

SOUTHEAST ALASKA

15081497 STANEY CREEK NEAR KLAWOCK

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: January 1990 to current year.

INSTRUMENTATION.--Electronic water temperature recorder since January 11, 1990, set for 2-hour recording interval. As of April 9, 1996, recorder set to 15-minute recording interval.

REMARKS.--No record from November 6-12, December 6-9, 26-27, 29-30, and February 5-7, 12-14 due to a faulty probe. Records represent water temperature at sensor within 0.5°C. Temperature at the sensor was compared with the stream average by cross-section on August 17. No variation was found in the temperature cross-section. No variation was found between mean stream temperature and sensor temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE.--Maximum recorded, 26.0°C, June 29, 1990, but may have been higher during period of instrument malfunction July 9 to August 23, 1990; minimum, 0.0°C on many days during winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE.--Maximum, 23.5°C, June 18; minimum, 0.0°C on many days during the winter.

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

Date	Time	Stream width, feet (000004)	Location in X-sect. looking dwnstrm ft from l bank (000009)	Gage height, feet (000065)	Instantaneous discharge, cfs (000061)	Temperature, water, deg C (000010)	Temperature, air, deg C (000020)
AUG							
17...	0930	66.0	5.00	6.93	29	14.0	15.0
17...	0931	66.0	16.0	6.93	29	14.0	15.0
17...	0932	66.0	27.0	6.93	29	14.0	15.0
17...	0933	66.0	38.0	6.93	29	14.0	15.0
17...	0934	66.0	49.0	6.93	29	14.0	15.0
17...	0935	66.0	60.0	6.93	29	14.0	15.0

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	10.0	8.0	9.0	5.0	4.5	5.0	5.5	5.0	5.0	0.0	0.0	0.0
2	11.0	9.0	9.5	5.0	4.5	4.5	6.5	5.5	6.0	0.0	0.0	0.0
3	9.5	7.5	8.5	6.0	4.5	5.5	6.0	4.0	5.0	0.0	0.0	0.0
4	10.0	9.0	9.0	6.0	4.5	5.0	4.0	3.0	3.5	0.0	0.0	0.0
5	10.0	9.0	9.5	4.5	3.5	4.0	3.5	2.0	2.5	0.0	0.0	0.0
6	9.0	9.0	9.0	---	---	---	---	---	---	0.0	0.0	0.0
7	9.0	8.5	9.0	---	---	---	---	---	---	0.0	0.0	0.0
8	9.0	8.5	9.0	---	---	---	---	---	---	0.0	0.0	0.0
9	9.5	8.5	9.0	---	---	---	---	---	---	0.0	0.0	0.0
10	9.5	8.5	9.0	---	---	---	2.0	1.0	1.5	0.0	0.0	0.0
11	8.5	7.5	8.0	---	---	---	2.0	1.0	1.5	0.0	0.0	0.0
12	9.5	7.0	8.0	---	---	---	2.0	1.5	1.5	0.0	0.0	0.0
13	10.0	9.5	10.0	4.0	2.5	3.0	2.5	1.5	2.0	0.0	0.0	0.0
14	10.5	9.5	10.0	5.0	4.0	4.5	3.0	2.5	3.0	0.0	0.0	0.0
15	10.0	8.5	9.5	5.0	4.5	5.0	3.5	2.5	3.0	0.0	0.0	0.0
16	8.5	7.0	7.5	4.5	3.5	4.0	4.5	3.5	4.0	0.0	0.0	0.0
17	7.0	5.5	6.0	3.5	3.0	3.5	5.0	4.5	4.5	0.0	0.0	0.0
18	6.0	4.5	5.0	3.0	2.0	2.5	6.0	5.0	5.5	0.0	0.0	0.0
19	4.5	3.0	4.0	4.0	2.5	3.0	5.5	4.5	5.0	0.0	0.0	0.0
20	5.0	3.0	4.0	6.0	3.5	4.5	4.5	3.5	4.0	0.0	0.0	0.0
21	4.5	2.5	3.5	6.0	4.5	5.5	4.0	3.0	3.5	1.5	0.0	0.5
22	4.5	3.0	3.5	4.5	3.5	4.0	4.5	3.5	4.0	1.0	0.5	1.0
23	4.0	3.0	3.5	4.0	3.5	3.5	5.0	4.5	4.5	1.0	1.0	1.0
24	4.5	3.0	4.0	4.5	4.0	4.5	5.0	3.5	4.5	1.5	1.0	1.5
25	4.5	3.5	4.0	4.5	4.0	4.0	3.5	2.0	2.5	1.5	0.5	1.0
26	4.0	3.0	3.5	4.0	3.5	4.0	---	---	---	2.0	1.5	2.0
27	4.5	3.0	4.0	4.5	3.5	4.0	---	---	---	2.5	2.0	2.0
28	5.5	4.5	5.0	4.5	4.5	4.5	1.5	0.5	1.5	2.5	2.0	2.0
29	6.0	5.5	6.0	4.5	4.5	4.5	---	---	---	2.5	2.0	2.0
30	5.5	4.5	5.0	5.0	4.5	4.5	---	---	---	2.5	2.0	2.5
31	4.5	4.0	4.5	---	---	---	0.0	0.0	0.0	2.5	2.0	2.0
MONTH	11.0	2.5	6.7	---	---	---	---	---	---	2.5	0.0	0.6

