

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.-- 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 25. No variation was found in the temperature cross-section or between mean stream temperature and temperature recorded at the sensor.

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.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE.--Maximum, 23.5°C, June 20; minimum, 0.0°C on many days during the winter.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

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)
AUG							
25...	1100	60.5	6.00	6.82	18	14.0	20.5
25...	1101	60.5	18.0	6.82	18	14.0	20.5
25...	1102	60.5	30.0	6.82	18	14.0	20.5
25...	1103	60.5	42.0	6.82	18	14.0	20.5
25...	1104	60.5	54.0	6.82	18	14.0	20.5

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1	10.5	8.5	9.5	5.0	3.0	4.0	2.5	1.5	2.0	0.0	0.0	0.0
2	10.5	9.5	10.0	4.5	2.5	3.5	3.0	2.0	2.5	0.0	0.0	0.0
3	10.5	9.5	10.0	4.0	2.5	3.5	2.5	1.5	2.0	0.0	0.0	0.0
4	11.5	9.5	10.0	3.5	1.5	2.5	2.5	1.5	2.5	0.0	0.0	0.0
5	10.0	8.5	9.5	3.0	1.0	2.0	3.0	2.0	2.5	0.0	0.0	0.0
6	10.5	9.5	10.0	3.0	1.0	2.0	3.0	1.5	2.5	0.0	0.0	0.0
7	10.0	9.0	9.5	2.5	1.0	2.0	3.0	1.5	2.5	0.0	0.0	0.0
8	9.5	8.0	9.0	2.5	0.5	2.0	2.5	0.5	1.5	0.0	0.0	0.0
9	9.5	8.5	9.0	3.0	0.0	1.5	2.0	1.0	2.0	0.0	0.0	0.0
10	8.5	7.5	8.0	2.0	0.5	1.5	2.0	1.5	2.0	0.0	0.0	0.0
11	8.0	7.0	7.5	3.5	1.5	2.5	2.0	0.0	1.5	0.5	0.0	0.0
12	8.0	7.0	7.5	5.5	3.5	5.0	1.5	0.0	0.5	1.0	0.0	0.0
13	8.0	7.0	7.5	6.0	5.0	5.5	1.5	0.0	1.0	1.0	0.0	0.5
14	8.0	6.5	7.5	5.0	4.0	4.5	2.0	0.0	1.0	1.5	1.0	1.0
15	7.0	5.5	6.0	5.0	4.5	4.5	2.5	0.0	1.0	2.0	1.0	1.5
16	7.5	6.0	7.0	5.0	4.0	4.5	2.0	1.5	1.5	2.0	1.0	1.5
17	8.0	7.0	7.5	4.5	1.5	3.5	2.0	2.0	2.0	2.0	1.0	1.5
18	8.0	7.0	7.5	3.5	1.5	2.5	2.5	2.0	2.5	2.5	2.0	2.0
19	8.0	7.5	7.5	3.0	1.0	2.5	3.0	2.5	3.0	2.5	1.5	2.0
20	7.5	6.0	6.5	2.5	0.5	1.5	3.0	2.5	2.5	2.5	2.0	2.5
21	7.5	6.0	6.5	1.5	0.0	0.0	3.5	2.5	3.0	3.0	2.5	3.0
22	7.5	7.0	7.0	0.5	0.0	0.0	4.0	3.5	3.5	3.5	3.0	3.5
23	7.0	6.5	7.0	2.0	0.5	1.0	4.0	3.5	3.5	3.0	2.0	2.5
24	7.5	6.5	7.0	2.5	1.5	1.5	4.0	3.5	3.5	2.0	0.5	1.5
25	9.0	7.5	8.5	2.5	1.5	2.0	3.5	1.5	3.0	2.0	0.0	0.5
26	9.5	8.5	9.0	2.5	1.5	2.0	2.5	1.5	2.0	0.0	0.0	0.0
27	8.5	8.0	8.5	2.5	0.5	1.5	2.5	1.0	1.5	0.0	0.0	0.0
28	8.0	6.5	7.5	3.0	1.5	2.0	2.5	1.0	2.0	0.0	0.0	0.0
29	6.5	4.5	5.5	2.5	0.5	1.0	2.5	2.0	2.5	0.0	0.0	0.0
30	5.0	3.0	4.0	3.0	0.5	1.5	2.5	0.0	1.5	0.0	0.0	0.0
31	4.0	2.5	3.5	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
MONTH	11.5	2.5	7.8	6.0	0.0	2.5	4.0	0.0	2.1	3.5	0.0	0.8

