

SOUTH-CENTRAL ALASKA

15295700 TERROR RIVER AT MOUTH NEAR KODIAK

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1968, 1982 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: December 1981 to current year.

INSTRUMENTATION.--Water-temperature recorder since December 10, 1981. Electronic water temperature recorder set for 1-hour recording interval.

REMARKS.--Records represent water temperature at sensor within 0.5°C. Probe was faulty from September 6 to 28. Temperature at the sensor was compared with the average for the river by cross section on June 8 with a variation of 1.6°C found in the cross section at the sensor location. A gravel bar running parallel to the channel formed in the 2003 water year and has remained in place at the sensor location. The channel opposite the sensor is shallow with lower velocities, and has backwater which results in an increase in water temperature. Most of the discharge is in the right channel where the probe is located. No variation was found between median stream temperature and sensor temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 15.0°C, July 15, 2003; minimum, 0.0°C on many days during winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 13.0°C, July 8; minimum, 0.0°C on many days during winter.

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

Date	Time	Stream width, feet (00004)	Location in X-sect. looking downstrm ft from l bank (00009)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)
JUN							
08...	1042	89.0	87.0	1.86	261	5.3	13.4
08...	1043	89.0	72.0	1.86	261	5.3	13.4
08...	1044	89.0	57.0	1.86	261	5.3	13.4
08...	1045	89.0	42.0	1.86	261	5.2	13.4
08...	1046	89.0	27.0	1.86	261	6.3	13.4
08...	1047	89.0	12.0	1.86	261	6.7	13.4
08...	1048	89.0	2.00	1.86	261	6.8	13.4

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

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	7.0	6.0	7.0	4.0	2.5	2.5	3.0	2.0	2.5	1.0	0.0	0.5
2	7.5	6.0	7.0	4.0	2.0	3.0	2.0	1.0	2.0	1.5	1.0	1.5
3	7.5	6.5	7.0	3.5	1.5	3.0	1.0	0.5	1.0	1.5	1.0	1.5
4	7.0	6.5	6.5	1.5	1.5	1.5	1.0	0.5	0.5	1.5	1.0	1.5
5	7.5	6.5	7.0	3.0	1.5	2.0	1.0	0.5	1.0	1.0	0.0	0.5
6	7.0	5.5	6.5	3.0	2.0	2.5	2.0	0.5	1.5	0.5	0.0	0.0
7	7.0	6.0	6.5	3.5	2.5	3.0	1.5	1.0	1.0	0.5	0.0	0.0
8	7.0	5.0	6.0	3.0	2.0	2.5	1.5	1.0	1.5	0.5	0.0	0.0
9	7.0	6.0	6.5	3.0	2.5	3.0	1.5	0.5	1.0	0.5	0.0	0.0
10	7.0	5.5	6.0	3.0	2.5	2.5	1.5	1.0	1.0	0.5	0.0	0.5
11	7.0	6.0	6.5	3.5	2.0	3.0	1.5	1.0	1.0	0.5	0.0	0.0
12	6.5	5.5	6.0	4.0	3.5	3.5	1.5	1.0	1.0	0.5	0.0	0.0
13	7.0	5.5	6.5	4.0	3.5	3.5	1.5	0.5	1.0	0.5	0.0	0.5
14	6.5	5.5	6.0	3.5	3.0	3.5	1.0	0.5	0.5	0.5	0.0	0.5
15	6.0	4.5	5.5	3.5	2.0	2.5	1.5	1.0	1.0	1.0	0.0	0.5
16	7.0	5.5	6.0	2.0	1.0	1.5	1.5	1.0	1.5	1.5	1.0	1.5
17	6.5	5.0	5.5	1.5	0.5	1.0	2.0	1.0	1.5	1.5	0.5	1.0
18	6.5	4.5	5.0	2.0	1.5	2.0	2.0	1.5	2.0	1.0	0.5	0.5
19	7.0	5.5	6.5	2.5	2.0	2.5	1.5	0.0	1.0	1.0	0.5	1.0
20	6.0	4.5	5.0	3.0	2.0	2.5	0.5	0.0	0.0	1.5	1.0	1.0
21	6.0	5.0	5.5	3.0	1.5	2.0	1.0	0.5	0.5	1.5	1.0	1.0
22	6.0	5.0	5.5	3.5	2.5	3.0	2.0	1.0	1.5	1.5	1.0	1.5
23	6.5	5.0	6.0	3.5	2.5	3.0	1.5	0.0	0.5	2.0	1.5	1.5
24	5.5	4.5	5.0	3.0	2.0	2.5	0.0	0.0	0.0	2.0	1.0	1.5
25	5.0	4.0	4.5	2.5	1.5	2.0	0.0	0.0	0.0	2.5	1.5	2.0
26	6.0	5.0	5.5	3.5	2.0	2.5	0.5	0.0	0.0	2.0	1.0	1.5
27	6.0	5.0	5.5	4.5	3.0	4.0	0.5	0.0	0.5	1.0	0.0	0.5
28	5.5	4.5	5.0	3.0	2.0	2.0	0.0	0.0	0.0	1.5	0.0	1.0
29	4.5	3.5	4.5	3.5	2.0	3.0	0.5	0.0	0.0	2.0	1.0	1.5
30	4.0	3.0	3.5	2.5	2.0	2.0	0.5	0.0	0.5	2.0	0.5	1.5
31	4.0	3.5	4.0	---	---	---	0.5	0.5	0.5	1.0	0.0	0.5
MONTH	7.5	3.0	5.8	4.5	0.5	2.6	3.0	0.0	0.9	2.5	0.0	0.9

