

# SOUTHEAST ALASKA

15106920 KADASHAN RIVER ABOVE HOOK CREEK NEAR TENAKEE

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1967-72, 1974-77, 1981-1985, and 1987 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: November 1967 to September 1978, December 1981 to December 1984, March 1987 to March 1988, and September 1988 to current year.

INSTRUMENTATION.--Digital water-temperature recorder, November 1967 to December 1984, set for 1-hour punch interval. Electronic water-temperature recorder, March 1987 to July 1996, set for 2-hour recording interval. Electronic water-temperature recorder with 15-minute recording interval since July 11, 1996.

REMARKS.--Records represent water temperature at the sensor within 0.5°C. Temperature at the sensor was compared with the stream average by cross sections on January 6. 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, 16.5°C, July 15, 1993; minimum, 0.0°C, on many days during most winters.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 13.5°C, August 11-14; 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)
JAN							
06...	1030	32.0	4.00	1.44	21	1.0	-.5
06...	1031	32.0	10.0	1.44	21	1.0	-.5
06...	1032	32.0	16.0	1.44	21	1.0	-.5
06...	1033	32.0	22.0	1.44	21	1.0	-.5
06...	1034	32.0	28.0	1.44	21	1.0	-.5

### TEMPERATURE, WATER, DEGREE 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	---	---	---	4.0	3.5	3.5	4.0	4.0	4.0	0.0	0.0	0.0
2	---	---	---	3.5	3.0	3.0	4.0	3.5	4.0	0.0	0.0	0.0
3	---	---	---	3.5	3.0	3.5	4.0	2.5	3.5	1.5	0.0	0.5
4	---	---	---	4.0	3.5	3.5	3.0	2.5	3.0	1.5	1.0	1.5
5	---	---	---	3.5	3.0	3.0	3.0	2.0	2.5	1.5	1.0	1.5
6	---	---	---	3.0	3.0	3.0	2.0	2.0	2.0	1.0	0.5	1.0
7	---	---	---	3.0	3.0	3.0	2.0	1.0	1.5	0.5	0.0	0.0
8	---	---	---	3.0	2.0	2.5	1.5	1.0	1.0	0.5	0.0	0.0
9	---	---	---	2.5	2.0	2.5	1.5	1.0	1.5	0.5	0.0	0.0
10	---	---	---	2.0	1.5	2.0	2.0	1.5	1.5	1.0	0.0	0.5
11	---	---	---	2.0	1.5	2.0	2.0	1.0	1.5	0.0	0.0	0.0
12	---	---	---	2.5	2.0	2.5	2.0	1.0	1.5	0.0	0.0	0.0
13	8.5	8.0	8.0	2.5	1.5	2.0	2.0	1.5	2.0	0.0	0.0	0.0
14	8.0	7.0	7.5	3.0	2.0	2.5	2.0	1.5	2.0	0.0	0.0	0.0
15	7.5	6.5	7.0	3.5	3.0	3.5	2.5	2.0	2.0	0.0	0.0	0.0
16	6.5	5.0	6.0	3.5	3.0	3.5	3.0	2.0	2.5	0.0	0.0	0.0
17	5.0	4.5	4.5	3.5	3.0	3.0	3.5	3.0	3.0	0.0	0.0	0.0
18	4.5	3.5	4.0	3.5	3.0	3.5	3.5	1.5	3.5	0.0	0.0	0.0
19	3.5	3.0	3.5	4.0	3.0	3.5	2.5	1.5	2.0	0.0	0.0	0.0
20	4.0	3.5	3.5	4.5	4.0	4.0	2.5	2.5	2.5	0.0	0.0	0.0
21	4.0	3.0	3.5	4.0	3.5	4.0	2.5	2.0	2.5	0.0	0.0	0.0
22	3.5	3.0	3.0	4.0	3.5	3.5	3.0	2.5	2.5	0.0	0.0	0.0
23	3.0	2.0	2.5	4.0	2.5	3.5	3.5	2.5	3.0	0.5	0.0	0.0
24	3.5	3.0	3.0	3.0	2.5	2.5	3.5	2.5	3.0	1.0	0.5	0.5
25	4.0	3.0	3.5	3.0	2.5	2.5	2.5	1.5	2.0	1.0	1.0	1.0
26	3.5	2.5	3.0	3.0	2.5	2.5	1.5	1.0	1.5	1.0	0.5	1.0
27	4.5	3.5	4.0	3.5	3.0	3.0	1.5	0.5	1.0	1.0	0.5	0.5
28	5.0	4.0	4.5	3.5	3.0	3.5	1.5	1.0	1.0	1.0	0.5	1.0
29	5.0	4.5	4.5	3.5	3.5	3.5	1.0	0.0	0.5	1.0	1.0	1.0
30	4.5	3.5	4.0	4.0	3.5	3.5	0.0	0.0	0.0	1.0	0.0	0.5
31	4.0	3.5	3.5	---	---	---	0.0	0.0	0.0	1.0	0.0	0.5
MONTH	---	---	---	4.5	1.5	3.0	4.0	0.0	2.1	1.5	0.0	0.4