SOUTHEAST ALASKA

15081497 STANEY CREEK NEAR KLAWOCK—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	2.5	2.0	2.0	3.5	2.5	3.0	3.0	2.0	2.5	11.0	7.5	9.0
2	2.5	2.0	2.5	4.0	3.0	3.5	3.0	1.5	2.5	11.0	8.5	9.5
3	2.5	2.0	2.0	3.0	3.0	3.0	4.0	2.0	3.0	11.0	8.5	9.5
4	2.5	1.0	2.0	3.5	3.0	3.5	4.0	2.5	3.5	12.0	7.5	9.5
5	---	---	---	3.5	2.5	3.0	4.5	3.0	4.0	14.0	7.5	10.0
6	---	---	---	3.0	2.0	2.5	5.0	3.0	4.0	15.0	7.0	11.0
7	---	---	---	4.0	3.0	3.5	5.5	3.5	4.5	15.5	8.5	12.0
8	0.5	0.0	0.0	4.5	4.0	4.0	5.5	3.0	4.5	16.0	8.5	12.5
9	1.0	0.5	1.0	5.0	4.0	4.5	5.5	3.5	4.5	17.0	9.5	13.5
10	1.5	1.0	1.5	5.5	5.0	5.0	4.5	3.5	4.0	17.0	10.5	14.5
11	1.5	0.0	1.0	5.0	4.5	4.5	5.5	3.5	4.5	15.5	13.0	14.0
12	---	---	---	5.5	4.5	4.5	5.0	3.0	4.0	13.0	11.5	12.5
13	---	---	---	5.5	3.5	4.5	4.5	3.0	4.0	15.5	11.0	13.0
14	---	0.0	---	5.0	3.5	4.0	5.5	2.5	4.0	15.0	12.0	13.5
15	2.0	0.0	1.0	5.0	3.5	4.0	5.0	3.5	4.0	12.5	10.0	11.0
16	1.5	0.5	1.0	4.0	2.0	3.0	6.5	4.0	5.0	12.0	8.5	10.5
17	1.5	0.5	1.0	3.5	1.0	2.0	7.0	3.5	5.0	14.0	9.0	11.0
18	2.0	1.0	1.5	2.5	0.5	1.5	6.0	3.5	5.0	14.0	9.0	11.5
19	1.5	0.5	1.0	0.5	0.0	0.0	5.5	5.0	5.0	14.5	10.0	12.0
20	1.5	0.0	0.5	0.0	0.0	0.0	7.0	5.0	6.0	13.0	10.0	11.5
21	2.0	0.5	1.5	1.5	0.0	0.5	8.5	6.0	7.0	13.0	10.5	11.5
22	2.0	1.0	1.5	4.0	1.0	2.5	9.5	5.0	7.0	14.5	9.0	11.0
23	2.0	1.0	1.5	3.5	0.5	2.0	11.0	5.5	8.0	11.5	9.0	10.0
24	1.5	0.5	1.0	3.5	0.0	1.5	12.5	6.5	9.5	11.5	9.0	10.5
25	2.0	1.0	1.5	3.5	0.0	2.0	11.5	8.0	9.5	14.0	8.5	11.5
26	3.0	1.5	2.0	7.0	3.0	4.5	14.5	8.5	11.0	15.5	10.5	13.0
27	2.5	1.5	2.0	5.5	3.5	4.5	15.0	9.0	12.0	16.0	11.5	13.0
28	3.5	2.0	2.5	4.5	2.5	3.5	13.5	8.5	11.0	17.5	10.5	14.0
29	---	---	---	5.0	2.5	4.0	13.5	7.5	10.5	14.5	11.5	13.0
30	---	---	---	4.5	3.0	3.5	10.0	7.5	8.5	18.0	12.0	14.5
31	---	---	---	3.5	3.0	3.0	---	---	---	16.5	12.0	14.5
MONTH	---	---	---	7.0	0.0	3.1	15.0	1.5	5.9	18.0	7.0	11.9
DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	19.0	12.0	15.0	15.5	13.0	14.0	15.0	11.5	13.0	12.0	11.0	11.5