SOUTH-CENTRAL ALASKA

15295700 TERROR RIVER AT MOUTH NEAR KODIAK—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	0.0	0.0	0.0	0.5	0.0	0.0	1.5	0.0	0.5	7.0	2.0	4.0
2	0.0	0.0	0.0	1.0	0.0	0.5	2.5	0.5	1.5	5.0	3.0	4.0
3	0.5	0.0	0.0	2.0	1.0	1.5	3.0	0.0	1.0	6.0	2.0	4.0
4	0.5	0.0	0.0	2.5	1.5	1.5	2.0	0.0	1.0	6.5	2.5	4.0
5	0.5	0.0	0.0	3.0	1.0	2.0	0.5	0.0	0.0	4.5	2.5	3.5
6	0.5	0.0	0.5	1.5	1.0	1.5	4.0	0.5	2.0	3.5	2.5	3.0
7	0.5	0.0	0.5	3.0	1.0	2.0	4.0	1.0	2.0	5.5	2.5	4.0
8	0.5	0.0	0.5	2.5	1.0	1.5	4.0	0.5	2.0	7.0	2.0	4.0
9	0.5	0.0	0.0	3.0	1.0	2.0	3.0	1.5	2.0	8.0	2.5	4.5
10	0.0	0.0	0.0	2.0	1.0	1.5	3.5	1.5	2.0	6.5	3.0	4.5
11	0.5	0.0	0.0	2.5	1.0	2.0	5.0	1.0	2.5	7.5	2.5	4.5
12	0.5	0.0	0.0	3.5	1.5	2.5	4.5	0.5	2.0	4.5	3.0	4.0
13	0.5	0.0	0.0	3.5	2.0	2.5	4.5	0.5	2.0	5.0	3.0	3.5
14	0.5	0.0	0.0	3.5	1.0	2.0	4.0	1.0	2.5	6.0	3.0	4.0
15	0.5	0.0	0.0	3.0	1.0	2.0	5.0	1.5	3.0	6.5	3.0	4.0
16	1.5	0.0	0.5	3.5	1.0	2.0	5.0	1.0	2.5	6.5	2.5	4.5
17	2.0	0.5	1.0	3.5	1.0	2.0	5.0	0.5	2.5	6.5	3.5	4.5
18	2.0	0.5	1.0	3.5	1.0	2.0	6.0	2.0	3.5	6.5	4.0	5.0
19	1.5	0.0	0.5	3.5	0.5	1.5	5.5	2.0	3.5	8.0	2.5	5.0
20	2.0	1.0	1.5	3.5	0.5	1.5	7.5	2.5	4.0	6.0	4.0	5.0
21	2.0	0.5	1.0	2.5	0.0	1.0	4.5	2.0	3.0	6.0	3.5	4.5
22	1.5	0.5	1.0	3.0	0.5	1.0	4.0	1.5	3.0	6.5	3.5	5.0
23	2.0	1.0	1.0	2.5	0.0	1.5	4.5	2.5	3.5	7.0	4.0	5.5
24	1.5	1.0	1.0	3.5	1.5	2.0	6.5	2.5	4.0	8.0	4.0	5.5
25	2.0	1.0	1.5	3.0	2.0	2.5	6.5	1.5	4.0	7.0	3.5	5.0
26	2.0	0.5	1.0	3.0	1.0	2.0	6.5	2.5	4.0	6.0	4.0	5.0
27	1.0	0.0	0.5	2.5	0.5	1.0	6.0	2.0	4.0	6.5	4.0	5.0
28	0.5	0.0	0.0	2.5	0.5	1.5	7.5	2.5	4.5	6.5	4.0	5.0
29	---	---	---	3.5	0.5	1.5	7.5	2.5	4.0	6.5	4.0	5.0
30	---	---	---	0.5	0.0	0.5	6.5	2.0	4.0	6.5	4.0	5.0
31	---	---	---	0.5	0.0	0.0	---	---	---	7.5	3.0	5.0
MONTH	2.0	0.0	0.5	3.5	0.0	1.6	7.5	0.0	2.7	8.0	2.0	4.5