SOUTHEAST ALASKA

15081497 STANEY CREEK NEAR KLAWOCK—Continued

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

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	FEBRUARY			MARCH			APRIL			MAY		
1	0.0	0.0	0.0	2.0	0.5	1.5	4.0	2.0	3.5	9.0	7.0	8.0
2	0.0	0.0	0.0	1.5	0.5	1.0	4.5	3.5	4.0	9.5	7.0	8.0
3	0.0	0.0	0.0	2.5	1.0	2.0	5.5	3.5	4.5	9.0	7.0	8.0
4	0.0	0.0	0.0	2.5	1.5	2.0	5.5	3.5	4.5	11.5	6.0	8.5
5	0.0	0.0	0.0	2.5	1.0	1.5	6.0	4.0	4.5	12.0	6.5	9.0
6	0.0	0.0	0.0	2.5	1.0	2.0	6.5	4.0	5.0	12.5	6.5	9.5
7	0.0	0.0	0.0	2.0	1.5	1.5	7.0	5.0	6.0	12.5	7.0	9.5
8	0.5	0.0	0.0	3.0	2.0	2.5	6.5	4.0	5.0	10.0	7.5	8.0
9	1.0	0.0	0.5	2.5	1.5	2.0	6.0	4.5	5.0	10.0	7.5	8.5
10	1.5	1.0	1.0	3.0	2.0	2.5	6.5	5.0	5.5	13.0	7.5	10.0
11	2.0	1.0	1.5	3.0	2.5	2.5	7.0	5.5	6.0	14.5	7.5	11.0
12	2.5	1.5	2.0	3.0	1.5	2.5	6.5	5.5	6.0	15.5	8.0	11.5
13	3.0	2.0	2.5	3.0	2.0	2.5	7.5	5.0	6.0	15.5	9.0	12.0
14	2.5	1.0	2.0	3.0	2.0	2.5	7.5	5.0	6.0	15.5	10.0	12.5
15	2.0	1.0	1.5	2.5	1.5	2.0	7.0	4.0	5.5	12.5	10.5	11.5
16	2.5	1.5	2.0	2.5	2.0	2.0	8.0	4.0	6.0	13.5	10.0	11.5
17	3.0	2.0	2.5	3.0	1.5	2.0	7.0	5.0	6.0	14.0	8.5	11.5
18	2.5	2.0	2.5	3.0	2.0	2.5	7.5	4.5	6.0	16.0	9.5	12.5
19	2.5	2.0	2.5	3.0	1.5	2.5	8.0	4.0	6.0	17.0	10.0	13.5
20	3.0	2.5	2.5	3.5	2.0	3.0	9.5	4.5	7.0	17.5	10.5	14.0
21	3.5	2.5	3.0	4.0	2.5	3.0	10.0	5.0	7.5	17.5	11.5	14.5
22	3.0	2.0	2.5	5.0	3.0	4.0	8.0	6.0	6.5	17.0	10.0	14.0
23	4.0	2.5	3.0	5.0	3.0	4.0	7.0	4.5	5.5	17.5	10.5	14.0
24	3.0	2.0	2.5	5.0	4.0	4.5	6.0	5.0	5.0	14.0	11.5	12.5
25	3.0	2.0	2.5	5.5	3.5	4.0	5.5	5.0	5.0	13.0	11.5	12.0
26	2.5	1.5	2.0	5.0	3.0	4.0	7.0	5.0	6.0	13.5	11.0	12.0
27	2.0	1.0	1.5	5.0	3.5	4.0	8.0	5.0	6.0	15.0	10.5	12.5
28	2.0	0.0	1.5	4.5	3.5	4.0	9.0	5.0	6.5	12.5	10.5	11.5
29	2.5	1.0	2.0	4.0	3.5	3.5	10.0	5.0	7.0	11.5	10.0	11.0
30	---	---	---	4.0	2.5	3.5	11.5	6.0	8.0	11.5	10.0	10.5
31	---	---	---	4.0	2.0	3.0	---	---	---	10.0	9.0	9.5
MONTH	4.0	0.0	1.5	5.5	0.5	2.7	11.5	2.0	5.7	17.5	6.0	11.0
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.0	8.0	9.0	18.0	16.0	17.0	16.5	14.0	15.0	15.0	11.0	13.0
