

SOUTHEAST ALASKA

15129500 SITUK RIVER NEAR YAKUTAT

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1971 to 1973 and 1988 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: October 1970 to September 1973 (fragmentary) and May 1988 to current year.

INSTRUMENTATION.--Water-temperature recorder October 1970 to September 1973, at a site 500 ft downstream. Electronic water-temperature recorder since May 1988, set for 2-hour recording interval. Recording interval changed to 15-minutes on March 6, 1996.

REMARKS.--Records represent water temperature at sensor within 0.5°C. Temperature at the sensor was compared with the stream average by cross section on June 15. No variation was found within the cross section. The variation found between mean stream temperature and sensor temperature was less than 0.2°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 20.5°C, June 24 and 25, 2004; minimum, 0.0°C, on many days during winters periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 18.5°C, July 5 and 8 and August 11-12; minimum, 0.0°C on several 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)	Sampling method, code (82398)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)
JUN								
15...	1424	58.0	10.0	65.28	108	10	12.8	12.0
15...	1426	58.0	20.0	65.28	108	10	12.8	12.0
15...	1428	58.0	30.0	65.28	108	10	12.8	12.0
15...	1430	58.0	40.0	65.28	108	10	12.8	12.0
15...	1432	58.0	50.0	65.28	108	10	12.8	12.0

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	9.5	9.0	9.5	5.0	4.5	4.5	4.0	3.5	3.5	0.5	0.0	0.5
2	9.5	9.0	9.5	4.5	3.5	4.0	3.5	3.0	3.0	1.5	0.5	1.0
3	9.0	9.0	9.0	4.5	3.0	4.0	3.5	2.0	3.0	2.0	1.5	2.0
4	9.0	9.0	9.0	4.0	3.0	3.5	2.5	2.5	2.5	2.0	2.0	2.0
5	9.0	8.5	9.0	3.5	2.5	3.0	2.5	2.5	2.5	2.0	1.0	1.5
6	9.0	8.0	8.5	4.0	3.0	3.5	2.5	2.5	2.5	1.0	1.0	1.0
7	9.0	8.0	8.5	3.5	2.5	3.0	2.5	1.5	2.5	1.0	0.5	1.0
8	8.5	7.5	8.0	3.0	2.0	2.5	1.5	1.0	1.5	1.0	0.5	0.5
9	8.5	7.5	8.0	3.5	2.5	3.0	2.0	1.0	1.5	1.0	0.5	0.5
10	8.0	7.5	8.0	4.0	3.5	3.5	2.5	2.0	2.0	1.5	0.5	1.0
11	8.0	7.0	7.5	3.5	3.0	3.5	2.5	1.5	2.0	0.5	0.0	0.0
12	8.0	7.0	7.5	4.0	3.5	3.5	2.5	1.0	2.0	0.0	0.0	0.0
13	8.5	8.0	8.0	4.0	3.5	3.5	2.5	1.5	2.0	0.0	0.0	0.0
14	8.0	8.0	8.0	3.5	3.0	3.5	2.5	2.0	2.0	0.5	0.0	0.0
15	8.0	7.0	7.5	3.5	3.0	3.5	2.5	1.5	2.0	1.5	0.5	1.0
16	7.5	6.5	7.0	4.0	3.5	3.5	2.5	2.0	2.5	1.0	0.5	0.5
17	6.5	6.0	6.0	3.5	3.0	3.5	3.0	2.5	2.5	1.5	1.0	1.0
18	6.0	5.0	5.5	3.5	2.0	3.0	3.0	2.5	3.0	1.5	1.0	1.0
19	6.0	5.0	5.5	3.5	2.0	3.0	2.5	2.5	2.5	1.5	1.0	1.5
20	6.0	5.0	5.5	3.0	2.5	3.0	2.5	2.0	2.0	2.5	1.5	2.0
21	6.0	5.5	5.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	2.0	2.0
22	5.5	4.5	5.0	3.5	3.0	3.0	3.5	2.5	2.5	2.5	1.5	2.0
23	5.5	4.0	4.5	3.5	3.0	3.5	3.5	3.0	3.5	1.5	1.0	1.5
24	5.5	5.0	5.0	3.5	3.0	3.5	3.0	2.0	2.5	2.0	1.0	1.5
25	5.0	4.0	4.5	3.0	2.5	3.0	2.0	1.5	1.5	2.0	1.0	1.5
26	5.5	4.5	5.0	3.0	2.5	3.0	2.0	1.5	1.5	1.5	0.5	1.0
27	5.5	5.0	5.0	3.5	3.0	3.5	2.0	0.5	1.5	2.0	1.5	2.0
28	5.5	5.0	5.0	3.5	2.5	3.5	2.0	0.5	1.5	2.5	2.0	2.0
29	5.5	4.5	5.0	3.0	2.5	3.0	0.5	0.0	0.5	2.5	2.0	2.0
30	5.0	4.5	5.0	3.5	3.0	3.5	0.5	0.0	0.5	2.5	2.0	2.5
31	5.0	4.0	4.5	---	---	---	0.5	0.5	0.5	2.0	1.5	2.0
MONTH	9.5	4.0	6.7	5.0	2.0	3.4	4.0	0.0	2.1	2.5	0.0	1.2

