

SOUTH-CENTRAL ALASKA

15258000 KENAI RIVER AT COOPER LANDING

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1950-53, 1955-60, 1966-74, 1976, 1994 and December 2002 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Water year 1950, and December 2002 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.

EXTREMES FOR PERIOD OF DAILY RECORDS.--

WATER TEMPERATURE: Maximum, 18.0°C, August 18, 19 2004; Minimum, 0.0°C, Several days January and March, 2003 and April 27, 2004.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 18.0°C, August 18, 19; Minimum, 0.0°C, April 27.

TEMPERATURE, WATER (DEGREES CELSIUS), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.5	8.5	9.0	6.5	6.0	6.0	3.0	1.5	2.5	2.5	1.0	2.0
2	9.0	8.5	8.5	6.5	6.0	6.0	2.5	1.5	2.5	2.5	1.0	2.0
3	9.0	8.0	8.5	6.5	6.0	6.0	2.5	1.0	2.0	2.0	1.5	2.0
4	9.0	8.0	8.5	6.5	6.0	6.0	2.5	1.5	2.0	2.0	1.5	2.0
5	9.0	8.0	8.5	6.5	6.0	6.0	2.0	1.5	2.0	2.5	1.5	2.0
6	9.0	8.0	8.5	6.5	6.0	6.0	2.0	1.0	1.5	2.5	1.0	2.0
7	9.0	8.0	8.5	6.5	5.5	6.0	2.0	1.0	1.5	2.5	1.5	2.0
8	9.0	8.0	8.5	6.0	5.5	6.0	2.0	1.5	2.0	2.0	1.0	1.5
9	8.5	8.0	8.5	6.0	5.5	6.0	2.5	1.0	2.0	2.0	1.5	1.5
10	8.5	8.0	8.5	6.0	5.0	5.5	2.0	0.5	1.5	3.5	1.0	1.5
11	8.5	8.0	8.0	6.0	4.5	5.5	2.0	1.5	1.5	1.5	1.0	1.5
12	8.5	8.0	8.0	5.5	5.0	5.5	2.0	1.0	1.5	1.5	0.5	1.0
13	8.5	7.5	8.0	5.5	5.0	5.0	2.0	1.0	1.5	1.5	0.5	1.0
14	8.0	7.5	8.0	5.5	4.0	5.0	2.5	1.0	1.5	1.5	0.5	1.0
15	8.0	7.5	8.0	5.0	4.5	5.0	2.5	0.5	1.5	1.5	0.5	1.0
16	8.0	7.5	7.5	5.0	4.0	4.5	1.5	0.5	1.0	1.5	1.0	1.0
17	8.0	7.5	7.5	4.5	3.5	4.0	2.0	1.0	1.5	1.5	1.0	1.0
18	8.0	7.0	7.5	4.5	3.5	4.0	2.0	0.5	1.5	1.5	1.0	1.0
19	7.5	7.0	7.0	4.5	4.0	4.0	2.5	1.0	1.5	1.0	0.5	1.0
20	7.5	7.0	7.0	4.5	3.5	4.0	2.5	1.5	2.0	1.5	1.0	1.0
21	7.5	6.5	7.0	4.0	3.5	4.0	2.0	1.5	1.5	1.5	1.0	1.5
22	7.0	6.5	7.0	4.0	3.5	4.0	3.0	1.5	2.0	1.5	0.5	1.0
23	7.0	6.5	7.0	4.0	3.0	3.5	2.5	1.0	2.0	1.5	0.5	1.0
24	7.0	6.5	7.0	4.0	3.0	3.5	2.0	1.5	2.0	1.5	0.5	1.0
25	7.0	6.5	7.0	4.0	2.0	3.0	2.5	1.5	2.0	1.5	0.5	1.0
26	7.0	6.5	7.0	3.0	1.5	2.5	2.5	1.0	2.0	1.5	0.5	1.0
27	7.0	6.0	6.5	3.0	2.0	2.5	2.5	2.0	2.5	1.5	1.0	1.0
28	6.5	5.5	6.0	2.5	1.5	2.0	3.0	2.0	2.5	1.5	0.5	1.0
29	6.5	5.5	6.0	3.0	2.0	2.5	3.0	2.0	2.5	1.0	0.5	1.0
30	6.5	6.0	6.0	2.5	1.5	2.0	2.5	1.5	2.0	1.0	0.5	1.0
31	6.5	6.0	6.0	---	---	---	2.5	1.0	1.5	1.5	1.0	1.0
MONTH	9.5	5.5	7.6	6.5	1.5	4.5	3.0	0.5	1.8	3.5	0.5	1.3

