

SOUTHEAST ALASKA

15056210 TAIYA RIVER NEAR SKAGWAY

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1969-74, 1976-1977, and 2004 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: June to October 1971, July 1972 to October 1973, March to September 1974, February to September 1977, and October 2003 to current year.

INSTRUMENTATION.--Electronic water temperature recorder set at 15-minute recording interval.

REMARKS.--Records represent water temperature at sensor within 1.0°C. Temperature at the sensor was compared with the stream average by cross section on July 29. A variation of 0.1°C was found within the cross section. The variation found between mean stream temperature and sensor temperature was less than 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 10.0°C, May 21, 1974; minimum, 0.0°C, on many days during winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 9.0°C, June 6, 24-26, and 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)
JUL							
29...	0746	185	6.00	15.44	3250	4.8	10.8
29...	0747	185	37.0	15.44	3250	4.8	10.8
29...	0748	185	68.0	15.44	3250	4.8	10.8
29...	0749	185	99.0	15.44	3250	4.8	10.8
29...	0750	185	130	15.44	3250	4.9	10.8
29...	0751	185	161	15.44	3250	4.9	10.8

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	6.0	5.0	5.5	3.0	2.5	3.0	4.5	3.5	4.0	0.5	0.0	0.5
2	5.5	4.5	5.0	3.0	2.0	2.5	4.0	2.5	3.5	0.5	0.0	0.5
3	5.5	4.5	5.0	3.5	2.0	3.0	4.0	2.5	3.5	0.5	0.0	0.5
4	5.5	4.0	5.0	3.5	2.5	3.0	3.0	0.0	1.5	0.5	0.0	0.5
5	5.5	4.0	4.5	3.0	1.5	2.0	0.5	0.0	0.5	0.5	0.0	0.5
6	5.5	4.0	4.5	2.5	1.5	2.0	0.5	0.0	0.5	0.5	0.0	0.5
7	5.5	4.5	5.0	2.0	0.0	1.0	0.5	0.0	0.5	0.5	0.0	0.5
8	6.0	4.0	5.0	1.0	0.0	0.5	0.5	0.0	0.5	0.5	0.0	0.5
9	6.0	4.5	5.0	2.0	0.0	1.0	0.5	0.0	0.5	0.5	0.0	0.5
10	6.0	4.5	5.0	2.5	1.5	2.0	0.5	0.0	0.5	0.5	0.0	0.5
11	5.5	4.0	4.5	2.5	1.0	1.5	1.5	0.0	1.0	0.5	0.0	0.5
12	5.0	3.0	4.0	2.5	1.0	1.5	2.0	1.0	1.5	1.0	0.0	0.5
13	6.0	4.5	5.5	3.0	2.0	2.5	2.0	0.5	1.5	1.0	0.0	0.5
14	5.5	4.0	5.0	3.5	2.0	3.0	2.5	1.0	2.0	1.0	0.0	0.5
15	5.0	4.0	4.5	3.0	2.5	3.0	2.5	1.5	2.0	0.5	0.0	0.5
16	4.5	2.5	3.5	3.5	2.0	3.0	2.5	0.5	1.5	0.5	0.0	0.5
17	3.5	2.5	3.0	3.0	2.0	2.5	2.5	1.0	2.0	0.5	0.0	0.5
18	3.0	1.0	2.0	3.0	2.5	3.0	3.0	2.0	2.5	0.5	0.0	0.5
19	2.0	0.0	1.0	3.5	2.0	2.5	3.0	2.5	2.5	0.5	0.0	0.5
20	2.0	1.0	1.5	3.5	2.5	3.0	3.0	2.0	2.5	0.5	0.0	0.5
21	2.5	1.0	1.5	3.5	2.0	2.5	2.5	1.5	2.0	0.5	0.0	0.5
22	2.5	0.5	2.0	3.5	2.5	3.0	3.5	1.5	2.5	0.5	0.0	0.5
23	1.0	0.0	0.5	3.0	2.5	3.0	4.0	2.5	3.0	0.5	0.0	0.5
24	2.0	0.5	1.0	3.0	2.0	2.5	3.0	1.5	2.5	0.5	0.0	0.5
25	2.5	1.0	2.0	3.5	2.5	3.0	1.5	0.0	0.5	0.5	0.0	0.0
26	2.0	0.5	1.0	3.0	2.5	3.0	0.5	0.0	0.5	0.5	0.0	0.5
27	3.0	1.5	2.5	3.5	2.5	3.0	0.5	0.0	0.5	0.5	0.0	0.0
28	4.0	2.5	3.0	4.0	3.0	3.5	0.5	0.0	0.5	0.5	0.0	0.0
29	3.5	1.0	2.5	4.0	3.0	3.5	0.5	0.0	0.5	0.5	0.0	0.0
30	3.5	2.5	3.0	4.0	3.0	3.5	0.5	0.0	0.5	0.5	0.0	0.0
31	3.5	2.5	3.0	---	---	---	0.5	0.0	0.5	0.5	0.0	0.5
MONTH	6.0	0.0	3.4	4.0	0.0	2.5	4.5	0.0	1.5	1.0	0.0	0.4

