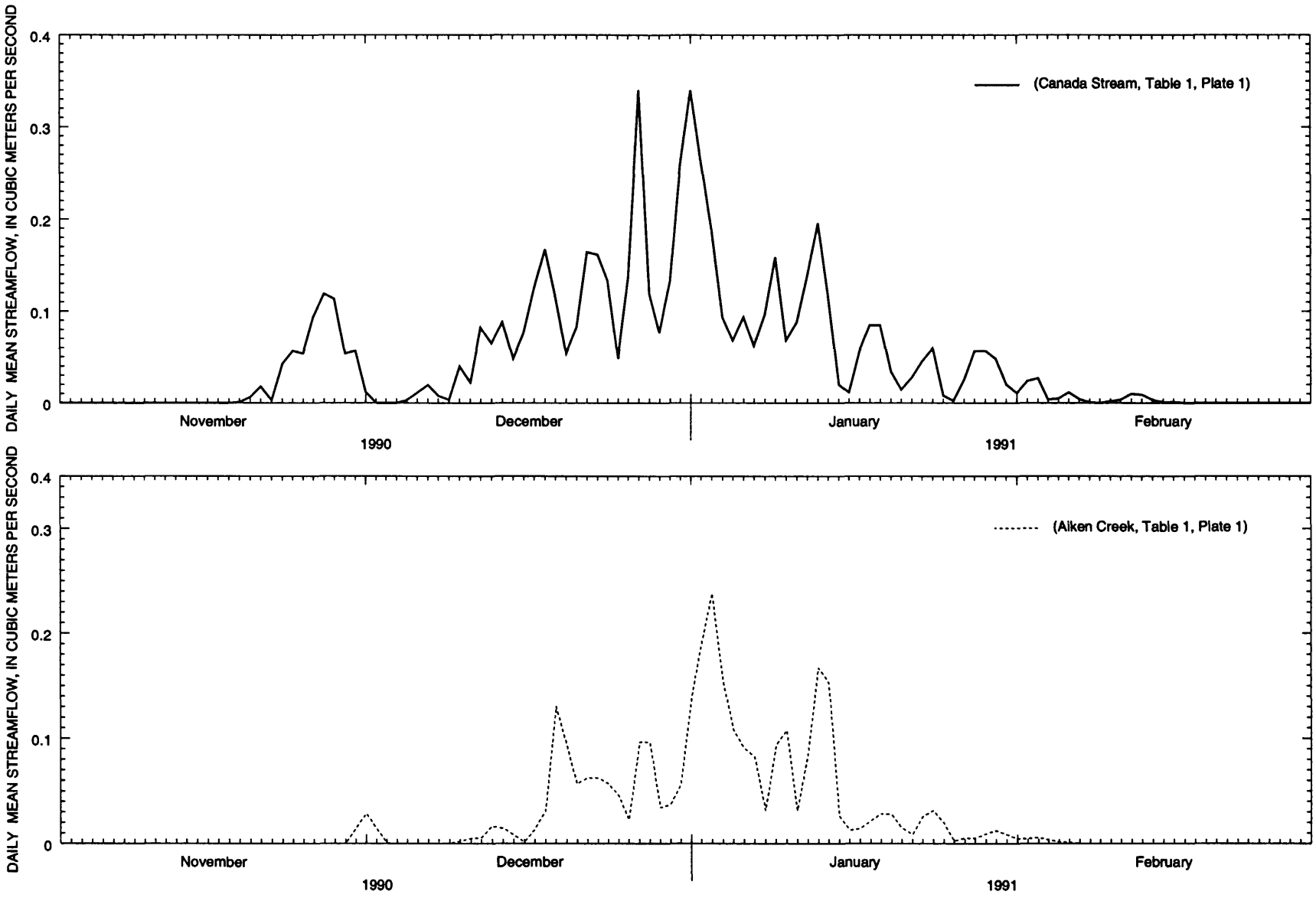

Figure 2. Daily mean streamflow for Canada Stream and Aiken Creek, November 1990 through February 1991.

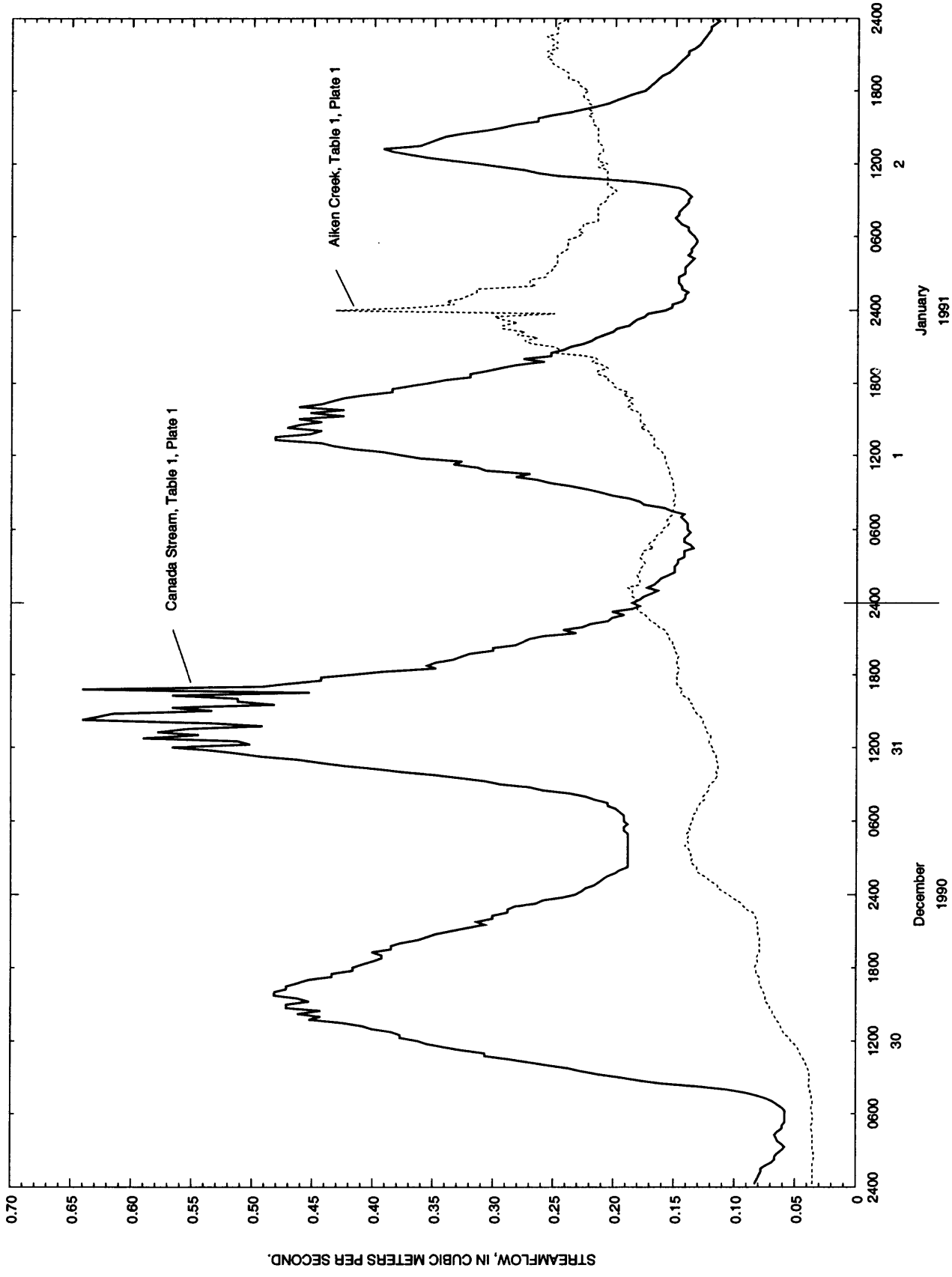

Figure 3. Unit streamflow for Canada Stream and Aiken Creek, December 30, 1990, through January 2, 1991.

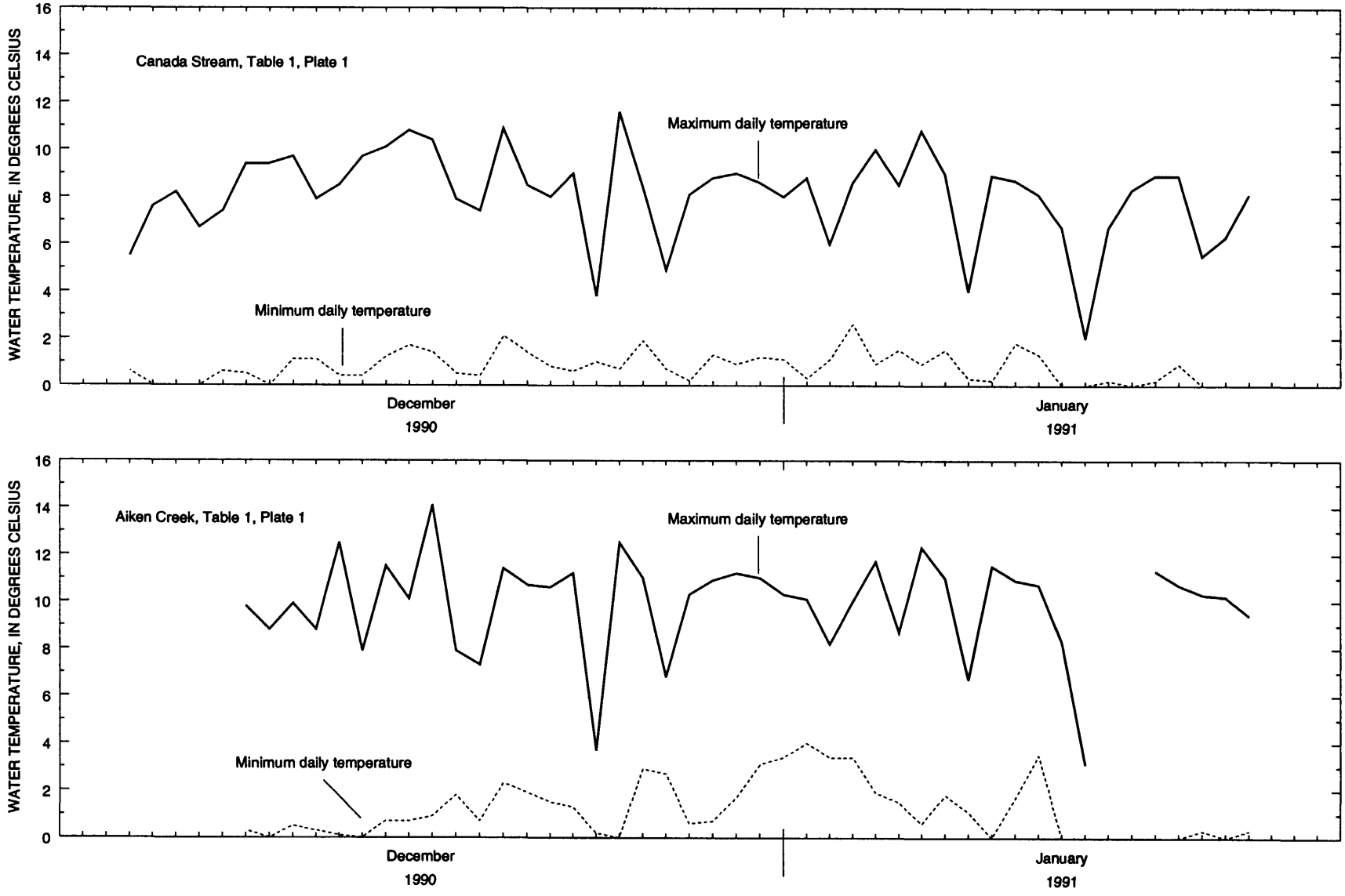

Figure 4. Maximum and minimum water temperatures for Canada Stream and Aiken Creek, December 1990 through January 1991.