SOUTH-CENTRAL ALASKA

15258000 KENAI RIVER AT COOPER LANDING—Continued

TEMPERATURE, WATER (DEGREES CELSIUS), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	1.5	1.0	1.0	2.5	1.0	1.5	2.5	1.0	1.5	3.0	2.0	3.0
2	1.5	1.0	1.0	2.5	1.0	1.5	2.0	1.0	1.5	3.5	2.5	3.0
3	1.5	1.0	1.0	3.0	1.0	2.0	2.5	1.5	2.0	3.5	2.5	3.0
4	1.5	1.0	1.0	3.0	1.0	1.5	2.0	1.5	1.5	3.5	3.0	3.5
5	1.5	1.0	1.0	2.5	0.5	1.5	2.0	1.5	1.5	3.5	3.0	3.5
6	1.5	0.5	1.0	2.5	1.0	1.5	2.5	1.5	2.0	4.0	3.0	3.5
7	1.5	1.0	1.0	2.5	1.0	1.5	2.5	1.5	2.0	4.5	3.0	3.5
8	1.5	1.0	1.0	2.0	1.0	1.5	2.5	1.5	2.0	4.5	3.5	4.0
9	1.5	1.0	1.0	2.0	1.0	1.5	3.5	1.5	2.0	4.0	3.5	4.0
10	1.5	1.0	1.5	2.5	1.5	2.0	4.0	1.5	2.5	4.5	3.5	4.0
11	1.5	1.0	1.0	3.0	1.5	2.0	4.0	1.5	2.0	4.5	3.5	4.0
12	1.5	1.0	1.0	2.5	1.5	2.0	4.0	1.5	2.5	4.5	3.5	4.0
13	1.5	1.0	1.5	3.0	1.0	2.0	4.0	1.5	2.5	5.0	3.5	4.5
14	2.0	0.5	1.0	2.5	1.5	2.0	3.5	1.5	2.5	5.5	4.5	4.5
15	1.5	0.5	1.0	3.0	1.5	2.0	4.0	1.5	2.5	5.0	4.5	4.5
16	1.5	0.5	1.0	3.0	1.0	1.5	3.0	2.0	2.5	5.0	4.0	4.5
17	1.5	1.0	1.0	3.0	1.0	1.5	3.5	2.0	2.5	5.0	4.0	4.5
18	1.5	1.0	1.0	1.5	0.5	1.0	3.5	2.0	2.5	5.0	4.0	4.5
19	1.5	1.0	1.0	2.0	1.0	1.5	3.0	2.0	2.5	5.0	4.5	4.5
20	2.0	1.0	1.5	2.5	1.0	1.5	3.5	2.0	2.5	5.0	4.0	4.5
21	2.0	1.0	1.5	2.5	1.0	1.5	3.0	2.0	2.5	5.5	4.0	4.5
22	2.0	1.0	1.5	3.0	1.5	2.0	3.0	2.0	2.5	6.0	4.5	5.5
23	2.0	1.0	1.5	3.0	1.5	2.0	3.0	2.0	2.5	6.0	5.0	5.5
24	2.5	1.0	1.5	3.0	1.5	2.0	3.0	2.0	2.5	5.5	4.5	5.0
25	2.0	1.0	1.5	3.0	1.5	2.0	3.0	2.0	2.5	5.5	4.5	5.0
26	2.5	1.0	1.5	2.5	1.0	1.5	3.0	1.0	2.5	5.5	4.5	5.0
27	2.0	1.0	1.5	2.5	1.0	2.0	2.5	0.0	1.0	5.5	4.5	5.0
28	2.5	1.0	1.5	2.5	1.0	1.5	2.5	2.0	2.5	5.5	5.0	5.0
29	2.5	1.0	1.5	2.5	0.5	1.5	3.0	2.0	2.5	5.5	4.5	5.0
30	---	---	---	2.0	0.5	1.0	3.0	2.0	2.5	5.5	4.5	5.0
31	---	---	---	2.5	0.5	1.5	---	---	---	6.0	4.5	5.5
MONTH	2.5	0.5	1.2	3.0	0.5	1.7	4.0	0.0	2.2	6.0	2.0	4.4
