

SOUTHEAST ALASKA

15056030 KAKUHAN CREEK NEAR HAINES

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: August 1998 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. Temperature at the sensor was compared with the stream average by cross section on July 25. No variation was found within the cross section. No variation was found between mean stream temperature and sensor temperature.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURE: Maximum, 15.5°C, August 16, 2004; minimum, 0.0°C, on many days during winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 15.0°C, August 12; 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 (00004)	Location in X-sect. looking dwnstrm ft from l bank (00009)	Gage height, feet (00065)	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)
JUL							
25...	0927	14.0	1.50	7.79	18	9.4	13.6
25...	0928	14.0	4.50	7.79	18	9.4	13.6
25...	0929	14.0	7.50	7.79	18	9.4	13.6
25...	0930	14.0	10.5	7.79	18	9.4	13.6
25...	0931	14.0	13.5	7.79	18	9.4	13.6

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	8.5	7.5	8.0	2.0	1.0	1.5	5.0	4.0	4.5	0.0	0.0	0.0
2	8.0	7.0	7.5	2.5	1.5	1.5	4.5	3.5	4.0	0.0	0.0	0.0
3	8.0	7.0	7.0	4.5	2.5	3.5	4.0	1.5	3.0	0.0	0.0	0.0
4	7.0	6.5	7.0	2.5	1.5	2.0	1.5	0.0	0.5	0.5	0.0	0.0
5	7.5	6.0	6.5	1.5	0.5	1.0	0.0	0.0	0.0	0.5	0.0	0.5
6	6.5	5.5	6.0	1.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
7	7.0	6.0	6.5	1.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.5
8	6.5	6.0	6.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5
9	7.0	5.5	6.0	1.5	0.5	1.0	0.0	0.0	0.0	0.5	0.0	0.5
10	7.5	6.0	6.5	1.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
11	7.0	5.0	6.0	1.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0
12	8.5	4.5	5.5	2.5	1.0	1.5	1.0	0.5	1.0	0.0	0.0	0.0
13	9.0	7.0	7.5	3.5	2.5	3.0	1.0	0.5	1.0	0.0	0.0	0.0
14	7.5	6.0	7.0	4.0	3.0	3.5	2.0	1.0	1.5	0.0	0.0	0.0
15	7.5	4.5	6.0	3.5	3.5	3.5	2.0	1.0	1.5	0.0	0.0	0.0
16	5.0	3.0	4.0	3.5	3.0	3.5	3.0	2.0	2.5	0.0	0.0	0.0
17	3.5	2.0	2.5	3.0	2.5	2.5	3.5	3.0	3.5	0.0	0.0	0.0
18	2.0	0.0	0.5	3.0	2.5	2.5	4.5	3.0	3.5	0.0	0.0	0.0
19	0.5	0.0	0.0	3.5	1.5	2.5	3.0	2.5	3.0	0.5	0.0	0.5
20	2.0	0.5	1.0	4.0	3.0	3.5	3.0	0.5	2.0	0.5	0.5	0.5
21	2.5	1.5	2.0	3.5	2.5	3.0	1.0	0.5	1.0	0.5	0.5	0.5
22	2.5	0.5	1.5	3.0	2.0	2.5	3.5	0.5	1.5	0.5	0.0	0.5
23	0.5	0.0	0.0	2.5	2.0	2.0	4.5	3.5	4.0	1.0	0.5	0.5
24	1.5	0.0	0.5	2.5	1.0	2.0	4.0	0.0	3.0	1.0	0.5	1.0
25	2.0	1.0	1.5	2.5	2.0	2.5	0.0	0.0	0.0	1.0	0.5	1.0
26	2.5	0.5	1.5	2.5	2.0	2.0	0.0	0.0	0.0	1.0	0.5	0.5
27	3.5	1.5	2.5	3.5	2.0	3.0	0.0	0.0	0.0	0.5	0.0	0.0
28	4.0	3.5	3.5	4.0	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0
29	4.0	3.0	3.5	4.0	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0
30	3.5	2.5	3.0	4.0	3.0	3.5	0.0	0.0	0.0	0.5	0.0	0.5
31	3.0	2.0	2.5	---	---	---	0.0	0.0	0.0	1.0	0.5	1.0
MONTH	9.0	0.0	4.2	4.5	0.0	2.2	5.0	0.0	1.3	1.0	0.0	0.3