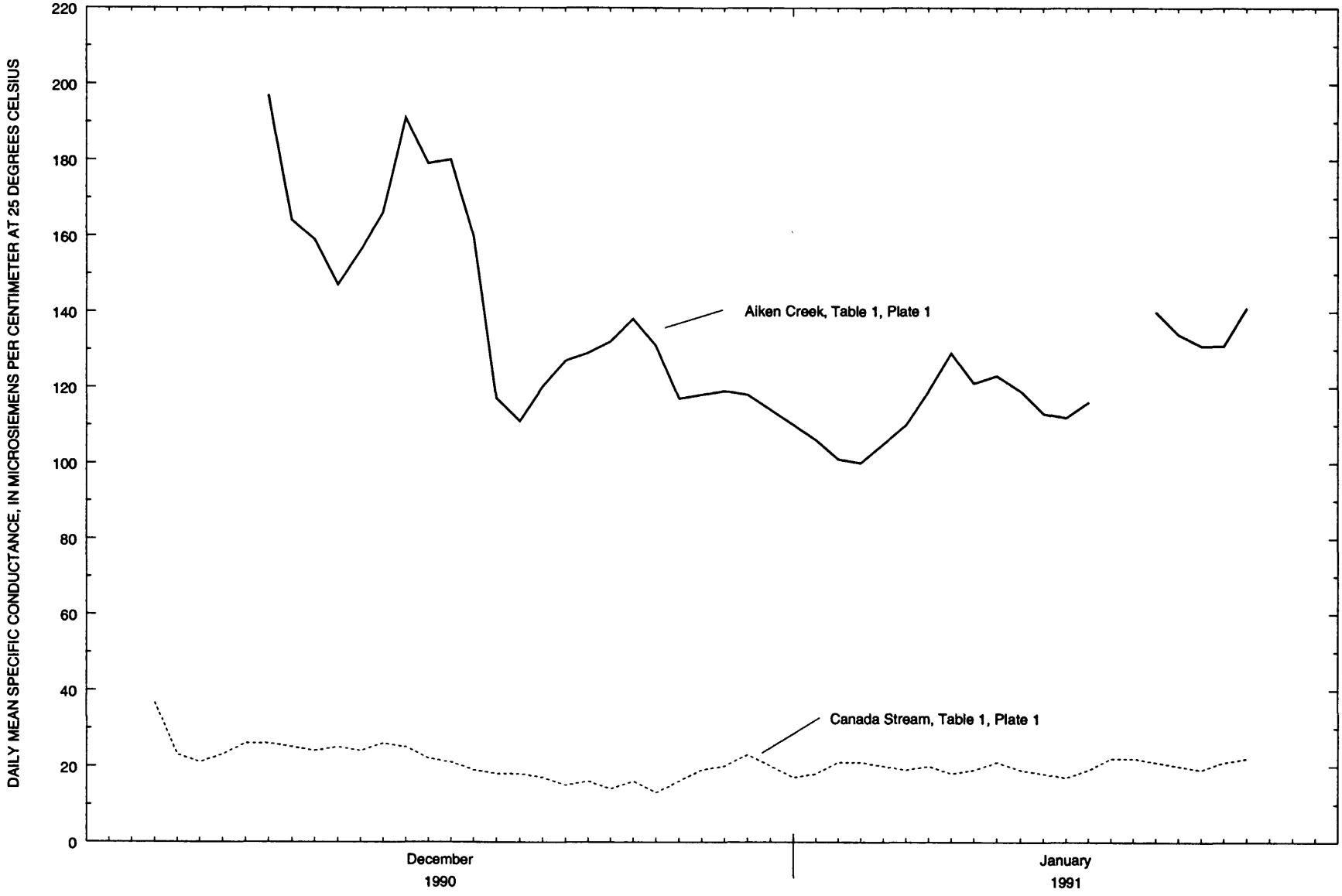

Figure 5. Daily mean specific conductance for Canada Stream and Aiken Creek, December 1990 through January 1991.

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HYDROLOGIC DATA

Table 2. Maximum, minimum, and daily mean streamflow for Canada Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data and no estimation; e indicates estimation]

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
	November 1990					December 1990				January 1991				February 1991		
1	--	--	--	e0.000	0015	0.001	0.000	0.000	1315	0.481	0.133	0.263	1400	0.093	0.002	0.024
2	--	--	--	e.000	0000	.000	.000	.000	1315	.396	.113	.187	1500	.093	.003	.027
3	--	--	--	e.000	0000	.000	.000	.000	0000	.113	.071	.093	1500	.006	.002	.004
4	--	--	--	e.000	1515	.010	.000	.003	1545	.116	.040	.068	1300	.022	.000	.005
5	--	--	--	e.000	1415	.040	.000	.011	1400	.258	.021	.093	1400	.037	.002	.011
6	--	--	--	e.000	1345	.065	.000	.020	1700	.102	.031	.062	1400	.013	.002	.004
7	--	--	--	e.000	1415	.024	.000	.008	1530	.224	.015	.096	0000	.002	.000	.001
8	--	--	--	e.000	1415	.009	.000	.003	1500	.311	.048	.159	0000	.000	.000	.000
9	--	--	--	e.000	1500	.136	.000	.040	0000	.127	.021	.068	1700	.010	.000	.002
10	--	--	--	e.000	1900	.051	.003	.022	1330	.201	.009	.088	1400	.012	.000	.003
11	--	--	--	e.000	1415	.204	.008	.082	1330	.283	.024	.139	1600	.037	.000	.010
12	--	--	--	e.000	1045	.153	.022	.065	1445	.340	.096	.195	1400	.031	.003	.009
13	--	--	--	e.000	1345	.204	.022	.088	1130	.246	.022	.116	1500	.005	.002	.003
14	--	--	--	e.000	1530	.071	.031	.048	1200	.031	.005	.020	0000	.002	.000	.001
15	--	--	--	e.000	1800	.167	.027	.076	1330	.031	.004	.011	1700	.007	.000	.001
16	--	--	--	e.000	1630	.258	.057	.125	1330	.153	.003	.057	--	--	--	e.000
17	--	--	--	e.000	1300	.283	.059	.167	1445	.201	.006	.085	--	--	--	e.000
18	--	--	--	.001	0015	.164	.088	.116	1545	.193	.022	.085	--	--	--	e.000
19	--	--	--	.006	0000	.093	.031	.054	0000	.059	.018	.034	--	--	--	e.000
20	--	--	--	.018	1300	.164	.022	.082	1800	.025	.008	.014	--	--	--	e.000
21	--	--	--	.003	1515	.311	.057	.164	1315	.062	.006	.028	--	--	--	e.000
22	--	--	--	.042	1330	.275	.102	.161	1245	.127	.005	.045	--	--	--	e.000
23	--	--	--	.057	1330	.241	.085	.133	1700	.130	.006	.059	--	--	--	e.000
24	--	--	--	.054	0000	.096	.022	.048	0000	.024	.002	.008	--	--	--	e.000
25	1445	0.218	0.010	.093	1515	.311	.014	.136	1600	.003	.001	.002	--	--	--	e.000
26	1530	.258	.031	.119	1445	.651	.108	.340	1600	.102	.001	.026	--	--	--	e.000
27	1400	.229	.045	.113	0000	.224	.042	.119	1500	.147	.004	.057	--	--	--	e.000
28	1615	.102	.022	.054	1400	.164	.027	.076	1400	.147	.005	.057	--	--	--	e.000
29	1315	.122	.007	.057	1045	.283	.037	.133	1400	.125	.008	.048	--	--	--	--
30	1330	.026	.001	.012	1545	.481	.059	.258	1500	.051	.003	.020	--	--	--	--
31	--	--	--	--	1415	.651	.178	.340	1500	.031	.002	.011	--	--	--	--

Table 2. Maximum, minimum, and daily mean streamflow for Canada Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1991				December 1991				January 1992		
1	--	--	--	e0.000	1500	0.028	0.001	0.010	0000	0.110	0.057	0.074
2	--	--	--	e.000	1545	.012	.002	.005	1600	.235	.037	.139
3	--	--	--	e.000	1015	.006	.001	.002	0000	.125	.062	.096
4	--	--	--	e.000	1600	.042	.001	.012	1445	.127	.042	.076
5	--	--	--	e.000	1630	.007	.002	.004	1500	.178	.031	.093
6	--	--	--	e.000	1315	.059	.002	.028	1445	.184	.031	.119
7	--	--	--	e.000	1345	.159	.013	.076	1330	.218	.018	.113
8	--	--	--	e.000	1500	.170	.031	.082	0000	.093	.014	.045
9	--	--	--	e.000	1500	.368	.059	.181	1615	.045	.006	.017
10	--	--	--	e.000	1515	.425	.113	.229	1815	.048	.005	.017
11	--	--	--	e.000	1515	.396	.096	.224	1100	.028	.003	.010
12	--	--	--	e.000	1600	.340	.110	.184	0930	.004	.002	.003
13	--	--	--	e.000	0000	.139	.054	.096	1415	.024	.002	.008
14	--	--	--	e.000	1730	.110	.031	.065	1815	.091	.003	.031
15	--	--	--	e.000	1330	.283	.042	.139	1400	.119	.006	.045
16	--	--	--	.003	0000	.091	.028	.065	1430	.119	.004	.045
17	--	--	--	.014	1715	.071	.012	.031	1800	.031	.003	.013
18	--	--	--	.014	1945	.045	.008	.023	1830	.023	.004	.010
19	--	--	--	.008	1745	.057	.008	.024	1745	.020	.003	.008
20	--	--	--	.000	0000	.018	.002	.005	0000	.008	.002	.004
21	--	--	--	.006	1315	.102	.002	.027	1745	.015	.002	.005
22	--	--	--	.014	1430	.156	.004	.062	1700	.057	.003	.019
23	--	--	--	.003	1645	.119	.010	.051	0000	.022	.002	.006
24	--	--	--	.000	0000	.057	.022	.031	--	--	--	--
25	--	--	--	.000	0000	.028	.008	.016	--	--	--	--
26	1300	0.012	0.000	.001	1400	.238	.012	.127	--	--	--	--
27	1130	.001	.000	.000	0000	.130	.074	.108	--	--	--	--
28	1615	.016	.000	.004	1345	.130	.034	.071	--	--	--	--
29	1915	.071	.000	.007	1430	.246	.034	.150	--	--	--	--
30	1445	.014	.001	.006	1500	.261	.119	.187	--	--	--	--
31	--	--	--	--	1700	.167	.113	.133	--	--	--	--

Table 3. Maximum, minimum, and daily mean streamflow for Huey Creek in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data and no estimation; e indicates estimation]

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1990				December 1990				January 1991		
1	--	--	--	e0.000	--	--	--	e0.001	1445	0.425	0.014	0.127
2	--	--	--	e.000	--	--	--	e.014	1430	.510	.028	.119
3	--	--	--	e.000	--	--	--	e.000	1515	.079	.022	.042
4	--	--	--	e.000	1545	0.091	0.003	.021	1315	.031	.019	.021
5	--	--	--	e.000	1445	.082	.001	.022	1415	.125	.018	.045
6	--	--	--	e.000	1300	.091	.002	.026	1545	.125	.018	.054
7	--	--	--	e.000	1245	.057	.002	.018	1500	.283	.018	.093
8	--	--	--	e.000	1745	.023	.002	.007	1230	.396	.021	.108
9	--	--	--	e.000	1400	.093	.001	.025	0615	.025	.018	.020
10	--	--	--	e.000	1530	.076	.001	.016	1630	.136	.018	.054
11	--	--	--	e.000	1430	.184	.004	.071	1445	.340	.018	.071
12	--	--	--	e.000	1100	.105	.010	.037	--	--	--	e.057
13	--	--	--	e.000	1400	.176	.005	.065	--	--	--	e.034
14	--	--	--	e.000	1615	.034	.004	.015	--	--	--	e.005
15	--	--	--	e.000	1730	.054	.002	.017	--	--	--	e.003
16	--	--	--	e.000	1700	.096	.003	.034	--	--	--	e.021
17	--	--	--	e.000	1430	.229	.004	.074	--	--	--	e.027
18	--	--	--	e.000	--	.076	.002	.020	--	--	--	e.021
19	--	--	--	e.000	--	.002	.000	.000	--	--	--	e.006
20	--	--	--	e.000	--	.054	.000	.015	--	--	--	e.003
21	--	--	--	e.000	1300	.161	.000	.059	--	--	--	e.006
22	--	--	--	e.000	1445	.161	.000	.054	--	--	--	e.020
23	--	--	--	e.000	1315	.142	.003	.048	--	--	--	e.034
24	--	--	--	e.000	2400	.008	.000	.001	--	--	--	e.004
25	--	--	--	.037	0015	.204	.000	.059	--	--	--	e.001
26	--	--	--	.082	1330	.283	.002	.088	--	--	--	--
27	--	--	--	.051	0030	.045	.000	.003	--	--	--	--
28	--	--	--	e.045	1530	.187	.000	.040	--	--	--	--
29	--	--	--	e.037	1645	.178	.007	.068	--	--	--	--
30	--	--	--	e.014	1745	.127	.010	.057	--	--	--	--
31	--	--	--	--	1630	.311	.015	.110	--	--	--	--

Table 3. Maximum, minimum, and daily mean streamflow for Huey Creek in the lower Taylor Valley, Victoria Land, Antarctica --Continued

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	[1]Minimum	Mean		Maximum	[1]Minimum	Mean
	November 1991				December 1991				January 1992			
1	--	--	--	e0.000	--	--	--	e0.000	0000	0.081	--	e.010
2	--	--	--	e.000	--	--	--	e.000	1345	.105	--	e.031
3	--	--	--	e.000	--	--	--	e.000	--	--	--	e.007
4	--	--	--	e.000	--	--	--	.000	--	--	--	e.006
5	--	--	--	e.000	--	--	--	.000	1630	.054	--	e.011
6	--	--	--	e.000	--	--	0.000	e.008	1515	.042	--	e.014
7	--	--	--	e.000	1400	0.108	--	e.040	1515	.099	--	e.025
8	--	--	--	e.000	1600	.105	--	e.040	--	--	--	e.002
9	--	--	--	e.000	1500	.212	--	e.068	--	--	--	e.001
10	--	--	--	e.000	1600	.311	.013	.099	--	--	--	e.001
11	--	--	--	e.000	1400	.156	.013	.065	--	--	--	e.001
12	--	--	--	e.000	1500	.130	--	e.040	--	--	--	e.001
13	--	--	--	e.000	1445	.034	--	e.012	--	--	--	e.001
14	--	--	--	e.000	1545	.053	--	e.012	1630	.031	--	e.010
15	--	--	--	e.000	1245	.235	--	e.071	1430	.040	--	e.013
16	--	--	--	e.000	1430	.053	--	e.012	1630	.040	--	e.010
17	--	--	--	e.000	1700	.033	--	e.005	1815	.018	--	e.005
18	--	--	--	e.000	1845	.156	--	e.003	--	--	--	e.002
19	--	--	--	e.000	1615	.085	--	e.014	--	--	--	e.001
20	--	--	--	e.000	--	--	--	e.001	--	--	--	e.001
21	--	--	--	e.000	1345	.004	--	e.004	--	--	--	e.001
22	--	--	--	e.000	1400	.056	--	e.014	--	--	--	e.001
23	--	--	--	e.000	1745	.040	--	e.008	--	--	--	e.001
24	--	--	--	e.000	--	--	--	e.006	--	--	--	--
25	--	--	--	e.000	--	--	--	e.003	--	--	--	--
26	--	--	--	e.000	1600	.059	--	e.017	--	--	--	--
27	--	--	--	e.000	1815	.019	--	e.007	--	--	--	--
28	--	--	--	e.000	1430	.036	--	e.001	--	--	--	--
29	--	--	--	e.000	1400	.130	--	e.042	--	--	--	--
30	--	--	--	e.000	1345	.133	.013	.062	--	--	--	--
31	--	--	--	--	1630	.084	.011	.029	--	--	--	--

[1]Minimum streamflow is missing most days because at low flows stream-gage orifice was out of water.

