

SOUTHEAST ALASKA

15106970 MIDDLE BASIN CREEK NEAR TENAKEE

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1981 to July 1987 (unpublished fragmentary records provided by the U.S. Forest Service),
Water years 2000 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: July 2000 to current year.

INSTRUMENTATION.--Electronic water-temperature recorder with 15-minute recording interval since July 9, 2000.

REMARKS.--No record March 2 to June 6 due to recorder malfunction. No record June 10, 13, 30, July 9-12, 15-18, 21-27, August 15, and September 13 due to faulty probe. Records represent water temperature at the sensor within 0.5°C. Temperature at the sensor was compared with stream average by cross section on January 6. No variation was found within the cross section. No variation was found between mean stream temperature and sensor temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 11.0°C, August 16, 2004; minimum, 0.0°C, on many days during most winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 10.0°C, August 10-14; minimum, 0.0°C, on January 17 and 21.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Stream width, feet (000004)	Location in X-sect. looking downstrm ft from l bank (000009)	Gage height, feet (000065)	Instantaneous discharge, cfs (000061)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)
JAN							
06...	1150	8.00	1.00	3.85	.69	2.5	-.5
06...	1151	8.00	3.00	3.85	.69	2.5	-.5
06...	1152	8.00	5.00	3.85	.69	2.5	-.5
06...	1153	8.00	7.00	3.85	.69	2.5	-.5

TEMPERATURE, WATER, (DEGREES CELSIUS), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	7.5	7.5	7.5	5.0	4.5	5.0	5.0	4.5	5.0	1.5	1.0	1.5
2	7.5	7.5	7.5	5.0	4.5	4.5	5.0	5.0	5.0	2.0	1.0	1.5
3	7.5	7.0	7.5	5.0	4.5	5.0	5.0	4.0	4.5	2.5	2.0	2.0
4	7.5	7.5	7.5	5.0	4.0	4.5	4.0	3.5	4.0	2.5	2.5	2.5
5	8.0	7.5	7.5	4.5	4.0	4.0	3.5	3.0	3.5	3.0	2.5	2.5
6	7.5	7.5	7.5	4.0	4.0	4.0	3.0	3.0	3.0	2.5	2.0	2.5
7	7.5	7.5	7.5	4.0	3.5	4.0	3.0	2.0	2.5	2.0	1.5	2.0
8	7.5	7.0	7.5	4.0	3.0	3.5	3.0	2.0	2.5	2.5	1.5	2.0
9	7.5	7.0	7.0	4.0	3.5	3.5	3.0	2.5	3.0	2.0	1.5	1.5
10	7.0	6.5	7.0	3.5	3.0	3.0	3.0	3.0	3.0	2.5	1.5	2.0
11	7.0	6.0	6.5	3.5	3.0	3.0	3.5	3.0	3.0	1.5	0.5	1.0
12	7.5	6.0	6.5	3.5	3.0	3.5	3.5	3.0	3.5	0.5	0.5	0.5
13	7.5	7.0	7.5	4.0	3.5	4.0	3.5	3.0	3.5	1.0	0.5	1.0
14	7.0	7.0	7.0	4.5	4.0	4.5	3.5	3.5	3.5	1.5	1.0	1.0
15	7.0	6.5	7.0	5.0	4.5	4.5	4.0	3.5	3.5	1.5	1.0	1.5
16	6.5	5.5	6.0	4.5	4.0	4.5	4.5	4.0	4.0	1.5	1.0	1.0
17	6.0	5.5	5.5	4.5	4.0	4.0	4.5	4.0	4.5	1.5	0.0	1.5
18	5.5	5.0	5.0	4.5	4.0	4.0	4.5	3.5	4.5	1.5	1.0	1.5
19	5.0	4.5	5.0	4.5	4.5	4.5	4.0	3.5	4.0	2.0	1.5	1.5
20	5.0	4.5	5.0	5.0	4.5	5.0	4.0	3.5	4.0	2.0	1.0	2.0
21	5.0	4.5	5.0	5.0	4.5	4.5	3.5	3.5	3.5	2.0	0.0	1.5
22	5.0	4.5	4.5	4.5	4.5	4.5	4.0	3.5	4.0	2.0	1.5	2.0
23	4.5	4.0	4.5	4.5	3.5	4.0	4.5	4.0	4.5	2.0	2.0	2.0
24	5.0	4.5	4.5	4.0	3.5	4.0	4.5	4.0	4.5	2.0	2.0	2.0
25	5.0	4.5	4.5	4.0	4.0	4.0	4.0	3.0	3.5	2.5	2.0	2.0
26	5.0	4.0	4.5	4.5	4.0	4.0	3.0	2.5	3.0	2.0	2.0	2.0
27	5.5	5.0	5.0	4.5	4.0	4.5	3.0	2.5	3.0	2.5	2.0	2.0
28	5.5	5.0	5.5	4.5	4.5	4.5	3.0	2.5	3.0	2.5	2.0	2.0
29	5.5	5.0	5.5	4.5	4.5	4.5	2.5	1.5	2.0	2.5	2.0	2.5
30	5.0	4.5	5.0	5.0	4.5	4.5	1.5	1.0	1.5	2.5	2.0	2.0
31	5.0	4.5	4.5	---	---	---	1.5	1.0	1.5	2.5	2.0	2.5
MONTH	8.0	4.0	6.1	5.0	3.0	4.2	5.0	1.0	3.5	3.0	0.0	1.8