SOUTHEAST ALASKA

15056210 TAIYA RIVER NEAR SKAGWAY—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	0.5	0.0	0.0	1.0	0.5	0.5	4.0	1.0	2.5	7.0	2.0	4.0
2	0.5	0.0	0.0	1.0	0.0	0.5	4.5	1.5	3.0	7.5	2.0	4.5
3	0.5	0.0	0.5	1.5	0.0	0.5	4.5	1.5	3.0	7.0	2.5	4.5
4	0.5	0.0	0.0	1.5	0.5	1.0	5.0	2.5	3.5	6.0	3.0	4.5
5	0.5	0.0	0.5	2.0	0.5	1.5	5.0	2.0	3.5	8.5	3.0	5.5
6	0.5	0.0	0.5	2.5	0.5	1.5	6.5	3.0	4.5	8.0	2.5	5.0
7	0.5	0.0	0.0	3.0	1.0	2.0	5.5	1.0	3.0	8.5	2.5	5.0
8	0.5	0.0	0.0	2.0	0.5	1.5	5.5	0.5	3.0	8.5	2.5	5.0
9	0.5	0.0	0.0	1.5	0.5	1.0	5.5	2.5	4.0	8.0	3.0	5.0
10	0.5	0.0	0.0	1.0	0.0	0.5	6.5	3.0	4.0	8.0	3.0	5.0
11	0.5	0.0	0.0	2.5	0.5	1.5	5.5	2.0	4.0	8.0	3.0	5.0
12	0.5	0.0	0.5	3.0	1.5	2.0	5.0	3.0	4.0	6.5	3.5	5.0
13	0.5	0.0	0.0	2.5	1.0	2.0	4.5	2.5	3.5	6.5	3.5	4.5
14	0.5	0.0	0.0	3.5	1.5	2.5	5.0	2.5	4.0	6.5	3.5	4.5
15	0.5	0.0	0.0	3.0	0.5	1.5	6.5	2.0	4.0	6.5	3.5	5.0
16	0.5	0.0	0.0	3.0	0.0	1.5	6.0	2.0	4.0	6.5	3.5	4.5
17	0.5	0.0	0.0	2.5	0.0	1.0	6.5	2.5	4.5	6.5	3.5	4.5
18	0.5	0.0	0.0	1.5	0.0	0.5	5.0	3.0	4.0	7.5	2.5	5.0
19	0.5	0.0	0.0	0.5	0.0	0.0	4.0	2.0	3.0	7.5	3.0	5.0
20	0.5	0.0	0.0	0.5	0.0	0.0	5.5	2.5	4.0	7.0	3.5	5.0
21	0.5	0.0	0.0	0.5	0.0	0.0	5.5	2.5	3.5	6.5	3.5	5.0
22	0.5	0.0	0.0	1.5	0.0	0.5	6.5	1.5	4.0	8.0	3.0	5.0
23	0.5	0.0	0.0	4.0	0.5	2.0	8.0	1.5	4.0	7.0	3.5	5.0
24	0.5	0.0	0.5	3.5	0.0	1.5	7.0	1.5	3.5	6.5	4.0	5.0
25	1.5	0.0	0.5	3.0	0.5	2.0	6.5	2.0	3.5	7.5	3.5	5.5
26	1.0	0.5	1.0	4.5	1.5	3.0	6.0	2.0	3.5	6.5	4.0	5.5
27	1.5	0.5	1.0	5.0	2.5	3.5	6.5	2.0	4.0	6.0	4.0	5.0
28	1.5	0.5	1.0	5.0	1.5	3.5	6.0	2.5	4.0	7.5	4.0	5.5
29	---	---	---	3.0	2.0	2.5	6.5	2.0	4.0	7.0	3.5	5.5
30	---	---	---	4.5	1.5	3.0	6.5	2.5	4.0	7.0	4.5	5.5
31	---	---	---	3.5	2.0	3.0	---	---	---	8.5	3.5	5.5
MONTH	1.5	0.0	0.2	5.0	0.0	1.5	8.0	0.5	3.7	8.5	2.0	5.0