Table 4. Maximum, minimum, and daily mean streamflow for Lost Seal Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data and no estimation; e indicates estimation]

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
	November 1990				December 1990				January 1991			
1	--	--	--	e0.000	--	--	--	e0.001	1915	0.765	0.181	0.396
2	--	--	--	e.000	--	--	--	e.000	1945	.680	.195	.396
3	--	--	--	e.000	--	--	--	e.000	0015	.595	.190	.381
4	--	--	--	e.000	--	--	--	e.000	0015	.396	.093	.201
5	--	--	--	e.000	--	--	--	e.000	1630	.396	.065	.192
6	--	--	--	e.000	--	--	--	e.007	1715	.218	.057	.122
7	--	--	--	e.000	--	--	--	e.010	2400	.453	.024	.114
8	--	--	--	e.000	2115	0.057	0.003	.018	0345	.510	.190	.346
9	--	--	--	e.000	0000	.027	.003	.014	0515	.368	.082	.195
10	--	--	--	e.000	2045	.042	.005	.020	2315	.396	.040	.146
11	--	--	--	e.000	2100	.133	.012	.054	2400	.538	.065	.207
12	--	--	--	e.000	0000	.116	.027	.057	0030	.424	.105	.247
13	--	--	--	e.000	1830	.116	.022	.062	1200	.269	.082	.204
14	--	--	--	e.000	0530	.133	.051	.076	0015	.150	.005	.042
15	--	--	--	e.000	1945	.215	.037	.099	1645	.048	.004	.012
16	--	--	--	e.000	0000	.178	.079	.119	1830	.051	.003	.023
17	--	--	--	e.000	1900	.396	.074	.178	1915	.059	.001	.024
18	--	--	--	e.000	2230	.396	.156	.246	1830	.189	.003	.045
19	--	--	--	e.000	0130	.340	.144	.207	0000	.119	.005	.042
20	--	--	--	e.000	0215	.181	.093	.130	1500	.073	.002	.014
21	--	--	--	e.000	2030	.235	.071	.130	--	--	--	e.002
22	--	--	--	e.000	--	--	--	e.116	--	--	--	--
23	--	--	--	e.000	1745	.181	.059	.105	--	--	--	--
24	--	--	--	e.001	0000	.102	.028	.057	--	--	--	--
25	--	--	--	e.003	2000	.150	.018	.068	--	--	--	--
26	--	--	--	e.005	1700	.280	.059	.150	--	--	--	--
27	--	--	--	e.003	0345	.161	.116	.148	--	--	--	--
28	--	--	--	e.003	0015	.167	.057	.105	--	--	--	--
29	--	--	--	e.003	0000	.181	.051	.085	--	--	--	--
30	--	--	--	e.002	2015	.340	.054	.147	--	--	--	--
31	--	--	--	--	2200	.538	.156	.283	--	--	--	--

Table 4. Maximum, minimum, and daily mean streamflow for Lost Seal Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1991				December 1991				January 1992		
1	--	--	--	e0.000	--	--	--	e0.000	0000	0.244	0.051	0.102
2	--	--	--	e.000	--	--	--	e.000	--	--	--	e.110
3	--	--	--	e.000	--	--	--	e.000	0000	.261	.074	.153
4	--	--	--	e.000	--	0.000	0.000	.000	1615	.119	.020	.057
5	--	--	--	e.000	--	.000	.000	.000	2045	.312	.010	.102
6	--	--	--	e.000	2345	.034	.000	.008	1900	.340	.031	.108
7	--	--	--	e.000	0645	.068	.008	.028	1915	.765	.014	.235
8	--	--	--	e.000	2345	.085	.019	.048	0000	.368	.014	.085
9	--	--	--	e.000	1715	.425	.085	.221	1630	.065	.002	.015
10	--	--	--	e.000	1345	.396	.312	.368	1930	.105	.001	.028
11	--	--	--	e.000	1345	.396	.161	.283	0000	.057	.001	.010
12	--	--	--	e.000	0845	.340	.258	.312	2145	.009	.000	.002
13	--	--	--	e.000	0000	.258	.207	.238	1915	.028	.000	.006
14	--	--	--	e.000	1445	.235	.201	.218	1930	.082	.000	.014
15	--	--	--	e.000	1500	.241	.190	.218	1700	.045	.000	.018
16	--	--	--	e.000	1415	.227	.120	.178	1900	.116	.000	.028
17	--	--	--	e.000	2030	.312	.051	.102	2115	.054	.005	.020
18	--	--	--	e.000	0000	.167	.057	.088	1830	.040	.001	.011
19	--	--	--	e.000	0015	.105	.015	.048	2000	.054	.001	.015
20	--	--	--	e.000	0000	.040	.001	.010	0000	.019	.002	.009
21	--	--	--	e.000	1815	.008	.001	.002	2000	.028	.000	.006
22	--	--	--	e.000	2145	.068	.000	.019	1715	.031	.000	.008
23	--	--	--	e.000	1945	.079	.001	.019	0100	.016	.000	.002
24	--	--	--	e.000	0000	.040	.001	.007	--	--	--	--
25	--	--	--	e.000	0000	.007	.000	.001	--	--	--	--
26	--	--	--	e.000	1915	.623	.004	.249	--	--	--	--
27	--	--	--	e.000	0000	.396	.096	.178	--	--	--	--
28	--	--	--	e.000	2145	.312	.015	.088	--	--	--	--
29	--	--	--	e.000	--	--	.045	.453	--	--	--	--
30	--	--	--	e.000	--	--	.150	.566	--	--	--	--
31	--	--	--	--	--	--	.176	.340	--	--	--	--

Table 5. Maximum, minimum, and daily mean streamflow for Aiken Creek in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data and no estimation; e indicates estimation]

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
	November 1990				December 1990				January 1991				February 1991			
1	--	--	--	e0.000	2000	--	--	e0.000	2400	0.425	0.150	0.190	1100	0.010	0.001	0.005
2	--	--	--	e.000	1015	0.006	0.000	.014	0000	.368	.198	.238	2300	.010	.003	.006
3	--	--	--	e.000	1445	.000	.000	.001	0000	.235	.116	.156	1500	.007	.000	.003
4	--	--	--	e.000	1545	.000	.000	.000	2315	.142	.082	.108	--	--	--	e.002
5	--	--	--	e.000	0345	.000	.000	.000	0045	.144	.059	.091	--	.003	.000	.001
6	--	--	--	e.000	0000	.000	.000	.000	0145	.142	.042	.082	0100	.001	.001	.000
7	--	--	--	e.000	0000	.000	.000	.000	0000	.042	.025	.031	--	--	--	e.000
8	--	--	--	e.000	2330	.001	.000	.000	2400	.167	.045	.093	--	--	--	e.000
9	--	--	--	e.000	2330	.004	.001	.002	0130	.178	.037	.108	--	--	--	e.000
10	--	--	--	e.000	0400	.010	.002	.005	2330	.045	.017	.031	--	--	--	e.000
11	--	--	--	e.000	2115	.009	.004	.006	2400	.153	.045	.085	--	--	--	e.000
12	--	--	--	e.000	1530	.024	.007	.016	2400	.218	.150	.167	--	--	--	e.000
13	--	--	--	e.000	1745	.022	.009	.014	0000	.218	.048	.153	--	--	--	e.000
14	--	--	--	e.000	0600	.021	.003	.008	0015	.048	.018	.026	--	--	--	e.000
15	--	--	--	e.000	2315	.004	.000	.001	0515	.024	.005	.013	--	--	--	e.000
16	--	--	--	e.000	2345	.024	.004	.013	--	--	--	e.010	--	--	--	e.000
17	--	--	--	e.000	2400	.059	.022	.031	1800	.040	.007	.021	--	--	--	e.000
18	--	--	--	e.000	0630	.184	.059	.130	1700	.037	.020	.028	--	--	--	e.000
19	--	--	--	e.000	0130	.144	.057	.093	0430	.028	.022	.027	--	--	--	e.000
20	--	--	--	e.000	1845	.068	.045	.057	0400	.026	.010	.014	--	--	--	e.000
21	--	--	--	e.000	1730	.076	.048	.062	2015	.013	.004	.008	--	--	--	e.000
22	--	--	--	e.000	1700	.079	.048	.062	1700	.048	.012	.025	--	--	--	e.000
23	--	--	--	e.000	1845	.071	.040	.057	1900	.045	.021	.031	--	--	--	e.000
24	--	--	--	e.000	0300	.068	.016	.045	0400	.062	.003	.020	--	--	--	e.000
25	--	--	--	e.000	2400	.051	.008	.022	1400	.005	.000	.002	--	--	--	e.000
26	--	--	--	e.000	1545	.238	.051	.096	0700	.037	.001	.005	--	--	--	e.000
27	--	--	--	e.000	0115	.176	.042	.096	2000	.010	.001	.005	--	--	--	e.000
28	--	--	--	e.000	0000	.042	.031	.034	2100	.023	.001	.009	--	--	--	e.000
29	--	--	--	e.014	0130	.042	.034	.037	0800	.022	.003	.012	--	--	--	e.000
30	--	--	--	e.028	2400	.105	.034	.057	0900	.013	.004	.008	--	--	--	e.000
31	--	--	--	--	2400	.184	.110	.136	1300	.007	.002	.005	--	--	--	e.000

Table 5. Maximum, minimum, and daily mean streamflow for Aiken Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1991				December 1991				January 1992		
1	--	--	--	e0.000	0000	0.000	0.000	0.000	0000	0.144	0.031	0.062
2	--	--	--	e.000	0000	.000	.000	.000	2130	.368	.031	.144
3	--	--	--	e.000	0000	.000	.000	.000	0000	.340	.071	.142
4	--	--	--	e.000	0000	.000	.000	.000	0000	.071	.034	.045
5	--	--	--	e.000	0000	.000	.000	.000	2300	.113	.014	.042
6	--	--	--	e.000	0000	.000	.000	.000	0030	.113	.023	.068
7	--	--	--	e.000	0000	.000	.000	.000	2300	.311	.045	.122
8	--	--	--	e.000	2330	.161	.000	.076	0015	.311	.020	.093
9	--	--	--	e.000	0515	.396	.161	.252	0000	.019	.003	.008
10	--	--	--	e.000	0000	.272	.161	.221	0400	.005	.003	.004
11	--	--	--	e.000	2215	.311	.059	.159	1000	.012	.003	.008
12	--	--	--	e.000	1915	.396	.153	.278	0945	.006	.001	.003
13	--	--	--	e.000	0000	.311	.079	.153	0015	.003	.000	.000
14	--	--	--	e.000	2345	.108	.028	.051	0215	.001	.000	.000
15	--	--	--	e.000	2015	.258	.071	.147	0000	.001	.000	.000
16	--	--	--	e.000	0000	.215	.031	.071	2400	.006	.000	.000
17	--	--	--	e.000	2345	.071	.020	.037	0745	.037	.005	.014
18	--	--	--	e.000	0115	.082	.031	.048	0000	.006	.002	.004
19	--	--	--	e.000	0330	.048	.009	.031	1530	.006	.000	.001
20	--	--	--	e.000	0645	.010	.001	.005	0900	.001	.000	.000
21	--	--	--	e.000	0000	.001	.000	.000	1000	.001	.000	.000
22	--	--	--	e.000	0145	.003	.000	.000	0115	.001	.000	.000
23	--	--	--	e.000	0000	.000	.000	.000	0915	.001	.000	.000
24	--	--	--	e.000	1330	.002	.000	.000	--	--	--	--
25	--	--	--	e.000	0400	.003	.000	.001	--	--	--	--
26	--	--	--	e.000	2030	.340	.000	.105	--	--	--	--
27	--	--	--	e.000	0000	.311	.082	.142	--	--	--	--
28	--	--	--	e.000	0000	.122	.031	.057	--	--	--	--
29	--	--	--	e.000	2130	.396	.051	.161	--	--	--	--
30	--	--	--	e.000	0000	.396	.181	.311	--	--	--	--
31	--	--	--	--	0015	.340	.085	.167	--	--	--	--

Table 6. Maximum, minimum, and daily mean streamflow for Von Guerard Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data and no estimation; e indicates estimation]