2	9.5	8.0	9.0	17.0	16.0	16.5	15.5	13.5	14.0	13.5	11.0	12.5
3	13.0	8.0	10.0	18.0	15.5	17.0	15.0	12.5	13.5	13.0	12.0	12.5
4	11.5	9.5	10.5	17.0	15.5	16.5	15.5	12.0	14.0	13.0	11.5	12.0
5	15.0	10.5	12.5	16.5	14.0	15.5	15.0	13.0	14.0	12.0	10.0	11.0
6	14.0	11.0	12.5	14.0	11.5	13.0	14.0	11.5	13.0	12.5	10.5	11.5
7	17.5	11.5	14.5	14.5	11.0	12.5	14.5	11.0	12.5	12.5	11.0	11.5
8	16.5	13.0	14.5	17.0	12.5	14.5	15.5	12.0	13.5	12.0	10.0	11.0
9	17.0	13.0	14.5	17.5	13.5	15.0	18.0	12.5	15.5	13.0	10.0	11.5
10	14.5	12.5	14.0	16.0	14.5	15.0	17.5	14.0	16.0	11.5	9.5	10.5
11	13.0	12.0	12.5	17.0	14.0	15.0	18.5	14.5	16.5	12.5	10.0	11.0
12	13.5	11.5	12.5	19.5	13.0	16.5	18.5	14.5	16.5	11.5	10.0	11.0
13	13.0	12.5	12.5	21.0	14.5	18.0	19.0	14.0	17.0	11.5	10.5	11.0
14	13.5	12.5	13.0	22.0	15.5	18.5	20.0	14.0	17.5	11.0	9.5	10.5
15	13.0	12.0	12.5	23.0	15.5	19.5	20.0	16.0	18.5	10.5	9.0	10.0
16	17.5	12.5	14.5	20.0	16.0	18.0	20.5	16.5	19.0	10.0	8.0	9.0
17	20.0	13.5	16.5	18.5	16.0	17.0	19.5	17.0	17.5	10.5	7.5	9.0
18	21.0	15.0	18.0	21.0	14.0	17.0	19.0	16.5	17.5	11.0	9.0	10.0
19	22.0	16.5	19.5	18.5	16.0	16.5	18.0	14.5	17.0	10.0	8.0	9.0
20	23.5	17.5	20.5	17.0	15.0	16.0	18.5	16.5	17.5	10.0	8.5	9.0
21	23.0	18.0	20.5	17.5	15.5	16.5	19.0	15.5	17.5	10.5	9.5	10.5
22	20.5	18.5	19.5	20.0	13.5	17.0	19.0	14.5	17.0	10.0	10.0	10.0
23	21.5	17.0	19.5	20.5	14.0	17.5	17.5	13.5	16.0	10.5	10.0	10.0
24	20.5	17.5	19.0	18.5	16.5	17.5	17.0	12.0	15.0	10.5	10.0	10.5
25	19.0	17.0	17.5	19.5	16.0	17.5	17.0	12.0	15.0	10.0	9.0	9.5
26	17.0	16.0	16.0	17.0	15.5	16.0	15.5	13.0	14.0	10.0	8.5	9.0
27	16.0	15.5	16.0	19.5	15.5	17.0	15.0	13.0	14.0	10.5	9.0	9.5
28	17.0	15.0	16.0	18.0	16.5	17.5	15.0	12.5	13.5	9.5	7.5	8.5
29	17.0	15.5	16.5	16.5	14.5	15.5	16.0	13.0	14.5	9.5	8.0	8.5
30	18.5	16.0	17.0	17.0	14.0	15.5	14.5	12.5	13.5	9.5	7.5	8.5
31	---	---	---	18.5	13.0	15.5	15.0	11.0	13.0	---	---	---
MONTH	23.5	8.0	15.0	23.0	11.0	16.4	20.5	11.0	15.4	15.0	7.5	10.4