SOUTHEAST ALASKA

15056030 KAKUHAN CREEK NEAR HAINES—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	1.0	0.0	0.5	1.0	0.5	1.0	1.0	0.5	0.5	6.5	3.5	4.5
2	0.0	0.0	0.0	1.5	0.5	1.0	0.5	0.0	0.0	6.5	3.5	4.5
3	0.0	0.0	0.0	1.5	1.0	1.5	1.0	0.0	0.5	6.5	4.0	5.0
4	0.0	0.0	0.0	1.5	1.0	1.5	2.5	1.0	1.5	6.5	4.5	5.0
5	0.0	0.0	0.0	2.0	1.0	1.5	2.5	1.5	2.0	7.0	3.5	5.0
6	0.0	0.0	0.0	2.0	1.0	1.5	3.5	2.0	2.5	8.5	4.0	5.5
7	0.0	0.0	0.0	2.0	1.0	1.5	3.0	1.0	2.0	8.0	4.0	5.5
8	0.0	0.0	0.0	2.0	1.5	2.0	3.0	1.0	2.0	8.5	4.0	6.0
9	0.5	0.0	0.0	2.5	2.0	2.0	2.5	2.5	2.5	8.5	5.0	6.0
10	0.5	0.5	0.5	2.0	1.5	2.0	3.5	2.0	2.5	8.5	4.5	6.0
11	0.5	0.5	0.5	3.0	1.5	2.0	3.0	2.0	2.5	9.0	5.0	6.5
12	0.5	0.0	0.0	3.5	2.5	3.0	3.5	2.5	3.0	6.5	5.0	6.0
13	0.0	0.0	0.0	3.5	2.5	2.5	3.5	2.5	3.0	7.5	5.5	6.0
14	0.0	0.0	0.0	3.0	2.0	2.5	4.0	2.5	3.0	7.5	5.0	6.0
15	0.0	0.0	0.0	2.0	0.5	1.5	3.5	1.5	2.5	7.0	4.5	5.5
16	0.5	0.0	0.0	1.0	0.0	0.5	3.0	1.5	2.5	7.0	5.0	6.0
17	0.5	0.5	0.5	1.5	0.0	0.5	4.5	2.5	3.0	8.0	4.5	6.0
18	0.5	0.5	0.5	0.5	0.0	0.0	3.0	2.5	3.0	9.0	4.5	6.5
19	0.5	0.0	0.0	0.0	0.0	0.0	4.5	1.5	3.0	7.5	5.0	6.0
20	0.5	0.0	0.0	0.0	0.0	0.0	5.0	3.5	4.0	8.5	5.5	6.5
21	0.5	0.0	0.5	0.0	0.0	0.0	6.0	3.5	4.5	7.5	5.0	6.5
22	0.5	0.5	0.5	0.0	0.0	0.0	5.5	3.0	4.0	9.5	4.5	6.5
23	0.5	0.5	0.5	0.0	0.0	0.0	8.0	3.5	5.0	9.5	5.5	7.0
24	1.0	0.5	0.5	0.0	0.0	0.0	7.5	3.5	5.0	7.5	6.0	6.5
25	1.0	1.0	1.0	0.5	0.0	0.5	7.5	4.0	5.0	8.5	5.0	6.5
26	1.0	0.5	0.5	1.5	0.5	1.0	7.0	4.0	5.0	8.5	6.0	7.0
27	1.0	1.0	1.0	2.0	1.0	1.5	7.5	4.0	5.0	7.0	5.5	6.5
28	1.0	0.5	1.0	1.5	0.5	1.0	6.0	4.0	5.0	9.0	5.0	6.5
29	---	---	---	2.0	1.0	1.0	6.0	3.5	4.5	9.0	6.0	7.5
30	---	---	---	2.5	1.0	1.5	5.5	3.0	4.0	8.0	6.0	7.0
31	---	---	---	2.0	0.5	1.0	---	---	---	9.5	5.0	7.0
MONTH	1.0	0.0	0.3	3.5	0.0	1.1	8.0	0.0	3.1	9.5	3.5	6.1