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1990				December 1990				January 1991		
1	--	--	--	e0.000	--	--	--	e0.000	1815	0.241	0.014	0.093
2	--	--	--	e.000	--	--	--	e.000	1915	.210	.024	.096
3	--	--	--	e.000	--	--	--	e.000	0000	.105	.018	.040
4	--	--	--	e.000	--	--	--	e.001	1645	.119	.011	.045
5	--	--	--	e.000	2300	0.062	0.000	.011	2015	.195	.016	.076
6	--	--	--	e.000	2000	.079	.001	.020	0000	.096	.014	.037
7	--	--	--	e.000	0030	.054	.000	.011	1900	.210	.013	.074
8	--	--	--	e.000	0000	.025	.000	.001	1900	.210	.019	.091
9	--	--	--	e.000	2100	.000	.000	.000	0000	.119	.010	.034
10	--	--	--	e.000	0000	.000	.000	.000	2030	.153	.001	.042
11	--	--	--	e.000	1900	.096	.000	.021	1815	.232	.016	.099
12	--	--	--	e.000	0000	.062	.000	.012	1915	.263	.026	.110
13	--	--	--	e.000	1915	.054	.000	.014	0000	.136	.026	.057
14	--	--	--	e.000	0000	.037	.000	.008	0130	.051	.014	.026
15	--	--	--	e.000	2345	.031	.000	.002	1700	.019	.002	.010
16	--	--	--	e.000	2130	.037	.001	.018	1930	.071	.001	.018
17	--	--	--	e.000	2045	.125	.000	.031	2045	.091	.005	.031
18	--	--	--	e.000	2145	.108	.007	.040	2015	.091	.003	.031
19	--	--	--	e.000	0515	.139	.011	.042	0000	.059	.003	.012
20	--	--	--	e.000	1845	.108	.000	.026	0030	.005	.001	.002
21	--	--	--	e.000	2045	.133	.009	.054	0315	.002	.000	.000
22	--	--	--	e.000	1615	.110	.007	.048	--	--	--	--
23	--	--	--	e.000	1945	.139	.010	.054	--	--	--	--
24	--	--	--	e.000	0000	.082	.002	.019	--	--	--	--
25	--	--	--	e.000	2045	.184	.001	.048	--	--	--	--
26	--	--	--	e.002	1845	.312	.016	.113	--	--	--	--
27	--	--	--	e.006	0000	.153	.019	.042	--	--	--	--
28	--	--	--	e.011	1845	.130	.003	.034	--	--	--	--
29	--	--	--	e.011	1700	.088	.005	.037	--	--	--	--
30	--	--	--	e.002	1945	.221	.002	.062	--	--	--	--
31	--	--	--	--	1730	.232	.013	.082	--	--	--	--

Table 6. Maximum, minimum, and daily mean streamflow for Von Guerard Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1991				December 1991				January 1992		
1	--	--	--	e0.000	--	0.000	0.000	0.000	0215	0.272	0.016	0.037
2	--	--	--	e.000	1330	.091	.000	.010	1830	.176	.013	.051
3	--	--	--	e.000	1930	.040	.005	.019	0000	.059	.014	.026
4	--	--	--	e.000	2030	.040	.003	.016	0000	.016	.005	.010
5	--	--	--	e.000	0000	.018	.002	.005	2045	.105	.002	.022
6	--	--	--	e.000	2100	.016	.002	.005	1730	.139	.006	.048
7	--	--	--	e.000	2315	.139	.004	.037	1845	.125	.005	.042
8	--	--	--	e.000	1830	.139	.019	.048	0000	.057	.003	.012
9	--	--	--	e.000	1830	.190	.021	.079	0000	.003	.001	.001
10	--	--	--	e.000	1830	.280	.034	.099	2315	.021	.000	.001
11	--	--	--	e.000	1730	.340	.051	.144	0000	.019	.001	.005
12	--	--	--	e.000	1645	.138	.040	.096	1100	.001	.000	.000
13	--	--	--	e.000	0000	.099	.016	.034	2245	.011	.000	.001
14	--	--	--	e.000	1845	.139	.007	.025	1930	.062	.001	.012
15	--	--	--	e.000	1845	.034	.006	.042	1900	.096	.000	.025
16	--	--	--	e.000	0000	.034	.004	.014	1930	.110	.002	.028
17	--	--	--	e.000	2200	.024	.001	.008	2200	.042	.002	.014
18	--	--	--	e.000	2315	.028	.003	.009	0000	.031	.002	.008
19	--	--	--	e.000	0145	.016	.001	.008	0100	.005	.001	.002
20	--	--	--	e.000	0100	.005	.001	.004	0130	.008	.001	.003
21	--	--	--	e.000	2230	.082	.000	.001	0000	.001	.000	.001
22	--	--	--	e.000	1900	.024	.001	.017	0430	.001	.000	.000
23	--	--	--	e.000	0030	.014	.001	.008	1015	.001	.000	.000
24	--	--	--	e.000	0000	.003	.001	.006	--	--	--	.000
25	--	--	--	e.000	0015	.065	.000	.001	--	--	--	--
26	--	--	--	e.000	1730	.071	.000	.017	--	--	--	--
27	--	--	--	e.000	0045	.190	.011	.034	--	--	--	--
28	--	--	--	e.000	1730	.396	.010	.057	--	--	--	--
29	--	--	--	e.000	1900	.340	.023	.130	--	--	--	--
30	--	--	--	e.000	0300	.258	.024	.144	--	--	--	--
31	--	--	--	e.000	0245	.425	.062	.122	--	--	--	--

Table 7. Maximum, minimum, and daily mean streamflow for Crescent Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data and no estimation; e indicates estimation]

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1990				December 1990				January 1991		
1	--	--	--	e0.000	--	--	--	e0.000	1915	0.311	0.031	0.110
2	--	--	--	e.000	--	--	--	e.000	1915	.283	.062	.153
3	--	--	--	e.000	--	--	--	e.000	0015	.215	.057	.108
4	--	--	--	e.000	--	--	--	e.000	2215	.164	.031	.074
5	--	--	--	e.000	--	--	--	e.000	1900	.396	.034	.127
6	--	--	--	e.000	--	--	--	.002	0000	.156	.028	.071
7	--	--	--	e.000	0000	0.040	0.002	.011	1945	.311	.025	.085
8	--	--	--	e.000	0015	.019	.002	.006	2045	.311	.042	.127
9	--	--	--	e.000	2215	.025	.003	.007	0000	.184	.017	.071
10	--	--	--	e.000	0000	.023	.002	.007	1900	.261	.006	.068
11	--	--	--	e.000	2230	.147	.001	.040	1915	.311	.025	.108
12	--	--	--	e.000	0000	.116	.007	.028	1915	.368	.037	.119
13	--	--	--	e.000	2145	.071	.002	.011	0045	.156	.019	.051
14	--	--	--	e.000	0000	.057	.001	.016	1615	.042	.005	.019
15	--	--	--	e.000	0000	.001	.000	.000	1445	.048	.003	.014
16	--	--	--	e.000	0130	.057	.000	.016	2215	.065	.003	.009
17	--	--	--	e.000	2030	.193	.004	.042	2115	.116	.006	.034
18	--	--	--	e.000	2130	.224	.017	.068	2015	.139	.008	.042
19	--	--	--	e.000	0015	.147	.017	.045	0015	.099	.008	.025
20	--	--	--	e.000	2200	.125	.004	.025	1045	.012	.003	.006
21	--	--	--	e.000	1915	.235	.008	.062	--	--	--	--
22	--	--	--	e.000	1815	.224	.015	.074	--	--	--	--
23	--	--	--	e.000	2030	.235	.021	.091	--	--	--	--
24	--	--	--	e.000	0130	.204	.010	.042	--	--	--	--
25	--	--	--	e.003	1915	.224	.004	.051	--	--	--	--
26	--	--	--	e.007	1745	.311	.031	.110	--	--	--	--
27	--	--	--	e.014	0000	.173	.025	.059	--	--	--	--
28	--	--	--	e.014	1945	.110	.006	.028	--	--	--	--
29	--	--	--	e.003	0600	.173	.004	.034	--	--	--	--
30	--	--	--	e.000	1800	.232	.003	.045	--	--	--	--
31	--	--	--	--	1700	.164	.014	.071	--	--	--	--

Table 7. Maximum, minimum, and daily mean streamflow for Crescent Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1991				December 1991				January 1992		
1	--	--	--	e0.000	--	--	--	e0.000	0000	0.054	0.014	0.028
2	--	--	--	e.000	--	--	--	e.000	1915	.164	.012	.048
3	--	--	--	e.000	--	--	--	e.000	0000	.071	.017	.034
4	--	--	--	e.000	--	--	--	e.000	0000	.017	.005	.010
5	--	--	--	e.000	--	--	--	e.000	2115	.076	.004	.018
6	--	--	--	e.000	--	0.000	0.000	e.000	2045	.071	.001	.024
7	--	--	--	e.000	2300	.076	.000	.011	2015	.110	.000	.031
8	--	--	--	e.000	0000	.065	.002	.016	0015	.071	.004	.021
9	--	--	--	e.000	2045	.105	.002	.023	1300	.005	.001	.003
10	--	--	--	e.000	1845	.133	.008	.042	0000	.001	.000	.001
11	--	--	--	e.000	2015	.164	.017	.065	0200	.010	.000	.002
12	--	--	--	e.000	0000	.091	.028	.059	2115	.001	.000	.000
13	--	--	--	e.000	0000	.071	.023	.037	0045	.001	.000	.000
14	--	--	--	e.000	2230	.062	.004	.019	2245	.023	.000	.002
15	--	--	--	e.000	1930	.099	.006	.037	2200	.034	.000	.005
16	--	--	--	e.000	0000	.054	.005	.022	2045	.057	.001	.014
17	--	--	--	e.000	0000	.025	.002	.010	1530	.031	.001	.011
18	--	--	--	e.000	0100	.023	.003	.010	0000	.019	.001	.007
19	--	--	--	e.000	0630	.008	.001	.004	1745	.003	.000	.001
20	--	--	--	e.000	0545	.006	.001	.002	0000	.001	.000	.001
21	--	--	--	e.000	0045	.002	.000	.001	0000	.000	.000	.000
22	--	--	--	e.000	2145	.037	.000	.003	0000	.000	.000	.000
23	--	--	--	e.000	0000	.031	.000	.007	0000	.000	.000	.000
24	--	--	--	e.000	2230	.014	.000	.006	--	--	--	.000
25	--	--	--	e.000	0000	.012	.001	.003	--	--	--	--
26	--	--	--	e.000	0000	.040	.000	.007	--	--	--	--
27	--	--	--	e.000	0000	.040	.004	.018	--	--	--	--
28	--	--	--	e.000	1845	.065	.004	.025	--	--	--	--
29	--	--	--	e.000	2030	.261	.014	.082	--	--	--	--
30	--	--	--	e.000	1800	.249	.023	.108	--	--	--	--
31	--	--	--	--	0000	.116	.031	.054	--	--	--	--

Table 8. Maximum, minimum, and daily streamflow for Delta Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data and no estimation; e indicates estimation]

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1990				December 1990				January 1991		
1	--	--	--	e0.000	--	--	--	e0.000	2045	0.207	0.057	0.125
2	--	--	--	e.000	--	--	--	e.000	1930	.232	.085	.153
3	--	--	--	e.000	--	--	--	e.000	0000	.190	.074	.110
4	--	--	--	e.000	--	--	--	e.000	2200	.091	.018	.054
5	--	--	--	e.000	--	--	--	e.000	2030	.153	.025	.074
6	--	--	--	e.000	--	--	--	e.003	0000	.136	.027	.062
7	--	--	--	e.000	0000	0.040	0.001	.007	2200	.127	.012	.042
8	--	--	--	e.000	1630	.005	.001	.002	2030	.156	.037	.088
9	--	--	--	e.000	2315	.007	.001	.002	0000	.142	.014	.059
10	--	--	--	e.000	0000	.007	.001	.002	1930	.110	.002	.034
11	--	--	--	e.000	2030	.096	.001	.022	2045	.142	.011	.059
12	--	--	--	e.000	0000	.071	.004	.017	2115	.142	.025	.074
13	--	--	--	e.000	2115	.040	.002	.012	0015	.110	.007	.045
14	--	--	--	e.000	0000	.040	.001	.010	1915	.037	.003	.015
15	--	--	--	e.000	2330	.045	.001	.004	1130	.016	.001	.005
16	--	--	--	e.000	0015	.045	.001	.012	2300	.025	.001	.004
17	--	--	--	e.000	2215	.136	.006	.040	2215	.057	.003	.013
18	--	--	--	e.000	2100	.139	.048	.085	2230	.074	.004	.024
19	--	--	--	e.000	0000	.127	.025	.062	0000	.071	.003	.016
20	--	--	--	e.000	1900	.091	.013	.034	0000	.003	.001	.001
21	--	--	--	e.000	2000	.130	.024	.062	--	--	--	--
22	--	--	--	e.000	1845	.125	.042	.076	--	--	--	--
23	--	--	--	e.000	1945	.167	.048	.088	--	--	--	--
24	--	--	--	e.002	0000	.139	.025	.068	--	--	--	--
25	--	--	--	e.050	2015	.147	.004	.045	--	--	--	--
26	--	--	--	e.080	2015	.204	.059	.116	--	--	--	--
27	--	--	--	e.100	0000	.178	.054	.096	--	--	--	--
28	--	--	--	e.100	2030	.062	.014	.031	--	--	--	--
29	--	--	--	e.004	0030	.057	.014	.034	--	--	--	--
30	--	--	--	e.001	2030	.178	.014	.065	--	--	--	--
31	--	--	--	--	2115	.167	.057	.110	--	--	--	--

Table 8. Maximum, minimum, and daily streamflow for Delta Stream in the lower Taylor Valley, Victoria Land, Antarctica --Continued