SOUTHEAST ALASKA

15129500 SITUK RIVER NEAR YAKUTAT—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	1.5	1.0	1.5	2.0	1.5	1.5	4.0	1.5	2.5	11.0	7.0	9.0
2	1.0	0.0	0.5	2.0	1.5	1.5	4.5	1.5	3.0	11.5	6.5	8.5
3	1.0	0.5	1.0	2.0	1.5	1.5	5.0	1.0	3.0	11.5	7.5	9.5
4	1.0	0.0	0.5	2.0	1.5	1.5	4.0	1.5	3.0	10.0	7.0	8.5
5	0.0	0.0	0.0	2.5	1.5	2.0	6.0	2.5	4.0	12.0	7.5	9.5
6	0.5	0.0	0.0	2.5	1.5	2.0	5.0	3.5	4.0	12.5	7.0	9.5
7	1.0	0.5	0.5	3.0	2.0	2.0	5.5	2.0	3.5	13.5	7.0	10.0
8	1.0	0.5	1.0	2.5	2.0	2.5	4.5	2.0	3.5	13.5	7.0	10.5
9	1.5	1.0	1.0	3.0	2.0	2.0	4.5	3.0	4.0	14.5	8.0	11.0
10	1.0	0.5	1.0	2.5	2.0	2.5	5.5	3.0	4.0	15.0	9.0	12.0
11	1.5	0.5	1.0	2.5	2.0	2.0	5.0	2.0	3.5	14.0	9.5	12.0
12	1.0	0.5	0.5	2.5	2.0	2.0	5.5	3.5	4.5	11.5	9.5	10.5
13	1.0	0.0	0.5	3.0	2.0	2.5	6.5	3.5	5.0	11.5	10.0	10.5
14	1.5	1.0	1.5	3.0	2.0	2.5	6.5	4.0	5.0	12.5	10.0	11.0
15	1.5	1.0	1.5	3.0	1.5	2.0	7.0	2.5	4.5	13.5	9.5	11.5
16	1.5	1.0	1.0	3.0	1.5	2.0	7.0	2.5	5.0	12.0	9.0	10.5
17	2.0	1.0	1.5	3.5	1.5	2.0	7.0	2.5	5.0	13.0	9.5	11.0
18	2.0	1.0	1.5	3.5	1.5	2.0	5.5	4.0	4.5	15.0	8.5	11.5
19	2.0	1.0	1.5	3.5	1.0	2.0	5.5	3.5	4.5	14.0	9.5	11.5
20	2.5	1.5	2.0	3.0	1.0	2.0	7.0	4.0	5.5	12.5	10.5	11.5
21	2.0	1.5	2.0	2.5	1.0	1.5	5.5	5.0	5.0	12.0	10.5	11.0
22	2.0	1.0	2.0	2.0	0.0	0.5	7.5	4.5	5.5	15.5	9.0	12.0
23	2.0	1.0	1.5	4.0	1.5	3.0	9.0	4.5	6.5	14.0	10.0	12.0
24	2.0	1.5	1.5	4.5	2.0	3.0	10.0	5.0	7.0	12.0	10.5	11.0
25	2.0	1.5	1.5	4.5	2.0	3.0	10.5	5.0	7.5	14.0	9.5	11.5
26	2.0	1.0	1.5	4.5	2.5	3.5	11.0	7.0	8.5	12.5	10.5	11.0
27	1.5	1.0	1.0	3.5	2.5	3.0	12.0	7.5	9.5	11.0	10.0	10.5
28	1.5	1.0	1.0	3.0	1.5	2.5	12.0	8.0	9.5	13.0	9.5	11.0
29	---	---	---	3.0	2.0	2.5	12.0	7.5	9.5	13.5	10.5	12.0
30	---	---	---	3.0	1.5	2.0	12.0	7.5	9.5	12.0	11.0	11.5
31	---	---	---	3.0	2.0	2.5	---	---	---	14.5	10.0	12.0
MONTH	2.5	0.0	1.1	4.5	0.0	2.2	12.0	1.0	5.3	15.5	6.5	10.8
	JUNE			JULY			AUGUST			SEPTEMBER		
1	15.0	11.0	12.5	14.5	13.5	14.0	14.0	12.0	13.0	14.0	11.5	12.5