# SOUTHEAST ALASKA

## 15106920 KADASHAN RIVER ABOVE HOOK CREEK NEAR TENAKEE—Continued

TEMPERATURE, WATER, DEGREE 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	2.0	1.5	2.0	1.5	0.0	1.0	6.0	4.5	5.0
2	1.5	0.5	1.0	2.5	2.0	2.0	1.0	0.0	0.5	6.0	4.5	5.5
3	1.5	1.0	1.5	2.5	2.0	2.0	2.0	0.5	1.0	6.0	5.0	5.5
4	1.5	0.5	1.0	2.0	1.5	2.0	2.5	1.0	1.5	6.0	4.5	5.5
5	0.5	0.0	0.0	2.5	1.5	2.0	2.5	1.5	2.0	6.0	4.5	5.5
6	0.0	0.0	0.0	2.5	1.5	2.0	2.5	1.5	2.0	6.5	4.0	5.5
7	0.5	0.0	0.0	3.0	2.0	2.0	2.5	1.0	2.0	7.0	4.5	6.0
8	0.5	0.0	0.5	2.5	1.5	2.0	3.0	1.5	2.0	7.0	4.5	6.0
9	1.0	0.5	0.5	2.5	1.5	2.0	3.5	2.5	3.0	7.5	5.0	6.0
10	1.0	0.5	1.0	2.5	1.5	2.0	3.5	2.0	3.0	7.5	5.0	6.5
11	1.5	1.0	1.0	2.5	2.0	2.0	4.0	2.5	3.0	7.5	6.0	6.5
12	1.0	0.5	1.0	3.0	2.5	2.5	3.5	2.5	3.0	6.5	6.0	6.0
13	1.0	0.5	1.0	3.5	2.5	3.0	3.5	2.0	3.0	6.5	6.0	6.0
14	1.5	0.5	1.0	3.5	2.5	3.0	4.0	2.5	3.0	7.0	6.0	6.5
15	2.0	1.0	1.5	3.0	2.0	2.5	3.5	2.0	3.0	7.0	5.5	6.5
16	1.5	1.5	1.5	2.5	1.5	2.0	4.5	3.0	3.5	8.0	6.0	7.0
17	1.5	1.5	1.5	2.0	1.0	1.5	4.0	2.5	3.5	7.5	6.0	7.0
18	2.0	1.5	1.5	2.0	1.0	1.5	3.5	2.5	3.0	8.0	5.5	6.5
19	2.0	1.5	1.5	1.0	0.5	0.5	4.0	3.0	3.5	8.0	6.5	7.0
20	1.5	1.0	1.0	0.5	0.0	0.5	4.0	3.0	3.5	9.0	7.0	7.5
21	2.0	1.0	1.5	1.0	0.0	0.5	4.5	3.5	4.0	8.5	7.0	7.5
22	2.0	1.5	2.0	2.0	1.0	1.5	5.0	3.0	4.0	8.5	6.0	7.5
23	2.0	1.5	1.5	2.5	1.5	2.0	5.0	3.0	4.0	8.0	7.0	7.5
24	2.0	1.5	1.5	2.0	1.0	1.5	5.5	3.0	4.0	7.5	7.0	7.5
25	2.0	1.5	1.5	2.0	1.0	1.5	5.5	3.5	4.5	8.5	6.5	7.5
26	2.0	1.5	2.0	3.0	2.0	2.5	6.0	3.5	4.5	8.5	7.5	8.0
27	2.5	1.5	2.0	2.5	2.0	2.0	6.0	3.5	5.0	8.0	7.5	8.0
28	2.0	1.5	2.0	2.0	1.5	1.5	6.0	4.0	5.0	9.0	7.0	8.0
29	---	---	---	2.0	1.0	1.5	6.0	4.0	5.0	9.0	8.0	8.5
30	---	---	---	2.5	1.5	2.0	5.5	3.0	4.5	9.5	8.0	9.0