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1991				December 1991				January 1992		
1	--	--	--	e0.000	--	0.000	0.000	0.000	0000	0.105	0.027	0.054
2	--	--	--	e.000	--	.000	.000	.000	1845	.187	.010	.059
3	--	--	--	e.000	--	.000	.000	.000	0000	.130	.025	.065
4	--	--	--	e.000	--	.000	.000	.000	0000	.025	.007	.014
5	--	--	--	e.000	--	.000	.000	.000	2130	.093	.004	.020
6	--	--	--	e.000	--	.000	.000	.000	2130	.102	.008	.045
7	--	--	--	e.000	2100	.122	.000	.031	2145	.142	.007	.042
8	--	--	--	e.000	0000	.116	.031	.059	0000	.102	.003	.019
9	--	--	--	e.000	2145	.280	.016	.076	0000	.003	.001	.002
10	--	--	--	e.000	1845	.232	.034	.105	0245	.001	.001	.001
11	--	--	--	e.000	2045	.340	.048	.142	0400	.006	.001	.002
12	--	--	--	e.000	1800	.207	.091	.150	1145	.001	.001	.001
13	--	--	--	e.000	0030	.167	.054	.088	0315	.002	.000	.001
14	--	--	--	e.000	2030	.144	.010	.045	2400	.021	.000	.001
15	--	--	--	e.000	1815	.170	.018	.074	0000	.021	.000	.005
16	--	--	--	e.000	0000	.099	.014	.048	--	--	.000	e.006
17	--	--	--	e.000	2345	.054	.003	.016	2230	.037	.002	.007
18	--	--	--	e.000	0000	.051	.002	.014	0000	.031	.001	.008
19	--	--	--	e.000	0345	.014	.001	.006	0000	.001	.001	.001
20	--	--	--	e.000	0045	.014	.001	.005	2300	.001	.001	.001
21	--	--	--	e.000	1600	.002	.001	.001	0545	.001	.000	.001
22	--	--	--	e.000	1900	.007	.001	.002	--	.001	.000	.000
23	--	--	--	e.000	0130	.012	.001	.004	--	.000	.000	.000
24	--	--	--	e.000	0045	.003	.001	.001	--	.000	.000	.000
25	--	--	--	e.000	0815	.002	.001	.001	--	--	--	--
26	--	--	--	e.000	2115	.108	.001	.018	--	--	--	--
27	--	--	--	e.000	0000	.096	.004	.026	--	--	--	--
28	--	--	--	e.000	2245	.096	.006	.031	--	--	--	--
29	--	--	--	e.000	2030	.198	.014	.076	--	--	--	--
30	--	--	--	e.000	1915	.221	.045	.119	--	--	--	--
31	--	--	--	--	0000	.178	.076	.105	--	--	--	--

Table 9. Maximum, minimum, and daily mean streamflow for Green Creek in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data and no estimation; e indicates estimation]

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
		November 1990				December 1990				January 1991		
1	--	--	--	e0.000	0015	0.025	0.003	0.009	1600	0.311	0.110	0.204
2	--	--	--	e.000	0900	.010	.001	.003	1530	.340	.093	.190
3	--	--	--	e.000	0745	.003	.000	.002	0000	.130	.042	.062
4	--	--	--	e.000	0815	.002	.000	.001	1800	.122	.028	.065
5	--	--	--	e.000	1445	.002	.000	.001	1815	.212	.040	.110
6	--	--	--	e.000	1200	.003	.000	.001	0000	.105	.048	.071
7	--	--	--	e.000	1030	.002	.000	.001	1900	.147	.016	.062
8	--	--	--	e.000	1415	.001	.000	.000	1830	.215	.048	.130
9	--	--	--	e.000	1730	.013	.000	.005	0000	.130	.014	.048
10	--	--	--	e.000	0015	.014	.001	.005	1845	.116	.009	.048
11	--	--	--	e.000	1815	.062	.005	.028	1700	.178	.037	.102
12	--	--	--	e.000	0745	.074	.045	.059	1715	.190	.076	.127
13	--	--	--	e.000	1845	.156	.054	.093	1300	.125	.021	.074
14	--	--	--	e.000	0000	.133	.042	.071	0000	.021	.003	.010
15	--	--	--	e.000	2100	.110	.045	.071	1000	.004	.001	.003
16	--	--	--	e.000	1745	.173	.091	.127	1900	.048	.000	.016
17	--	--	--	e.000	2345	.167	.068	.119	1745	.102	.014	.051
18	--	--	--	e.000	0000	.153	.068	.110	1900	.110	.034	.062
19	--	--	--	e.000	0015	.147	.031	.068	0000	.082	.023	.037
20	--	--	--	e.000	1700	.176	.023	.093	0000	.024	.005	.009
21	--	--	--	e.000	1730	.224	.108	.156	--	--	--	e.007
22	--	--	--	e.000	1600	.187	.091	.133	--	--	--	--
23	2330	0.009	0.000	.003	1715	.173	.040	.099	--	--	--	--
24	2000	.057	.001	.026	0000	.102	.016	.040	--	--	--	--
25	1815	.082	.021	.048	1845	.176	.012	.088	--	--	--	--
26	2000	.147	.025	.065	1615	.246	.139	.184	--	--	--	--
27	1530	.048	.014	.031	0000	.156	.048	.074	--	--	--	--
28	0030	.017	.005	.009	1800	.085	.024	.051	--	--	--	--
29	2330	.062	.007	.016	1530	.125	.040	.082	--	--	--	--
30	0015	.057	.010	.031	1730	.224	.054	.139	--	--	--	--
31	--	--	--	--	1645	.340	.125	.201	--	--	--	--

Table 9. Maximum, minimum, and daily mean streamflow for Green Creek in the lower Taylor Valley, Victoria Land, Antarctica --Continued

Day of month	Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)			Time of maximum streamflow (24-hour format)	Streamflow (cubic meters per second)		
		Maximum	Minimum	Mean		Maximum	Minimum	Mean		Maximum	Minimum	Mean
	November 1991				December 1991				January 1992			
1	--	--	--	e0.000	--	--	--	0.000	0000	0.108	0.031	0.051
2	--	--	--	e.000	--	0.000	0.000	.000	1745	.255	.026	.122
3	--	--	--	e.000	--	.002	.000	.000	0000	.139	.048	.071
4	--	--	--	e.000	--	.000	.000	.000	0030	.368	.025	.051
5	--	--	--	e.000	--	.000	.000	.000	1945	.178	.022	.076
6	--	--	--	e.000	--	.000	.000	.000	2000	.156	.040	.108
7	--	--	--	e.000	1730	.059	.000	.028	1730	.167	.008	.076
8	--	--	--	e.000	1915	.071	.016	.040	0000	.096	.014	.040
9	--	--	--	e.000	1815	.156	.025	.082	0000	.014	.004	.007
10	--	--	--	e.000	1715	.153	.065	.102	2345	.010	.003	.005
11	--	--	--	e.000	1645	.144	.024	.074	1145	.016	.004	.011
12	--	--	--	e.000	1615	.340	.085	.218	0845	.007	.001	.003
13	--	--	--	e.000	0000	.181	.059	.099	2400	.002	.001	.001
14	--	--	--	e.000	2115	.113	.028	.057	2330	.016	.003	.005
15	--	--	--	e.000	1630	.204	.071	.133	0945	.018	.003	.011
16	--	--	--	e.000	0000	.108	.027	.051	2045	.034	.001	.012
17	--	--	--	e.000	2300	.057	.014	.028	0000	.018	.004	.008
18	--	--	--	e.000	0000	.057	.020	.031	0615	.011	.003	.006
19	--	--	--	e.000	0000	.031	.018	.026	0000	.004	.002	.003
20	--	--	--	e.000	0000	.025	.002	.011	0730	.005	.002	.003
21	--	--	--	e.000	1800	.008	.002	.005	0000	.003	.001	.002
22	--	--	--	e.000	2000	.037	.003	.012	2330	.012	.002	.004
23	--	--	--	e.000	0000	.026	.005	.012	0215	.015	.003	.007
24	--	--	--	e.000	0130	.016	.005	.009	--	--	--	--
25	--	--	--	e.000	0145	.013	.004	.007	--	--	--	--
26	--	--	--	e.000	1830	.261	.004	.130	--	--	--	--
27	--	--	--	e.000	0000	.224	.113	.153	--	--	--	--
28	--	--	--	e.000	0000	.153	.054	.091	--	--	--	--
29	--	--	--	e.000	1945	.311	.074	.176	--	--	--	--
30	--	--	--	e.000	1645	.311	.136	.215	--	--	--	--
31	--	--	--	e.000	0000	.190	.076	.113	--	--	--	--

Table 10. Maximum, minimum, and daily mean water temperature for Canada Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; °C, degrees Celsius]

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1990			January 1991		
1	--	--	--	8.0	1.1	4.4
2	--	--	--	8.8	.3	4.2
3	--	--	--	6.0	1.1	3.7
4	5.5	0.6	3.7	8.6	2.6	5.0
5	7.6	.0	3.4	10.0	.9	4.9
6	8.2	.0	3.8	8.5	1.5	4.7
7	6.7	.0	3.0	10.8	.9	5.6
8	7.4	.6	3.2	--	--	--
9	9.4	.5	3.8	4.0	.3	1.8
10	9.4	.0	4.0	8.9	.2	4.7
11	9.7	1.1	4.9	8.7	1.8	5.6
12	7.9	1.1	4.1	8.1	1.3	4.8
13	8.5	.4	4.5	6.7	.0	2.0
14	9.7	.4	3.7	2.0	.0	.7
15	10.1	1.2	5.4	6.7	.2	2.2
16	10.8	1.7	5.0	8.3	.0	4.1
17	10.4	1.4	5.1	8.9	.2	4.8
18	7.9	.5	3.8	8.9	.9	5.0
19	7.4	.4	2.8	5.5	.0	2.5
20	10.9	2.1	5.3	6.3	.0	2.8
21	8.5	1.4	5.3	8.1	.0	3.7
22	8.0	.8	4.2	--	--	--
23	9.0	.6	4.7	--	--	--
24	3.8	1.0	2.2	--	--	--
25	11.6	.7	6.4	--	--	--
26	8.4	1.9	5.2	--	--	--
27	4.9	.7	2.7	--	--	--
28	8.1	.2	4.4	--	--	--
29	8.8	1.3	4.8	--	--	--
30	9.0	.9	5.5	--	--	--
31	8.6	1.2	4.5	--	--	--

Table 10. Maximum, minimum, and daily mean water temperature for Canada Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Water temperature (°C)			Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	November 1991			December 1991			January 1992		
1	--	--	--	5.0	0.1	1.6	4.2	1.5	2.6
2	--	--	--	5.7	.1	1.8	8.0	1.7	4.8
3	--	--	--	2.3	.1	.7	5.7	1.2	3.2
4	--	--	--	6.2	.1	1.9	7.1	1.8	3.8
5	--	--	--	5.0	.1	1.8	9.3	1.7	5.1
6	--	--	--	6.5	.6	3.4	7.8	.1	4.8
7	--	--	--	7.4	.6	4.4	9.2	.0	4.3
8	--	--	--	8.3	.6	3.4	3.9	.1	1.9
9	--	--	--	8.3	.2	4.4	6.8	.0	2.3
10	--	--	--	7.4	.7	3.7	7.3	.0	3.3
11	--	--	--	7.6	.6	4.1	5.4	.0	1.6
12	--	--	--	7.0	1.2	3.9	3.7	.0	1.4
13	--	--	--	4.2	.5	2.5	6.6	.1	3.0
14	--	--	--	7.0	.5	3.7	7.7	.5	3.8
15	--	--	--	7.5	.4	4.1	7.6	.0	3.3
16	--	--	--	6.3	.0	2.6	8.7	.0	3.5
17	--	--	--	7.6	.2	3.7	7.3	.0	2.7
18	--	--	--	6.5	1.8	3.9	4.9	.6	2.7
19	--	--	--	8.3	.8	3.4	6.4	.0	2.3
20	--	--	--	4.0	.0	1.1	4.0	.3	1.8
21	--	--	--	8.8	.1	3.3	6.2	.1	2.8
22	--	--	--	9.8	.0	4.7	8.2	.1	3.4
23	--	--	--	8.5	.6	3.5	2.7	.0	1.2
24	--	--	--	3.5	1.0	2.3	--	--	--
25	--	--	--	5.0	.9	2.4	--	--	--
26	--	--	--	9.4	2.5	6.1	--	--	--
27	--	--	--	6.7	1.7	4.1	--	--	--
28	--	--	--	9.8	1.1	4.2	--	--	--
29	--	--	--	9.6	1.8	5.7	--	--	--
30	3.8	0.1	1.2	7.6	1.4	4.5	--	--	--
31	--	--	--	7.5	.6	3.6	--	--	--

Table 11. Maximum, minimum, and daily mean water temperature for Lost Seal Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; °C, degrees Celsius]

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1990			January 1991		
1	--	--	--	8.0	1.1	4.8
2	--	--	--	8.4	.3	4.4
3	--	--	--	5.9	.0	2.7
4	--	--	--	7.8	.9	3.8
5	--	--	--	8.8	.0	3.8
6	--	--	--	7.6	.0	2.7
7	--	--	--	7.4	.0	3.0
8	--	--	--	7.1	.2	3.5
9	--	--	--	5.0	.2	1.8
10	--	--	--	7.7	.0	3.6
11	--	--	--	7.7	.4	4.0
12	--	--	--	7.7	.7	4.1
13	11.1	0.2	4.8	6.1	.1	1.7
14	6.0	.1	2.5	.8	.1	.4
15	8.1	.7	4.0	2.6	.1	.9
16	4.8	.1	2.6	10.2	.3	4.3
17	9.3	.9	3.6	9.1	.2	4.2
18	7.6	.5	4.0	10.1	.1	4.5
19	6.8	.0	2.6	6.0	.3	2.3
20	9.0	1.3	4.5	3.7	.6	2.0
21	8.2	.7	4.5	5.8	.3	3.0
22	8.2	.5	4.2	--	--	--
23	9.8	.0	4.8	--	--	--
24	2.7	.0	1.3	--	--	--
25	10.2	.1	5.2	--	--	--
26	9.7	1.5	5.9	--	--	--
27	4.6	.5	2.4	--	--	--
28	6.8	.0	2.9	--	--	--
29	7.7	.3	3.3	--	--	--
30	8.3	1.3	4.7	--	--	--
31	8.4	1.0	4.5	--	--	--