2	15.5	10.0	12.5	14.5	12.5	13.5	15.5	12.5	14.0	14.0	11.5	12.5
3	16.0	10.0	13.0	16.0	12.5	14.5	13.5	12.5	12.5	14.0	11.0	12.5
4	13.5	10.5	12.0	15.0	13.0	14.0	13.0	12.5	12.5	13.0	11.5	12.5
5	14.0	10.0	11.5	18.5	12.0	15.0	14.0	12.5	13.0	12.0	11.0	11.5
6	16.5	9.5	13.0	16.5	13.5	14.0	15.5	13.0	14.0	12.0	11.0	11.5
7	15.0	11.0	13.0	15.0	12.5	14.0	16.5	13.0	14.5	12.0	11.5	11.5
8	14.5	11.0	13.0	18.5	12.5	15.5	17.0	13.5	15.0	13.0	11.0	12.0
9	16.0	11.0	13.5	18.0	12.5	15.5	18.0	13.0	15.0	13.0	11.0	12.0
10	14.0	11.5	12.5	17.0	14.0	15.0	18.0	13.5	15.5	12.5	12.0	12.0
11	14.5	11.0	12.5	15.5	13.0	14.0	18.5	13.5	16.0	12.5	11.5	12.0
12	14.0	11.5	13.0	14.5	13.5	14.0	18.5	14.5	16.0	12.0	11.5	12.0
13	16.5	11.0	13.5	14.5	12.5	13.5	18.0	13.5	15.5	12.5	11.0	11.5
14	15.0	11.5	13.5	16.0	12.5	14.0	17.0	13.5	15.5	12.5	10.0	11.0
15	13.5	12.0	12.5	18.0	12.0	15.0	15.5	14.0	14.5	12.5	10.0	11.0
16	17.5	12.0	14.5	16.0	13.5	14.5	16.0	13.0	14.5	11.5	11.0	11.0
17	18.0	11.5	15.0	13.5	12.5	13.0	15.0	13.0	14.0	11.5	10.5	11.0
18	17.0	13.0	15.0	14.5	12.5	13.5	14.0	12.5	13.0	11.0	10.0	10.5
19	15.5	13.0	14.0	16.0	13.0	14.5	14.0	12.5	13.5	10.5	10.0	10.0
20	15.0	12.0	13.5	15.0	12.5	14.0	13.5	12.0	13.0	11.5	10.0	10.5
21	15.0	11.5	13.0	15.0	12.5	14.0	13.0	12.0	12.5	11.5	9.5	10.5
22	14.0	12.0	13.0	17.0	12.0	14.5	15.0	12.0	13.0	11.0	10.0	10.5
23	16.5	12.0	14.0	15.0	12.0	13.5	14.0	12.5	13.0	11.0	10.0	10.5
24	18.0	11.5	14.5	14.5	12.5	13.5	13.0	12.5	13.0	11.5	10.5	11.0
25	18.0	12.0	15.0	14.0	12.5	13.5	14.5	13.0	13.5	11.5	10.0	10.5
26	18.0	12.0	15.0	15.5	12.5	14.0	14.0	13.5	14.0	11.0	10.0	10.5
27	17.5	13.5	15.0	15.0	12.5	14.0	15.5	13.0	14.0	10.0	9.0	9.5
28	16.0	13.5	14.5	15.0	12.5	13.5	15.5	12.5	14.0	9.5	9.0	9.0
29	15.0	13.5	14.0	14.5	12.0	13.0	14.0	13.0	13.5	9.5	9.0	9.5
30	15.5	13.0	14.5	14.0	12.0	13.0	13.0	11.5	12.0	10.0	9.5	9.5
31	---	---	---	13.5	12.0	12.5	13.5	11.5	12.5	---	---	---
MONTH	18.0	9.5	13.5	18.5	12.0	14.0	18.5	11.5	13.9	14.0	9.0	11.1