	JUNE			JULY			AUGUST			SEPTEMBER		
1	9.5	5.5	7.0	10.0	8.5	9.0	10.5	8.0	9.0	8.5	6.5	7.5
2	9.0	5.0	6.5	9.0	8.0	8.5	11.0	8.5	9.5	10.5	7.0	8.0
3	9.0	5.0	6.5	9.5	7.5	8.5	9.0	8.0	8.5	10.0	7.5	8.5
4	7.0	6.0	6.5	10.0	6.5	8.0	9.0	8.0	8.5	9.5	8.0	8.5
5	10.0	5.0	7.0	11.0	6.5	8.5	9.5	8.0	8.5	8.5	8.0	8.0
6	10.5	6.5	8.0	10.5	8.0	9.0	12.0	8.0	9.5	8.5	8.0	8.5
7	10.5	5.5	8.0	9.5	7.5	8.5	13.0	8.5	10.5	9.5	7.5	8.5
8	11.5	6.5	8.5	13.0	6.5	9.5	13.5	9.0	11.0	11.0	7.5	8.5
9	11.0	7.0	8.5	13.0	8.5	10.5	14.0	9.5	11.0	10.5	6.5	8.0
10	9.0	6.5	7.5	10.5	9.0	9.5	14.0	9.0	11.0	8.5	7.5	8.0
11	9.5	6.5	8.0	11.0	8.5	9.5	14.5	9.5	11.5	11.0	8.0	9.0
12	9.5	7.0	8.0	11.0	9.0	10.0	15.0	10.0	12.0	9.0	8.5	8.5
13	11.5	7.0	8.5	10.0	8.0	9.0	14.5	10.5	12.0	11.0	7.5	9.0
14	8.0	7.0	7.5	10.0	8.0	8.5	13.5	10.5	11.5	10.0	7.5	8.5
15	8.0	6.5	7.5	12.0	8.0	9.5	11.0	9.5	10.5	10.0	6.5	8.0
16	12.0	7.0	9.0	10.5	8.0	9.5	12.5	9.5	10.5	8.0	7.0	7.5
17	13.0	7.5	9.5	9.5	8.0	8.5	11.0	9.0	10.0	8.0	6.5	7.5
18	13.0	8.0	10.0	10.0	7.5	9.0	10.5	9.5	10.0	7.5	6.5	7.0
19	9.5	7.5	8.5	12.0	8.0	9.5	10.5	8.5	9.5	7.5	7.0	7.0
20	8.0	6.0	7.0	12.0	7.5	9.5	9.0	8.0	8.5	8.0	6.5	7.0
21	7.5	5.5	6.5	10.0	8.0	9.0	9.0	8.0	8.5	8.0	6.5	7.0
22	8.0	6.5	7.5	13.5	8.5	10.5	9.0	8.0	8.5	8.0	6.5	7.0
23	8.5	7.0	8.0	13.0	8.5	10.5	10.0	7.5	8.5	8.5	7.0	8.0
24	11.5	6.0	8.5	11.5	9.0	10.0	9.0	8.5	8.5	10.5	7.0	8.5
25	13.0	7.5	10.0	10.0	8.5	9.5	9.5	8.0	9.0	8.0	6.5	7.0
26	13.5	8.0	10.5	10.5	8.5	9.5	9.5	7.0	8.0	8.0	6.0	6.5
27	13.0	9.0	10.5	11.0	8.5	9.5	10.0	6.5	8.5	6.5	5.0	6.0
28	9.5	8.5	9.0	10.0	7.5	8.5	11.0	7.5	9.0	7.0	5.5	6.5
29	11.0	8.0	9.0	9.5	7.5	8.5	8.5	7.5	8.0	7.0	6.0	6.5
30	10.5	8.0	9.0	10.0	7.5	8.5	8.5	7.5	8.0	7.0	6.0	6.5
31	---	---	---	11.0	8.0	9.0	8.0	7.0	7.5	---	---	---
MONTH	13.5	5.0	8.2	13.5	6.5	9.2	15.0	6.5	9.5	11.0	5.0	7.7