Table 11. Maximum, minimum, and daily mean water temperature for Lost Seal Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	4.2	0.6	2.0
2	--	--	--	8.9	1.2	4.9
3	--	--	--	5.7	.4	2.8
4	--	--	--	6.7	.9	3.4
5	--	--	--	11.3	.7	5.6
6	--	--	--	7.4	.0	4.1
7	4.1	0.3	2.6	9.5	.0	4.1
8	6.2	.3	2.6	2.9	.0	1.2
9	8.0	.1	4.3	6.2	.0	1.9
10	7.5	.6	3.6	8.2	.0	3.6
11	7.0	.5	3.8	2.7	.0	1.1
12	7.6	1.0	4.0	3.5	.0	1.6
13	4.0	.1	2.0	6.1	.0	1.9
14	5.4	.1	2.6	7.5	.0	2.7
15	7.2	.2	3.3	6.7	.0	2.3
16	6.0	.1	2.2	8.3	.0	2.8
17	7.0	.1	3.1	6.4	.0	2.0
18	4.8	.6	2.9	5.0	.0	2.3
19	8.4	.3	2.6	7.7	.0	2.5
20	2.2	.0	.7	4.1	.2	1.9
21	6.1	.1	2.8	6.2	.0	2.3
22	10.5	.0	4.2	6.9	.0	2.6
23	6.9	.1	2.6	4.9	.0	.9
24	2.8	.7	1.9	--	--	--
25	4.6	.4	1.7	--	--	--
26	10.8	1.6	5.9	--	--	--
27	6.1	.9	3.4	--	--	--
28	8.4	.2	3.5	--	--	--
29	9.5	1.2	5.4	--	--	--
30	8.0	1.1	4.4	--	--	--
31	6.5	.3	2.9	--	--	--

Table 12. Maximum, minimum, and daily mean water temperature for Aiken Creek in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; °C, degrees Celsius]

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1990			January 1991		
1	--	--	--	10.3	3.4	7.1
2	--	--	--	10.1	4.0	7.2
3	--	--	--	8.2	3.4	5.3
4	--	--	--	10.0	3.4	6.0
5	--	--	--	11.7	1.9	6.7
6	--	--	--	8.7	1.5	5.0
7	--	--	--	12.3	.6	6.0
8	--	--	--	11.0	1.8	6.5
9	9.8	0.3	3.9	6.7	1.1	3.6
10	8.8	.0	3.8	11.5	.0	5.8
11	9.9	.5	5.5	10.9	1.7	6.7
12	8.8	.3	4.0	10.7	3.5	6.7
13	12.5	.1	5.5	8.3	.0	3.6
14	7.9	.0	3.3	3.1	.0	1.0
15	11.5	.7	5.6	--	--	--
16	10.1	.7	4.5	--	--	--
17	14.1	.9	6.7	11.3	.0	5.2
18	7.9	1.8	4.9	10.7	.0	5.5
19	7.3	.7	3.6	10.3	.3	5.5
20	11.4	2.3	6.2	10.2	.0	3.8
21	10.7	1.9	6.4	9.4	.3	5.6
22	10.6	1.5	5.6	--	--	--
23	11.2	1.3	6.4	--	--	--
24	3.7	.2	2.2	--	--	--
25	12.5	.0	7.0	--	--	--
26	11.0	2.9	7.2	--	--	--
27	6.8	2.7	4.5	--	--	--
28	10.3	.6	5.1	--	--	--
29	10.9	.7	4.7	--	--	--
30	11.2	1.7	7.0	--	--	--
31	11.0	3.1	6.9	--	--	--

Table 12. Maximum, minimum, and daily mean water temperature for Aiken Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	4.6	2.1	3.0
2	--	--	--	10.4	2.0	6.1
3	--	--	--	6.9	3.3	5.1
4	--	--	--	8.1	2.5	4.6
5	--	--	--	11.7	2.2	6.9
6	--	--	--	7.6	.9	5.1
7	--	--	--	9.7	.7	5.5
8	7.5	3.5	3.3	4.9	.8	3.3
9	7.4	.9	4.3	4.7	.0	1.8
10	8.0	2.7	4.8	10.2	.0	4.7
11	9.4	2.2	5.7	3.8	.1	1.6
12	7.8	3.6	5.5	5.4	.2	2.3
13	4.4	1.1	3.3	--	--	--
14	9.1	.9	4.6	--	--	--
15	8.7	2.1	5.0	--	--	--
16	7.4	1.6	3.9	--	--	--
17	10.0	1.3	5.3	8.2	.2	3.0
18	6.5	2.4	4.3	6.1	.7	3.3
19	11.4	1.0	4.1	--	--	--
20	2.5	.1	1.2	--	--	--
21	4.2	.1	1.5	--	--	--
22	8.8	.0	2.5	--	--	--
23	4.9	.3	2.2	--	--	--
24	2.5	.5	1.8	--	--	--
25	3.9	.3	1.9	--	--	--
26	11.0	3.8	6.1	--	--	--
27	6.4	2.6	4.5	--	--	--
28	8.7	1.4	4.6	--	--	--
29	10.4	2.3	6.4	--	--	--
30	7.9	3.6	5.9	--	--	--
31	6.9	3.5	4.7	--	--	--

Table 13. Maximum, minimum, and daily mean water temperature for Von Guerard Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; °C, degrees Celsius]

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1990			January 1991		
1	--	--	--	13.1	1.8	7.0
2	--	--	--	12.1	1.8	7.3
3	--	--	--	13.1	1.8	7.5
4	--	--	--	9.7	.9	4.7
5	--	--	--	12.4	2.5	6.9
6	--	--	--	12.6	.0	6.3
7	--	--	--	8.0	.6	4.1
8	7.5	0.0	2.0	11.9	.7	5.6
9	--	--	--	11.4	.0	6.0
10	--	--	--	5.0	.0	1.9
11	9.5	.0	4.7	11.1	.0	4.9
12	8.9	.0	3.5	11.3	1.1	6.1
13	12.6	.0	5.2	11.6	.6	5.7
14	7.0	.0	2.8	9.1	.0	2.3
15	10.4	.5	4.9	--	--	--
16	9.6	.4	3.9	7.8	.0	2.1
17	14.3	.5	6.7	10.7	.0	4.3
18	--	--	--	10.0	.0	4.9
19	--	--	--	10.2	.0	5.1
20	8.4	.0	3.6	9.9	.0	3.3
21	12.8	2.1	6.8	--	--	--
22	11.9	1.5	6.6	--	--	--
23	11.8	1.0	5.6	--	--	--
24	12.3	.7	6.5	--	--	--
25	3.2	.0	1.6	--	--	--
26	12.5	.0	6.8	--	--	--
27	12.7	2.4	7.7	--	--	--
28	6.7	1.8	4.0	--	--	--
29	10.7	.0	5.0	--	--	--
30	11.0	.0	4.4	--	--	--
31	12.3	1.3	7.2	--	--	--

Table 13. Maximum, minimum, and daily mean water temperature for Von Guerard Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	4.9	1.6	2.8
2	2.0	1.8	1.9	12.1	2.1	7.0
3	2.4	1.8	2.0	7.2	1.9	4.2
4	2.4	1.8	2.0	8.5	1.5	4.1
5	2.5	.0	1.3	12.2	1.4	6.9
6	2.1	.1	1.0	9.5	.2	5.2
7	3.9	.1	1.9	11.0	.1	5.5
8	6.3	.1	2.5	5.6	.1	2.4
9	8.3	.1	4.3	7.0	.1	2.3
10	8.9	.7	4.2	9.4	.1	4.3
11	9.6	.8	5.0	3.3	.1	1.5
12	8.6	1.9	5.2	--	--	--
13	4.1	.5	2.8	9.6	.1	3.6
14	8.1	.2	4.0	8.9	.1	3.9
15	9.7	1.0	4.8	7.3	.1	3.1
16	7.5	.1	2.9	8.8	.1	3.4
17	9.0	.1	4.2	7.1	.1	2.2
18	6.1	1.4	3.6	4.6	.2	2.5
19	10.3	.6	3.4	7.7	.1	2.7
20	2.0	.1	.8	4.2	.2	2.0
21	8.7	.1	4.0	--	--	--
22	10.7	.1	5.0	--	--	--
23	7.2	.1	2.7	--	--	--
24	2.3	.8	1.7	--	--	--
25	4.9	.2	2.3	--	--	--
26	11.7	2.6	7.1	--	--	--
27	7.7	2.2	4.7	--	--	--
28	10.3	.5	4.8	--	--	--
29	14.0	2.1	7.6	--	--	--
30	11.9	2.3	6.9	--	--	--
31	8.5	1.9	4.6	--	--	--

Table 14. Maximum, minimum, and daily mean water temperature for Crescent Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; °C, degrees Celsius]

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	4.7	1.7	2.8
2	--	--	--	11.3	2.0	6.8
3	--	--	--	6.9	2.0	4.0
4	--	--	--	8.3	1.6	3.9
5	--	--	--	11.1	1.4	6.1
6	--	--	--	8.1	.0	4.6
7	10.5	0.0	5.6	11.1	.1	5.5
8	8.9	.1	3.3	5.8	.1	2.3
9	10.8	.0	5.6	6.6	.0	2.2
10	10.3	1.0	5.0	8.4	.0	3.8
11	9.8	1.3	5.7	2.9	.1	1.4
12	9.2	2.3	5.5	--	--	--
13	4.5	.4	2.9	--	--	--
14	8.0	.2	3.9	7.4	.1	3.6
15	9.5	1.0	4.8	6.2	.0	2.4
16	7.0	.1	2.8	8.8	.1	3.1
17	7.8	.1	3.7	7.9	.1	2.3
18	5.8	1.5	3.4	4.3	.2	2.3
19	8.8	.6	3.1	8.1	.0	2.6
20	1.8	.1	.7	3.9	.2	1.9
21	6.7	.1	3.0	--	--	--
22	8.2	1.5	4.7	--	--	--
23	5.3	.1	2.2	--	--	--
24	2.1	.8	1.6	--	--	--
25	4.0	.3	1.9	--	--	--
26	10.0	2.5	6.1	--	--	--
27	6.8	1.9	4.2	--	--	--
28	8.9	.7	4.2	--	--	--
29	13.4	1.9	6.9	--	--	--
30	11.2	2.4	6.9	--	--	--
31	8.9	2.1	4.7	--	--	--

Table 15. Maximum, minimum, and daily mean water temperature for Delta Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; °C, degrees Celsius]

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Meximum	Minimum	Mean
	December 1990			January 1991		
1	--	--	--	11.7	2.1	6.8
2	--	--	--	12.1	2.2	6.5
3	--	--	--	6.8	1.1	4.1
4	--	--	--	11.0	2.4	5.9
5	--	--	--	12.6	.4	6.1
6	--	--	--	9.0	1.4	4.7
7	--	--	--	11.7	.5	5.7
8	--	--	--	11.2	.9	6.3
9	--	--	--	4.1	.1	1.9
10	--	--	--	10.9	.0	4.9
11	--	--	--	11.0	1.6	6.3
12	5.9	0.0	3.3	10.9	1.2	5.8
13	10.4	.0	3.3	8.4	.8	5.6
14	7.2	.0	2.6	8.5	.0	5.8
15	--	--	--	2.9	.0	.8
16	10.7	1.0	4.6	7.3	.0	2.3
17	11.7	1.2	5.7	9.7	.0	4.4
18	9.8	1.0	4.7	10.6	.0	5.3
19	7.4	.3	3.0	10.4	.5	5.4
20	12.1	2.0	6.4	8.4	.5	3.0
21	11.2	1.6	6.2	8.1	.0	4.6
22	11.3	.9	5.3	--	--	--
23	11.5	.7	5.9	--	--	--
24	3.3	.5	1.9	--	--	--
25	12.1	.0	6.5	--	--	--
26	12.2	2.9	7.7	--	--	--
27	6.1	2.3	3.9	--	--	--
28	9.1	.0	4.4	--	--	--
29	10.0	.8	4.7	--	--	--
30	12.2	1.0	7.0	--	--	--
31	13.2	2.0	6.9	--	--	--

Table 15. Maximum, minimum, and daily mean water temperature for Delta Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	4.3	1.7	2.8
2	--	--	--	12.0	2.1	6.8
3	--	--	--	7.0	1.9	4.0
4	--	--	--	7.9	1.8	4.0
5	--	--	--	11.5	1.6	6.3
6	--	--	--	8.5	.0	4.7
7	--	--	--	11.3	.0	5.1
8	5.8	0.0	2.5	5.2	.3	2.2
9	9.8	.0	4.6	7.0	.0	2.5
10	10.3	.3	4.7	8.6	.0	3.9
11	10.3	1.1	5.6	4.1	.0	1.8
12	9.0	2.0	5.2	4.3	.0	1.6
13	4.8	.4	2.9	8.1	.0	3.1
14	8.7	.1	4.0	7.4	.5	3.8
15	10.5	1.0	5.0	6.6	.1	2.6
16	7.4	.0	2.9	9.2	.0	3.0
17	7.9	.0	3.7	7.3	.0	2.5
18	7.9	1.6	4.0	4.3	.6	2.4
19	--	--	--	7.7	.0	2.8
20	--	--	--	4.4	.5	2.2
21	--	--	--	6.2	.2	3.0
22	9.7	.0	4.8	7.8	.0	3.4
23	9.2	.4	4.9	5.3	.0	1.5
24	5.0	1.0	3.2	--	--	--
25	4.8	.8	2.5	--	--	--
26	11.5	2.7	7.2	--	--	--
27	8.5	2.2	4.9	--	--	--
28	9.4	1.1	4.5	--	--	--
29	14.0	1.8	7.5	--	--	--
30	11.9	2.4	6.9	--	--	--
31	9.0	2.2	4.8	--	--	--

Table 16. Maximum, minimum, and daily mean water temperature for Green Creek in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; °C, degrees Celsius]

