

SOUTH-CENTRAL ALASKA

15261000 COOPER CREEK AT MOUTH NEAR COOPER LANDING

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: August 1998 to current year.

INSTRUMENTATION.--Electronic water-temperature recorder set for 15-minute recording interval.

REMARKS.--Records represent water temperature at the sensor within 0.5°C. Temperature at the sensor was compared with the average for the stream by cross section on May 4. No variation was found within the cross section. The variation between mean stream temperature and sensor temperature is less than 0.2°C. Heavy shore ice occurs near the gage.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 12.5°C, July 7 and 12, 2004 and August 17, 2004; minimum, 0.0°C on many days during winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 12.0°C, August 12; minimum, 0.0°C on many days during winter.

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)	Sampling method, code (82398)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)
MAY								
04...	1532	32.0	3.00	10.27	86	10	5.5	12.6
04...	1534	32.0	9.00	10.27	86	10	5.5	12.6
04...	1536	32.0	15.0	10.27	86	10	5.5	12.6
04...	1538	32.0	21.0	10.27	86	10	5.5	12.6
04...	1540	32.0	27.0	10.27	86	10	5.5	12.6

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

DAY	MAX	MIN	MEAN	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
				MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.0	3.0	6.0	0.0	0.0	0.0	2.0	1.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0
2	5.5	2.5	5.5	0.0	0.0	0.0	1.5	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
3	5.5	4.5	5.5	0.0	0.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
4	5.5	4.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	5.0	3.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	5.5	3.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	5.5	4.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	5.5	4.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	5.5	4.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	5.0	3.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	4.5	3.0	4.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	5.0	4.0	5.0	2.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	5.0	3.0	5.0	2.0	1.0	2.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
14	5.0	4.0	5.0	1.0	0.5	1.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
15	4.0	2.5	4.0	1.0	0.5	1.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
16	4.0	3.0	4.0	1.0	0.5	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
17	3.0	1.5	3.0	1.0	0.5	1.0	1.5	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
18	2.5	0.5	2.5	1.5	1.0	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
19	3.5	2.5	3.5	2.0	0.5	2.0	1.5	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
20	2.5	1.0	2.5	1.5	0.5	1.5	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
21	2.0	1.5	2.0	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	1.5	0.0	1.5	1.5	1.0	1.5	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
23	2.5	1.5	2.5	2.0	1.5	2.0	1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
24	2.5	1.5	2.5	2.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	2.0	0.5	2.0	1.5	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	3.5	2.0	3.5	1.5	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	2.5	1.5	2.5	2.0	1.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	2.5	2.0	2.5	2.0	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	2.0	1.5	2.0	2.0	0.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	1.5	0.5	1.5	1.5	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.5	0.0	0.5	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MONTH	6.0	0.0	3.8	2.0	0.0	1.1	2.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0

SOUTH-CENTRAL ALASKA

15261000 COOPER CREEK AT MOUTH NEAR COOPER LANDING—Continued

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

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.0	0.0	0.0	0.5	0.0	0.5	1.0	0.0	1.0	4.5	2.0	4.5
2	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.0	0.5	5.0	1.5	5.0
3	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.0	0.5	5.0	1.5	5.0
4	0.0	0.0	0.0	1.0	0.5	1.0	1.0	0.0	1.0	5.5	2.0	5.5
5	0.0	0.0	0.0	1.0	1.0	1.0	1.5	0.5	1.5	3.5	2.0	3.5
6	0.0	0.0	0.0	1.0	1.0	1.0	1.5	1.0	1.5	5.5	2.5	5.5
7	0.0	0.0	0.0	1.0	1.0	1.0	1.5	1.0	1.5	6.0	1.5	6.0
8	0.0	0.0	0.0	1.0	0.5	1.0	1.5	1.0	1.5	6.5	1.5	6.5
9	0.0	0.0	0.0	1.0	0.5	1.0	1.5	1.0	1.5	6.5	2.0	6.5
10	0.0	0.0	0.0	1.0	0.0	1.0	2.0	1.0	2.0	6.5	2.0	6.5
11	0.0	0.0	0.0	1.0	0.0	1.0	1.5	0.5	1.5	6.5	2.0	6.5
12	0.0	0.0	0.0	1.0	1.0	1.0	1.5	0.5	1.5	5.5	3.5	5.5
13	0.0	0.0	0.0	1.0	0.5	1.0	1.5	0.5	1.5	5.5	3.0	5.5
14	0.0	0.0	0.0	1.0	1.0	1.0	2.0	0.5	2.0	6.0	3.0	6.0
15	0.5	0.0	0.5	1.0	0.5	1.0	2.0	1.0	2.0	5.0	3.0	5.0
16	0.5	0.0	0.5	1.0	1.0	1.0	1.5	0.5	1.5	5.5	2.0	5.5
17	0.5	0.5	0.5	1.0	0.0	1.0	5.0	0.5	5.0	6.0	2.5	6.0
18	0.5	0.5	0.5	0.5	0.0	0.5	2.0	1.0	2.0	7.0	2.0	7.0
19	0.5	0.5	0.5	0.5	0.0	0.5	2.0	1.5	2.0	7.5	2.5	7.5
20	1.0	0.5	1.0	0.5	0.0	0.5	2.0	1.0	2.0	6.5	3.5	6.5
21	1.0	0.5	1.0	0.5	0.0	0.5	2.5	1.0	2.5	6.5	3.5	6.5
22	1.0	1.0	1.0	0.5	0.0	0.5	1.0	0.0	1.0	6.0	3.5	6.0
23	1.0	1.0	1.0	1.0	0.5	1.0	2.5	1.0	2.5	7.0	3.5	7.0
24	1.0	0.5	1.0	1.0	0.0	1.0	3.5	1.5	3.5	7.5	3.0	7.5
25	1.0	0.5	1.0	1.0	0.5	1.0	4.0	1.0	4.0	6.0	2.5	6.0
26	1.0	0.5	1.0	1.5	1.0	1.5	4.0	1.5	4.0	6.5	4.0	6.5
27	1.0	0.5	1.0	1.5	0.5	1.5	4.5	1.5	4.5	5.5	4.0	5.5
28	0.5	0.5	0.5	1.0	0.5	1.0	4.5	1.5	4.5	6.0	4.0	6.0
29	---	---	---	0.5	0.0	0.5	4.5	2.0	4.5	7.0	3.5	7.0
30	---	---	---	0.5	0.0	0.5	4.5	1.5	4.5	6.0	3.0	6.0
31	---	---	---	1.0	0.5	1.0	---	---	---	7.5	3.5	7.5
MONTH	1.0	0.0	0.4	1.5	0.0	0.9	5.0	0.0	2.3	7.5	1.5	6.0