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.0	5.0	5.5	11.0	8.0	10.0	13.5	10.5	12.0	14.5	11.0	13.0
2	6.0	5.5	6.0	12.5	10.0	11.0	11.0	8.0	9.5	14.5	13.0	14.0
3	6.0	5.5	5.5	12.5	10.0	11.0	10.0	8.0	8.5	13.5	8.0	11.5
4	6.5	5.0	5.5	12.5	11.5	12.0	14.5	9.5	13.0	9.0	6.0	7.0
5	6.5	5.5	6.0	12.5	11.5	12.0	15.5	14.0	14.5	7.5	6.0	6.5
6	6.0	5.0	5.5	12.5	8.0	10.0	15.0	12.5	14.5	10.0	7.0	8.5
7	8.0	5.0	6.5	9.0	6.0	7.5	14.5	12.0	13.0	11.0	10.0	10.5
8	7.5	5.5	6.5	8.5	6.0	7.0	16.5	12.5	15.5	11.0	10.0	10.5
9	7.5	5.5	6.5	6.5	5.5	6.0	16.5	15.0	16.0	11.5	10.0	10.5
10	7.5	6.5	7.0	8.0	6.0	7.0	15.5	13.0	14.5	11.5	11.0	11.0
11	7.0	6.5	7.0	10.5	6.5	8.5	16.5	13.0	14.5	12.0	11.0	11.5
12	7.0	6.5	6.5	14.0	10.5	12.5	16.5	15.0	16.0	11.5	11.0	11.5
13	7.0	6.0	6.5	15.5	12.5	14.0	15.5	13.0	14.5	11.5	8.5	10.5
14	8.0	6.5	7.0	15.0	12.5	13.5	15.0	12.0	13.5	10.5	7.0	8.5
15	8.0	7.0	7.5	15.5	14.0	14.5	14.5	12.0	13.5	9.0	6.5	8.0
16	8.0	7.0	7.5	16.0	14.0	15.0	14.5	12.0	13.5	8.5	6.0	7.0
17	8.0	7.0	7.5	16.0	15.0	15.5	17.5	12.5	14.0	8.0	6.0	7.0
18	8.5	7.0	7.5	15.5	14.5	15.0	18.0	15.5	17.0	8.0	7.0	7.5
19	8.0	6.5	7.0	15.5	13.5	14.5	18.0	17.0	17.5	8.0	7.5	7.5
20	8.0	6.0	6.5	15.5	14.0	15.0	17.5	15.0	16.5	8.5	7.5	8.0
21	7.0	6.0	6.5	15.5	14.5	15.0	17.5	14.5	15.5	8.0	7.5	7.5
22	6.5	5.5	6.0	15.0	14.5	15.0	17.5	15.0	16.5	9.0	7.5	8.0
23	6.5	5.5	6.0	15.0	14.0	14.5	17.5	16.5	17.0	9.0	7.0	8.0
24	10.0	5.0	7.5	15.0	14.0	14.5	17.0	16.0	16.5	8.0	7.0	7.5
25	10.5	7.0	9.0	15.0	14.0	14.5	16.5	14.5	16.0	8.5	7.5	8.0
26	11.0	7.5	9.0	14.5	14.0	14.5	16.5	16.0	16.5	8.5	7.5	8.0
27	12.0	9.0	11.0	14.5	14.0	14.5	16.5	13.5	15.0	8.0	7.0	7.5
28	12.0	10.0	11.0	14.5	14.0	14.5	15.0	12.5	14.0	8.0	7.0	7.5
29	10.0	8.5	9.0	14.5	13.5	14.0	14.5	12.5	13.0	8.0	7.0	7.5
30	9.5	7.5	8.5	14.5	13.5	14.0	14.0	10.5	13.0	8.0	7.0	7.5
31	---	---	---	14.5	13.0	14.0	13.5	11.0	12.0	---	---	---
MONTH	12.0	5.0	7.2	16.0	5.5	12.6	18.0	8.0	14.4	14.5	6.0	8.9