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1990			January 1991		
1	4.1	0.0	1.1	8.2	0.9	4.5
2	4.7	.0	1.5	9.5	.6	4.3
3	6.9	.0	2.2	7.1	.2	3.7
4	8.0	.0	3.3	10.3	2.3	5.0
5	9.2	.1	4.4	11.9	.1	4.7
6	10.1	.1	4.6	7.7	.8	4.1
7	8.4	.1	3.8	12.3	.2	5.5
8	--	--	--	9.7	.9	5.2
9	12.2	.6	5.0	4.5	.6	1.9
10	9.0	.1	4.3	11.0	.3	5.0
11	11.2	1.5	6.1	9.3	1.1	5.2
12	6.2	.7	3.6	8.9	.8	4.4
13	9.6	.5	4.3	7.6	.0	2.2
14	8.7	.0	2.9	2.5	.3	1.0
15	8.9	.8	4.6	6.3	.3	2.3
16	8.0	.3	3.3	10.3	.4	4.8
17	9.2	.2	4.0	10.2	.1	5.1
18	8.1	.0	3.3	10.3	.6	5.0
19	6.6	.0	2.2	7.2	.7	2.9
20	11.0	1.9	6.0	8.7	.6	4.8
21	8.3	.7	4.6	10.8	--	--
22	8.0	.5	4.0	--	--	--
23	10.6	.2	4.9	--	--	--
24	3.8	.8	2.0	--	--	--
25	11.9	.4	6.2	--	--	--
26	8.2	1.7	5.0	--	--	--
27	6.0	1.2	3.2	--	--	--
28	9.5	.2	4.3	--	--	--
29	9.3	.5	4.2	--	--	--
30	9.8	.4	5.2	--	--	--
31	8.5	1.3	4.5	--	--	--

Table 16. Maximum, minimum, and daily mean water temperature for Green Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Water temperature (°C)			Water temperature (°C)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	4.8	1.9	3.2
2	--	--	--	10.5	2.1	5.8
3	--	--	--	7.2	1.3	3.9
4	--	--	--	8.4	2.0	4.5
5	--	--	--	11.7	2.1	6.0
6	--	--	--	7.8	.8	4.6
7	10.8	1.8	6.4	11.3	.8	5.0
8	11.1	1.3	4.9	5.3	1.0	2.6
9	12.0	.8	6.3	8.6	.7	3.4
10	10.0	1.4	5.3	9.6	.7	4.7
11	11.6	1.8	6.4	6.3	.8	2.7
12	7.2	2.1	4.0	5.6	.8	2.7
13	4.9	1.2	3.0	6.5	.8	3.3
14	10.3	1.0	4.8	9.2	1.2	4.9
15	8.9	1.0	4.7	5.5	.8	3.2
16	8.6	.7	3.6	10.7	.9	4.0
17	9.4	.8	4.9	8.6	.7	3.6
18	7.3	2.4	4.6	5.1	1.6	3.2
19	10.5	1.7	4.5	6.9	.9	3.2
20	5.3	.6	1.9	5.1	1.6	3.0
21	10.7	.7	4.3	6.6	1.2	3.7
22	11.1	.6	5.6	9.0	1.0	4.3
23	8.2	.9	3.6	5.0	1.0	2.4
24	3.9	1.5	2.7	--	--	--
25	5.6	1.4	3.1	--	--	--
26	11.5	1.9	6.6	--	--	--
27	7.0	1.9	4.0	--	--	--
28	9.9	1.2	4.4	--	--	--
29	10.2	2.1	5.8	--	--	--
30	7.9	1.9	4.7	--	--	--
31	8.3	1.4	4.2	--	--	--

Table 17. Maximum, minimum, and daily mean specific conductance for Canada Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; µS/cm, microsiemens per centimeter at 25 degrees Celsius]

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1990			January 1991		
1	--	--	--	19	14	17
2	--	--	--	19	17	18
3	--	--	--	23	19	21
4	53	19	37	23	18	21
5	32	18	23	23	18	20
6	24	19	21	21	18	19
7	27	19	23	32	18	20
8	31	20	26	--	--	--
9	31	21	26	22	16	19
10	27	22	25	24	18	21
11	27	22	24	20	18	19
12	27	22	25	20	16	18
13	27	21	24	20	16	17
14	28	23	26	22	16	19
15	26	22	25	27	19	22
16	25	20	22	26	19	22
17	24	12	21	24	18	21
18	20	18	19	23	18	20
19	18	16	18	21	18	19
20	21	14	18	25	18	21
21	18	15	17	25	20	22
22	18	13	15	--	--	--
23	19	13	16	--	--	--
24	15	13	14	--	--	--
25	19	13	16	--	--	--
26	16	11	13	--	--	--
27	19	14	16	--	--	--
28	19	18	19	--	--	--
29	25	18	20	--	--	--
30	30	20	23	--	--	--
31	23	15	20	--	--	--

Table 17. Maximum, minimum, and daily mean specific conductance for Canada Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)			Day of month	Specific conductance (µS/cm)	
	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	November 1991			December 1991			January 1992		
1	--	--	--	64	42	52	35	27	30
2	--	--	--	56	42	49	36	23	29
3	--	--	--	51	40	46	28	22	25
4	--	--	--	63	41	49	30	27	28
5	--	--	--	57	42	49	30	25	27
6	--	--	--	57	49	52	30	23	26
7	--	--	--	59	45	51	34	24	29
8	--	--	--	48	38	43	29	26	28
9	--	--	--	40	28	34	36	30	33
10	--	--	--	29	22	26	48	34	38
11	--	--	--	23	20	22	47	37	41
12	--	--	--	21	19	19	50	34	43
13	--	--	--	20	17	18	51	38	44
14	--	--	--	23	18	20	43	33	38
15	--	--	--	23	17	20	40	29	34
16	--	--	--	19	16	18	39	28	33
17	--	--	--	24	18	20	37	29	34
18	--	--	--	28	22	24	41	36	38
19	--	--	--	29	24	26	40	35	38
20	--	--	--	30	24	27	42	38	39
21	--	--	--	32	27	29	46	40	42
22	--	--	--	30	24	27	47	35	41
23	--	--	--	30	28	29	42	37	38
24	--	--	--	35	27	30	45	38	41
25	--	--	--	37	30	32	--	--	--
26	--	--	--	37	24	30	--	--	--
27	--	--	--	27	22	25	--	--	--
28	--	--	--	29	26	27	--	--	--
29	--	--	--	30	22	26	--	--	--
30	58	41	52	28	21	24	--	--	--
31	--	--	--	29	24	27	--	--	--

Table 18. Maximum, minimum, and daily mean specific conductance for Lost Seal Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; µS/cm, microsiemens per centimeter at 25 degrees Celsius]

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1990			January 1991		
1	--	--	--	72	56	67
2	--	--	--	70	59	68
3	--	--	--	74	60	68
4	--	--	--	95	60	79
5	--	--	--	--	--	--
6	--	--	--	89	56	77
7	--	--	--	128	70	97
8	--	--	--	95	64	83
9	--	--	--	128	70	97
10	--	--	--	216	83	130
11	--	--	--	156	67	112
12	--	--	--	99	67	80
13	63	40	54	161	78	106
14	84	63	75	--	--	--
15	75	54	65	--	--	--
16	--	--	--	491	99	204
17	--	--	--	346	75	117
18	--	--	--	271	74	111
19	--	--	--	246	78	110
20	--	--	--	193	97	129
21	--	--	--	204	70	112
22	--	--	--	--	--	--
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	--	--	--
26	--	--	--	--	--	--
27	89	32	54	--	--	--
28	66	26	35	--	--	--
29	36	29	31	--	--	--
30	75	33	48	--	--	--
31	86	58	72	--	--	--

Table 18. Maximum, minimum, and daily mean specific conductance for Lost Seal Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	--	--	--
2	--	--	--	--	--	--
3	--	--	--	--	--	--
4	--	--	--	--	--	--
5	--	--	--	--	--	--
6	--	--	--	--	--	--
7	205	91	155	--	--	--
8	92	63	82	--	--	--
9	85	37	63	--	--	--
10	60	43	52	105	54	70
11	44	28	37	75	50	60
12	38	29	33	102	98	100
13	60	31	44	110	59	83
14	76	40	61	103	45	63
15	51	34	42	77	46	57
16	64	32	51	86	50	65
17	68	46	50	--	--	--
18	38	30	33	--	--	--
19	37	29	33	--	--	--
20	45	33	39	--	--	--
21	59	45	50	--	--	--
22	64	33	50	--	--	--
23	48	35	40	--	--	--
24	48	37	41	--	--	--
25	52	46	48	--	--	--
26	53	23	41	--	--	--
27	50	23	34	--	--	--
28	71	43	53	--	--	--
29	--	--	--	--	--	--
30	--	--	--	--	--	--
31	--	--	--	--	--	--

Table 19. Maximum, minimum, and daily mean specific conductance for Aiken Creek in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; µS/cm, microsiemens per centimeter at 25 degrees Celsius]

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1990			January 1991		
1	--	--	--	117	107	110
2	--	--	--	115	103	106
3	--	--	--	107	96	101
4	--	--	--	108	96	100
5	--	--	--	127	93	105
6	--	--	--	121	103	110
7	--	--	--	130	113	119
8	--	--	--	139	119	129
9	240	167	197	125	115	121
10	180	156	164	131	115	123
11	173	148	159	129	115	119
12	157	141	147	120	108	113
13	168	145	156	116	108	112
14	178	155	166	122	109	116
15	205	178	191	--	--	--
16	193	174	179	--	--	--
17	189	171	180	154	130	140
18	194	123	160	140	129	134
19	122	109	117	137	125	131
20	118	106	111	137	125	131
21	126	113	120	144	137	141
22	139	121	127	--	--	--
23	136	124	129	--	--	--
24	136	128	132	--	--	--
25	145	131	138	--	--	--
26	136	121	131	--	--	--
27	121	115	117	--	--	--
28	123	115	118	--	--	--
29	124	113	119	--	--	--
30	131	113	118	--	--	--
31	117	111	114	--	--	--

Table 19. Maximum, minimum, and daily mean specific conductance for Aiken Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	91	84	88
2	--	--	--	92	80	88
3	--	--	--	90	82	85
4	--	--	--	91	84	86
5	--	--	--	98	86	91
6	--	--	--	94	87	91
7	--	--	--	105	93	97
8	160	98	142	102	92	97
9	139	98	119	113	102	105
10	97	64	74	120	105	111
11	73	60	66	123	107	113
12	87	67	75	135	106	117
13	92	67	80	--	--	--
14	93	85	90	--	--	--
15	91	79	86	--	--	--
16	127	77	96	--	--	--
17	109	101	104	179	119	139
18	106	96	100	147	133	140
19	103	89	96	--	--	--
20	--	--	--	--	--	--
21	--	--	--	--	--	--
22	--	--	--	--	--	--
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	--	--	--
26	--	--	--	--	--	--
27	96	80	85	--	--	--
28	81	77	79	--	--	--
29	84	74	78	--	--	--
30	83	72	76	--	--	--
31	91	74	84	--	--	--

Table 20. Maximum, minimum, and daily mean specific conductance for Von Guerard Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; µS/cm, microsiemens per centimeter at 25 degrees Celsius]

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Meximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	--	--	--
2	213	164	171	--	--	--
3	176	125	155	--	--	--
4	136	107	127	114	105	109
5	136	109	123	131	102	117
6	136	105	126	--	--	--
7	126	77	117	--	--	--
8	114	78	103	--	--	--
9	--	--	--	128	118	121
10	--	--	--	140	120	128
11	--	--	--	128	105	110
12	--	--	--	--	--	--
13	--	--	--	--	--	--
14	--	--	--	--	--	--
15	--	--	--	--	--	--
16	113	95	100	--	--	--
17	115	81	102	--	--	--
18	106	81	98	--	--	--
19	113	103	107	--	--	--
20	117	83	107	--	--	--
21	129	103	117	--	--	--
22	127	86	117	--	--	--
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	--	--	--
26	122	101	116	--	--	--
27	116	97	107	--	--	--
28	115	98	105	--	--	--
29	--	--	--	--	--	--
30	--	--	--	--	--	--
31	--	--	--	--	--	--

Table 21. Maximum, minimum, and daily mean specific conductance for Crescent Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; µS/cm, microsiemens per centimeter at 25 degrees Celsius]

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	86	77	81
2	--	--	--	94	72	85
3	--	--	--	85	74	80
4	--	--	--	93	85	89
5	--	--	--	101	82	93
6	--	--	--	104	82	90
7	--	--	--	98	75	90
8	210	182	194	75	63	69
9	197	145	186	157	72	107
10	163	52	141	161	150	155
11	77	41	57	172	155	159
12	85	70	77	--	--	--
13	85	70	81	--	--	--
14	94	83	89	179	164	173
15	91	70	85	186	117	170
16	149	70	109	184	122	155
17	154	119	144	166	116	146
18	154	145	149	157	145	151
19	159	152	154	166	156	161
20	173	153	161	168	160	164
21	181	156	172	--	--	--
22	192	159	180	--	--	--
23	171	158	165	--	--	--
24	175	160	167	--	--	--
25	172	160	166	--	--	--
26	206	147	170	--	--	--
27	160	149	153	--	--	--
28	157	132	146	--	--	--
29	147	90	129	--	--	--
30	124	64	103	--	--	--
31	81	70	78	--	--	--

Table 22. Maximum, minimum, and daily mean specific conductance for Delta Stream in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; µS/cm, microsiemens per centimeter at 25 degrees Celsius]