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.5	3.0	7.5	8.5	6.0	7.0	8.0	6.5	7.5	8.0	6.0	7.0
2	6.0	2.5	6.0	9.5	5.5	7.0	8.0	6.5	7.5	7.0	4.0	5.5
3	7.5	3.0	7.5	8.5	6.0	7.5	8.5	6.5	7.5	7.5	6.5	7.0
4	8.0	3.5	8.0	8.0	6.0	7.0	9.0	6.5	7.5	7.5	6.5	7.0
5	6.5	4.0	6.5	10.5	6.0	8.0	9.5	6.0	8.0	8.5	6.5	7.5
6	7.5	4.0	7.5	9.5	6.0	7.5	10.5	6.5	8.5	8.5	7.0	7.5
7	5.5	4.0	5.5	9.5	5.5	7.5	11.0	6.5	8.5	8.0	6.5	7.0
8	6.0	4.0	6.0	11.0	5.5	8.0	11.0	7.5	9.5	7.5	5.0	6.0
9	7.0	4.0	7.0	10.5	6.0	8.0	11.5	7.5	9.5	8.0	6.5	7.5
10	7.5	4.5	7.5	11.5	6.0	8.5	11.5	7.5	9.5	8.0	6.5	7.5
11	7.0	4.5	7.0	11.0	6.0	8.5	11.5	7.5	9.5	8.0	5.5	6.5
12	8.0	4.0	8.0	9.5	7.0	8.0	12.0	8.0	10.0	8.0	6.5	7.5
13	8.5	3.5	8.5	9.0	6.5	7.5	11.5	8.0	10.0	7.0	4.5	6.0
14	9.5	4.0	9.5	9.5	6.0	7.5	11.0	8.0	9.5	7.5	5.5	6.5
15	10.0	4.5	10.0	10.0	6.0	8.0	11.0	8.0	9.5	7.0	5.5	6.0
16	9.5	5.0	9.5	9.0	7.0	8.0	10.5	8.5	9.5	8.0	6.5	7.0
17	10.0	5.0	10.0	10.0	6.5	8.0	10.0	8.5	9.0	7.0	6.5	6.5
18	7.0	5.5	7.0	8.5	6.0	7.5	10.0	7.5	9.0	7.0	5.5	6.0
19	7.0	4.0	7.0	9.5	7.0	8.0	11.5	8.5	9.5	7.0	5.0	6.0
20	8.0	4.0	8.0	10.5	7.5	8.5	10.5	7.5	9.0	6.5	5.0	6.0
21	9.5	4.0	6.5	10.0	7.0	8.5	10.0	8.0	9.0	6.5	4.0	5.5
22	7.5	4.5	6.0	10.5	6.0	8.0	9.5	6.0	8.0	7.0	5.5	6.0
23	8.5	5.0	6.5	11.0	6.0	8.5	10.0	8.0	9.0	7.5	6.0	7.0
24	8.5	4.5	6.5	10.5	7.5	8.5	9.5	7.5	8.5	7.0	5.5	6.0
25	9.0	4.5	7.0	9.0	7.5	8.5	9.0	7.0	8.0	6.0	4.5	5.5
26	10.0	5.0	7.0	9.0	6.0	7.5	9.5	7.0	8.0	5.5	3.0	4.5
27	10.0	5.5	7.5	9.0	6.0	7.5	8.0	5.5	7.0	5.5	5.0	5.0
28	10.0	5.0	7.5	8.0	6.0	7.0	8.5	6.5	7.5	6.5	4.5	5.5
29	10.0	6.0	7.5	8.5	6.5	7.5	8.0	7.0	7.5	6.0	4.0	5.0
30	9.0	6.0	7.5	8.5	6.5	7.5	8.5	7.0	7.5	6.0	4.5	5.0
31	---	---	---	8.5	7.0	7.5	9.0	7.0	8.0	---	---	---
MONTH	10.0	2.5	7.4	11.5	5.5	7.8	12.0	5.5	8.6	8.5	3.0	6.3