2	19.0	11.0	15.0	14.5	13.0	13.5	15.5	11.0	13.0	12.5	11.0	11.5
3	15.5	12.5	14.0	14.5	11.5	13.5	14.5	12.5	13.5	12.0	10.5	11.0
4	17.5	12.5	14.5	13.5	11.5	12.5	14.0	12.5	13.0	11.5	9.5	10.5
5	17.0	11.0	14.0	14.5	12.0	13.0	13.0	12.0	12.5	11.5	9.0	10.5
6	20.0	12.0	15.5	12.5	11.5	12.0	14.0	12.0	12.5	11.5	10.5	11.0
7	19.0	13.5	16.0	11.5	11.0	11.0	15.5	11.5	13.0	12.0	11.0	11.5
8	19.0	13.0	16.0	13.5	11.0	12.0	17.0	11.5	14.0	12.5	11.0	11.5
9	16.0	13.5	14.0	14.0	11.5	12.5	18.5	12.5	15.5	12.0	9.5	11.0
10	15.5	13.0	14.0	12.5	11.5	12.0	20.0	13.5	16.5	12.0	9.5	11.0
11	15.5	13.0	14.0	13.5	11.5	12.5	20.5	14.0	17.5	12.5	11.0	11.5
12	15.0	11.5	13.5	15.0	11.5	13.0	20.5	14.5	18.0	13.5	11.0	12.5
13	14.5	12.0	13.5	14.5	12.5	13.5	20.5	15.0	18.0	13.5	12.0	12.5
14	15.5	12.5	14.0	14.0	12.0	12.5	18.5	15.5	16.5	13.0	11.0	12.0
15	15.5	12.0	14.0	12.5	11.5	12.0	17.5	14.5	16.0	13.5	11.0	12.0
16	19.0	11.0	15.5	14.0	10.5	12.5	18.0	14.0	16.0	12.0	9.5	11.0
17	21.5	12.5	17.0	15.0	12.0	13.5	18.5	13.5	16.5	11.5	10.5	11.0
18	23.5	15.0	19.0	13.5	12.0	13.0	17.5	15.0	16.5	11.0	10.0	10.5
19	19.0	15.5	17.0	13.5	11.5	12.5	16.5	13.5	14.0	10.5	10.0	10.0
20	17.5	14.5	16.0	14.5	11.5	13.0	14.0	12.0	13.0	10.0	9.5	9.5
21	19.0	12.5	15.5	14.5	12.0	13.0	14.0	12.5	13.0	10.0	9.0	9.5
22	15.5	14.0	14.5	16.0	11.0	13.0	13.0	12.0	12.5	9.5	8.0	9.0
23	14.0	12.5	13.5	17.5	12.0	14.5	14.0	11.5	12.5	10.0	8.5	9.5
24	18.5	13.0	15.5	17.0	12.5	15.0	14.0	11.0	12.5	10.5	10.0	10.0
25	17.5	14.0	15.5	15.5	12.5	14.0	13.5	12.0	13.0	10.5	9.5	10.0
26	19.5	13.0	16.5	14.5	13.0	14.0	13.0	12.0	12.5	9.5	8.0	9.0
27	22.5	13.5	18.0	15.5	13.0	14.0	12.5	12.0	12.5	8.5	7.0	8.0
28	18.0	15.0	15.5	14.5	13.0	13.5	14.5	11.5	12.5	10.0	8.5	9.5
29	15.5	14.5	15.0	14.5	12.0	13.5	12.5	11.0	11.5	9.5	9.0	9.5
30	17.0	13.5	15.0	14.0	12.0	13.0	13.0	11.0	12.5	9.5	8.5	9.0
31	---	---	---	13.5	11.5	12.5	12.5	11.5	12.0	---	---	---
MONTH	23.5	11.0	15.2	17.5	10.5	13.0	20.5	11.0	14.0	13.5	7.0	10.6