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1990			January 1991		
1	--	--	--	152	121	140
2	--	--	--	152	121	138
3	--	--	--	157	126	145
4	--	--	--	175	157	161
5	--	--	--	178	152	167
6	--	--	--	167	152	160
7	--	--	--	184	157	170
8	--	--	--	170	142	160
9	--	--	--	165	142	156
10	--	--	--	188	118	158
11	--	--	--	175	135	160
12	145	116	133	165	130	150
13	152	140	147	158	136	153
14	157	144	150	165	138	157
15	164	153	158	178	154	169
16	161	157	158	190	171	181
17	157	112	149	207	188	195
18	130	110	124	220	206	210
19	140	112	127	217	196	210
20	146	138	143	217	192	205
21	146	125	139	223	217	218
22	152	125	138	--	--	--
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	--	--	--
26	--	--	--	--	--	--
27	138	110	124	--	--	--
28	152	117	138	--	--	--
29	157	149	154	--	--	--
30	163	121	144	--	--	--
31	150	125	141	--	--	--

Table 22. Maximum, minimum, and daily mean specific conductance for Delta Stream in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	--	--	--
2	--	--	--	--	--	--
3	--	--	--	--	--	--
4	--	--	--	159	148	153
5	--	--	--	169	147	160
6	--	--	--	173	144	156
7	325	190	245	168	116	152
8	--	--	--	149	116	137
9	--	--	--	174	141	157
10	--	--	--	170	158	166
11	--	--	--	--	--	--
12	--	--	--	--	--	--
13	--	--	--	--	--	--
14	--	--	--	--	--	--
15	--	--	--	--	--	--
16	--	--	--	--	--	--
17	127	108	118	--	--	--
18	129	113	122	--	--	--
19	--	--	--	--	--	--
20	--	--	--	--	--	--
21	--	--	--	--	--	--
22	--	--	--	--	--	--
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	--	--	--
26	--	--	--	--	--	--
27	--	--	--	--	--	--
28	--	--	--	--	--	--
29	--	--	--	--	--	--
30	--	--	--	--	--	--
31	--	--	--	--	--	--

Table 23. Maximum, minimum, and daily mean specific conductance for Green Creek in the lower Taylor Valley, Victoria Land, Antarctica

[Dashes indicate no data; µS/cm, microsiemens per centimeter at 25 degrees Celsius]

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1990			January 1991		
1	31	20	26	35	25	28
2	41	24	31	30	25	26
3	45	26	35	32	28	30
4	43	28	36	32	28	29
5	45	28	36	34	27	30
6	45	35	39	36	32	34
7	45	33	39	36	34	35
8	--	--	--	40	34	36
9	43	36	41	42	39	40
10	37	32	35	46	37	40
11	36	26	32	40	34	37
12	36	22	27	45	37	40
13	36	26	34	54	42	46
14	28	22	23	54	39	47
15	26	22	24	--	--	--
16	23	22	22	54	46	49
17	23	20	21	50	43	47
18	23	22	22	47	42	45
19	27	23	26	50	46	48
20	27	23	25	51	47	50
21	30	25	27	54	47	49
22	29	22	25	--	--	--
23	34	24	25	--	--	--
24	34	31	33	--	--	--
25	33	27	30	--	--	--
26	36	28	33	--	--	--
27	30	27	28	--	--	--
28	30	25	28	--	--	--
29	27	25	26	--	--	--
30	27	25	25	--	--	--
31	31	22	25	--	--	--

Table 23. Maximum, minimum, and daily mean specific conductance for Green Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Day of month	Specific conductance (µS/cm)			Specific conductance (µS/cm)		
	Maximum	Minimum	Mean	Maximum	Minimum	Mean
	December 1991			January 1992		
1	--	--	--	35	32	34
2	--	--	--	37	32	34
3	--	--	--	37	35	36
4	--	--	--	38	36	37
5	--	--	--	38	35	37
6	--	--	--	44	38	42
7	139	85	124	49	31	43
8	85	53	69	49	43	46
9	55	40	48	49	45	45
10	43	29	37	49	41	45
11	32	20	28	50	41	43
12	41	19	29	49	34	42
13	39	35	36	67	39	52
14	39	33	36	45	38	41
15	36	33	35	51	39	45
16	36	23	29	69	45	53
17	25	19	22	56	44	52
18	22	19	21	56	52	53
19	26	22	24	58	50	54
20	31	26	28	58	53	56
21	36	31	33	63	56	58
22	39	34	36	63	56	60
23	41	36	38	64	58	60
24	46	39	42	67	56	60
25	52	42	46	--	--	--
26	53	42	47	--	--	--
27	52	39	46	--	--	--
28	40	36	38	--	--	--
29	39	32	35	--	--	--
30	40	34	37	--	--	--
31	37	33	35	--	--	--

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Harnish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica

[m^3/s, cubic meters per second; °C, degrees Celsius; µS/cm, microsiemens per centimeter at 25 degrees Celsius; -- indicate no data; e, estimate]

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		Canada Stream (Site 1)	
12–11–90	0.146	8.2	25
12–17–90	.252	5.3	20
12–19–90	--	2.4	18
12–23–90	.096	3.0	15
12–29–90	.205	6.9	19
12–31–90	.546	5.8	17
01–11–91	.246	7.7	18
01–17–91	.119	7.1	19
01–22–91	.014	1.7	19
11–18–91	.019	.1	52
11–22–91	.045	.1	43
11–23–91	.008	.1	42
11–28–91	.016	3.3	40
12–02–91	.011	5.3	48
12–06–91	.049	6.2	--
12–13–91	.090	3.6	19
12–27–91	.114	5.1	27
01–15–91	.108	7.2	29

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Harnish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		Huey Creek (Site 2)	
12–10–90	0.010	0.0	96
12–15–90	--	3.5	115
12–16–90	--	1.3	105
12–20–90	--	.9	153
12–21–90	--	.1	95
12–23–90	.113	2.7	77
12–24–90	--	1.8	123
12–26–90	.082	1.5	82
12–28–90	.147	.1	126
12–29–90	.100	2.8	92
12–31–90	.238	3.3	93
01–01–91	.279	3.0	120
01–06–91	.119	2.8	121
01–11–91	.231	2.7	131
12–07–91	.040	.3	112
12–10–91	.262	.1	87
12–13–91	--	2.5	110

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Harnish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		Lost Seal Stream (Site 3)	
12–12–90	0.069	1.2	54
12–16–90	.128	1.3	57
12–18–90	.349	5.7	62
12–22–90	.103	3.3	67
12–27–90	.157	4.4	89
12–30–90	.281	3.1	57
01–02–91	--	.5	61
01–07–91	.320	2.2	80
01–12–91	--	2.3	73
01–15–91	.009	.9	258
01–18–91	--	9.0	172
01–21–91	.037	2.4	--
12–06–91	.024	2.8	242
12–09–91	.010	8.0	78
12–10–91	.345	1.7	40
12–16–91	.191	2.0	46
12–27–91	.143	1.3	39
01–09–92	.305	2.8	85
01–16–92	.074	7.6	72
01–24–92	--	1.5	101

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Harnish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		McKnight Creek (Site 4)	
11–03–90	0.000	--	--
11–23–90	.000	--	--
11–27–90	e.003	--	--
11–28–90	.002	--	160
12–01–90	.000	--	--
12–03–90	.000	--	--
12–07–90	.000	--	--
12–11–90	e.003	--	--
12–12–90	.024	--	173
12–16–90	.076	2.6	102
12–18–90	.108	--	88
12–22–90	.042	8.0	101
12–27–90	.031	6.0	74
12–30–90	.094	7.0	75
01–02–91	.163	3.0	55
01–07–91	e.071	--	89
01–12–91	.107	5.8	86
01–15–91	e.011	1.3	116
01–18–91	.014	10.6	114
01–21–91	.013	3.4	145
01–25–91	e.003	--	--
11–04–91	.000	--	--
12–05–91	.000	--	--
12–06–91	.023	2.5	35
12–09–91	.262	12.3	90
12–10–91	e.250	--	--
12–16–91	.070	4.6	69
12–27–91	.134	3.0	59
01–02–92	.102	--	--
01–09–91	.003	3.1	45
01–16–92	e.008	--	--
01–24–92	.000	--	--

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Harnish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		Aiken Creek (Site 5)	
12–12–90	0.016	4.6	--
12–16–90	--	1.7	175
12–18–90	.142	6.5	150
12–22–90	.079	10.0	133
12–27–90	--	5.7	120
12–30–90	--	7.0	116
01–01–91	.301	6.3	112
01–07–91	--	7.8	130
01–12–91	.181	7.2	120
01–15–91	--	2.6	145
01–18–91	--	10.1	140
01–21–91	--	2.6	144
12–09–91	.229	7.1	122
12–10–91	.271	5.0	71
12–16–91	.055	6.5	114
12–27–91	.311	3.8	96
01–09–92	--	4.3	106
01–24–92	.001	2.2	181

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Harnish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		Von Guerard Stream (Site 6)	
12–12–90	0.011	4.7	--
12–16–90	.036	2.8	121
12–18–90	.016	6.9	102
12–22–90	.014	9.7	105
12–27–90	.022	5.3	--
12–28–90	--	2.2	91
12–30-90	.221	7.8	73
01–02–91	.204	10.1	73
01–07–91	.025	7.8	75
01–12–91	.249	9.7	76
01–15–91	.010	2.8	--
01–18–91	.007	9.6	121
01–21–91	.001	7.2	149
12–05–91	.002	2.1	124
12–07–91	.010	.2	126
12–09–91	.150	5.0	90
12–16–91	.007	7.1	113
12–26–91	.059	4.6	114
01–09–92	.002	6.9	128
01–16–92	.004	8.8	125
01–24–94	--	1.9	205

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Harnish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		Harnish Creek (Site 7)	
11–23–90	0.000	--	--
12–11–90	.000	--	--
12–18–90	.006	6.5	271
12–22–90	.019	10.3	240
12–27–90	.013	5.1	206
12–30–90	.014	7.6	214
01–02–91	.099	9.1	183
01–07–91	.010	7.5	211
01–12–91	e.014	9.8	163
01–15–91	.003	2.7	213
01–18–91	.010	10.0	225
11–08–91	.000	--	--
12–09–91	.000	--	--
12–16–91	.007	4.5	--
12–26–91	.001	8.0	--
01–02–92	.006	--	--
01–09–92	e.0003	--	--
01–16–92	.000	--	--
01–24–92	.000	--	--

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Harnish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		Crescent Stream (Site 8)	
12–08–90	0.016	0.1	170
12–11–90	.004	8.9	179
12–19–90	.018	4.8	135
12–26–90	.282	9.5	111
12–30–90	.232	9.6	123
01–02–91	.237	8.1	132
01–07–91	.040	9.6	186
01–12–91	--	10.2	150
01–15–91	.013	3.2	156
01–18–91	--	8.3	161
01–21–91	.001	7.6	169
12–07–91	.069	1.9	208
12–08–91	.003	6.6	210
12–09–91	.104	3.9	157
12–16–91	.014	7.0	149
12–26–91	.039	6.3	167
01–09–92	.005	6.6	157
01–16–92	.008	7.7	169

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Hamish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		Delta Stream (Site 9)	
12–11–90	0.084	0.0	145
12–15–94	.004	6.3	--
12–19–90	.031	4.3	138
12–26–90	.169	11.6	130
12–30–90	.016	11.0	161
01–02–91	.133	10.8	150
01–07–91	.014	11.6	178
01–12–91	.031	10.4	164
01–18–91	.012	6.7	209
01–21–91	.002	6.7	210
12–07–91	.117	2.1	190
12–08–91	.062	4.6	146
12–16–91	.024	4.6	120
12–26–91	.002	9.9	187
01–09–92	.001	6.1	174
01–16–92	.002	5.5	201

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Harnish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		Green Creek (Site 10)	
12-11-90	0.041	10.2	34
12-19-90	.037	2.6	26
12-23-90	--	1.8	32
12-26-90	.187	7.3	35
12-30-90	.208	8.8	26
01-02-91	.231	8.3	26
01-07-91	--	12.1	35
01-12-91	.126	7.2	37
01-15-91	--	4.4	52
01-18-91	--	6.0	43
01-21-91	--	8.0	48
12-08-91	--	4.7	55
12-16-91	--	2.9	34
12-26-91	.261	6.6	45
01-02-92	.163	9.1	32
01-09-92	--	6.2	43
01-16-92	--	3.6	45
01-24-92	--	.6	56

Table 24. Periodic streamflow, water-temperature, and specific-conductance measurements at Canada Stream, Huey Creek, Lost Seal Stream, McKnight Creek, Aiken Stream, Von Guerard Stream, Harnish Creek, Crescent Stream, Delta Stream, Green Creek, and Bowles Creek in the lower Taylor Valley, Victoria Land, Antarctica--Continued

Date	Streamflow (m^3/s)	Water temperature (°C)	Specific conductance (µS/cm)
		Bowles Creek (Site 11)	
11-13-90	0.000	--	--
11-21-90	.000	--	--
11-25-90	.009	--	36
11-29-90	.003	--	49
11-30-90	.000	--	--
12-02-90	.000	--	--
12-03-90	.000	--	--
12-05-90	.000	--	--
12-06-90	.000	--	--
12-09-90	.003	--	49
12-11-90	.006	10.1	41
12-13-90	.002	--	--
12-19-90	.000	--	--
12-23-90	.001	--	26
12-26-90	.012	11.2	21
12-30-90	.012	12.2	20
01-02-91	.013	10.2	45
01-07-91	.004	12.2	36
01-12-91	.009	9.0	28
01-15-91	.000	--	--
01-18-91	.003	7.1	36
01-21-91	.001	6.5	59
12-05-91	.000	--	--
12-07-91	.001	--	--
12-07-91	.007	--	--
12-08-91	.006	4.7	44
12-09-91	.010	--	--
12-16-91	.0004	3.2	43
12-26-91	.012	10.2	23
01-02-92	--	11.6	29
01-09-92	--	5.5	59
01-24-92	.000	--	--

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