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.5	3.5	5.5	9.0	7.0	8.0	10.0	8.5	9.5	9.0	6.5	7.5
2	8.0	4.5	6.0	10.0	7.0	8.5	10.5	8.5	9.5	9.0	6.0	7.0
3	9.0	3.5	6.0	10.5	7.5	9.0	10.5	9.5	10.0	9.5	7.0	8.0
4	9.5	4.0	6.5	11.0	7.0	9.0	12.0	9.0	10.0	9.0	7.5	8.0
5	9.5	4.0	6.5	11.5	7.0	9.5	12.0	9.0	10.5	8.5	7.0	7.5
6	6.5	4.0	5.5	12.0	7.5	9.5	12.5	9.0	10.5	---	---	---
7	6.5	5.0	5.5	12.5	7.5	9.5	12.5	9.0	10.5	---	---	---
8	6.5	4.0	5.0	13.0	7.5	10.0	12.5	8.5	10.5	---	---	---
9	6.0	4.5	5.5	12.5	7.5	10.0	11.5	9.5	10.5	---	---	---
10	6.5	4.5	5.5	12.5	8.0	10.0	12.0	9.0	10.5	---	---	---
11	5.5	4.5	5.0	12.5	7.5	9.5	12.0	8.5	10.0	---	---	---
12	6.0	5.0	5.5	9.5	8.0	9.0	12.5	8.0	10.0	---	---	---
13	8.5	4.5	6.0	9.5	7.5	8.5	11.5	9.0	10.0	---	---	---
14	9.0	4.5	6.5	11.0	8.0	9.0	10.0	8.5	9.5	---	---	---
15	10.0	5.0	7.0	10.5	7.5	9.0	10.0	9.0	9.5	---	---	---
16	10.5	5.0	7.5	9.5	8.0	9.0	9.5	9.0	9.0	---	---	---
17	7.5	5.0	6.5	12.0	8.0	9.5	11.0	9.0	9.5	---	---	---
18	8.5	5.5	6.5	12.0	8.0	9.5	10.0	9.0	9.5	---	---	---
19	8.5	5.0	6.0	11.0	7.5	9.0	11.5	8.0	9.5	---	---	---
20	10.0	5.0	7.0	12.0	8.0	9.5	10.5	8.0	9.0	---	---	---
21	8.0	5.0	6.5	10.0	8.0	9.0	11.0	8.5	9.5	---	---	---
22	7.5	6.0	6.5	10.5	8.0	9.0	10.5	7.5	8.5	---	---	---
23	8.0	6.0	7.0	10.0	8.5	9.0	11.0	8.5	9.5	---	---	---
24	9.5	6.5	7.5	10.0	8.0	9.0	9.0	8.0	8.5	---	---	---
25	8.5	7.0	7.5	10.5	8.0	9.0	8.5	7.5	8.0	---	---	---
26	12.0	7.0	9.0	9.5	8.0	8.5	9.5	7.5	8.5	---	---	---
27	8.5	6.5	7.5	9.0	8.0	8.5	10.0	7.0	8.0	---	---	---
28	8.5	7.0	7.5	10.5	8.0	9.0	10.0	8.0	8.5	---	---	---
29	12.0	6.5	9.0	11.0	8.5	9.5	9.0	8.0	8.5	8.0	7.0	7.5
30	12.0	7.0	9.0	12.0	8.5	10.0	9.5	7.5	8.5	8.5	6.0	7.0
31	---	---	---	11.0	8.5	9.5	9.5	7.0	8.0	---	---	---
MONTH	12.0	3.5	6.6	13.0	7.0	9.2	12.5	7.0	9.4	---	---	---