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	JUNE			JULY			AUGUST			SEPTEMBER		
1	8.0	3.5	5.5	6.5	5.0	5.5	6.5	4.5	5.5	6.5	4.5	5.0
2	8.5	3.5	5.5	6.0	5.0	5.5	7.0	5.0	6.0	6.5	4.5	5.0
3	8.5	3.5	6.0	7.0	4.5	5.5	6.0	5.0	5.5	7.0	4.5	5.5
4	5.5	4.5	5.0	7.0	4.5	5.5	6.0	5.0	5.5	6.0	4.5	5.5
5	8.0	3.5	5.5	8.5	4.0	6.0	5.5	4.5	5.0	5.5	4.5	5.0
6	9.0	4.0	6.0	6.5	5.0	6.0	7.5	4.5	5.5	5.5	4.5	5.0
7	8.0	4.0	5.5	6.5	4.5	5.5	7.5	4.5	6.0	6.0	5.0	5.5
8	8.5	4.0	6.0	9.0	4.5	6.5	7.5	4.5	6.0	6.5	4.5	5.5
9	8.5	4.5	6.0	8.5	5.0	6.5	8.0	5.0	6.0	7.0	4.0	5.0
10	7.0	4.5	5.5	8.0	5.5	6.5	8.0	4.5	6.0	5.5	4.5	5.0
11	8.0	4.5	6.0	7.5	5.0	6.0	8.0	4.5	6.0	7.0	4.5	5.5
12	7.0	4.5	5.5	6.5	5.0	6.0	8.0	4.5	6.0	6.0	4.5	5.0
13	8.5	4.5	6.0	7.0	5.0	6.0	7.5	5.0	6.0	6.0	5.0	5.5
14	6.5	4.5	5.5	6.5	5.0	5.5	7.0	4.5	5.5	6.5	4.5	5.0
15	6.0	4.5	5.0	8.5	4.5	6.0	7.5	4.5	5.5	6.5	4.0	5.0
16	8.5	4.0	6.0	7.0	4.5	5.5	6.5	5.0	5.5	6.0	5.0	5.5
17	8.5	4.5	6.0	6.5	5.0	6.0	6.0	4.5	5.0	5.5	4.5	5.0
18	8.5	4.5	6.0	6.0	4.5	5.5	6.0	4.5	5.5	5.0	4.0	4.5
19	5.5	5.0	5.0	8.0	4.5	6.0	6.0	4.5	5.5	5.5	4.5	5.0
20	6.0	4.5	5.0	7.0	4.5	5.5	6.0	4.5	5.0	5.5	4.5	5.0
21	6.0	4.0	5.0	7.0	5.0	5.5	6.0	4.5	5.0	6.0	4.5	5.0
22	6.0	4.5	5.0	8.5	4.5	6.0	6.0	4.5	5.0	6.0	4.5	5.0
23	7.0	4.5	5.5	8.5	4.5	6.5	5.5	4.5	5.0	6.0	4.5	5.5
24	9.0	4.5	6.5	7.5	5.5	6.0	5.5	4.5	5.0	6.5	5.0	6.0
25	9.0	4.5	6.5	6.5	5.0	6.0	5.5	4.5	5.0	5.5	4.0	4.5
26	9.0	4.5	6.5	7.0	5.0	6.0	5.5	4.5	5.0	5.5	4.0	4.5
27	8.5	5.0	6.5	7.0	5.0	6.0	6.0	4.0	5.0	5.0	4.0	4.5
28	6.5	5.0	5.5	6.5	5.0	5.5	7.0	4.5	5.5	5.0	3.0	4.0
29	7.5	5.0	6.0	6.5	4.5	5.5	5.0	4.0	4.5	5.5	4.5	5.0
30	8.0	5.0	6.0	7.0	4.5	5.5	5.5	4.5	5.0	5.5	4.5	4.5
31	---	---	---	7.0	4.5	5.5	5.5	4.5	5.0	---	---	---
MONTH	9.0	3.5	5.7	9.0	4.0	5.8	8.0	4.0	5.4	7.0	3.0	5.0