31	---	---	---	2.0	1.0	1.5	---	---	---	9.5	7.0	8.5
MONTH	2.5	0.0	1.2	3.5	0.0	1.8	6.0	0.0	3.1	9.5	4.0	6.8
	JUNE			JULY			AUGUST			SEPTEMBER		
1	10.0	8.0	9.0	11.5	11.0	11.5	11.5	10.0	10.5	10.5	10.0	10.0
2	10.0	7.5	9.0	11.5	10.5	11.0	12.0	10.5	11.0	10.5	9.5	10.0
3	10.0	7.5	9.0	11.0	10.5	11.0	11.5	10.5	11.0	10.5	9.5	10.0
4	9.0	8.0	8.5	11.5	10.5	11.0	11.0	10.5	11.0	10.0	9.0	9.5
5	10.0	8.0	9.0	11.0	10.5	11.0	11.5	11.0	11.0	10.0	9.0	9.5
6	10.5	8.0	9.0	11.5	10.5	11.0	12.0	11.0	11.5	11.0	10.0	10.5
7	11.0	8.0	9.5	11.0	10.5	11.0	12.0	10.5	11.5	11.0	10.5	10.5
8	11.0	9.0	10.0	12.0	9.5	10.5	12.5	10.5	11.5	10.5	9.5	10.0
9	11.0	9.0	10.0	11.5	10.5	11.0	13.0	10.5	12.0	9.5	8.5	9.0
10	12.0	9.5	10.5	11.5	11.0	11.0	13.0	11.0	12.0	9.5	9.0	9.5
11	10.5	9.5	10.0	11.5	10.5	11.0	13.5	11.0	12.5	10.0	9.5	9.5
12	10.0	9.0	9.5	11.5	11.0	11.5	13.5	11.5	12.5	10.0	9.5	9.5
13	11.0	9.0	10.0	11.5	10.5	11.0	13.5	11.5	12.5	10.5	9.5	10.0
14	10.0	9.5	10.0	11.5	10.5	11.0	13.5	12.0	13.0	10.0	9.0	9.5
15	10.0	9.0	9.5	11.5	11.0	11.0	13.0	12.5	12.5	10.0	9.0	9.5
16	10.5	8.5	9.5	11.5	10.0	11.0	13.0	12.0	12.5	9.5	9.0	9.0
17	12.0	8.5	10.5	12.0	11.0	11.5	13.0	11.5	12.5	10.0	9.0	9.5
18	13.0	9.5	11.5	11.5	11.0	11.0	13.0	12.0	12.5	10.0	9.5	10.0
19	11.5	10.5	11.0	11.5	10.5	11.0	13.0	12.0	12.5	9.5	9.0	9.0
20	11.0	10.0	10.5	11.5	10.0	10.5	12.5	11.5	12.0	9.0	8.5	9.0
21	10.0	9.5	9.5	11.5	10.5	11.0	12.0	11.5	12.0	9.0	8.5	8.5
22	10.0	9.0	9.5	12.0	10.5	11.5	12.5	11.5	12.0	9.0	8.0	8.5
23	9.5	9.0	9.5	12.5	11.0	11.5	12.0	11.0	11.5	9.5	8.5	9.0
24	10.5	9.5	10.0	12.0	11.0	11.5	11.5	11.0	11.0	10.0	9.5	10.0
25	11.0	9.0	10.0	11.5	11.0	11.5	12.0	11.0	11.5	9.5	8.5	9.0
26	12.0	9.5	10.5	12.0	11.0	11.5	11.5	11.0	11.0	8.5	7.0	7.5
27	12.0	10.0	11.0	12.5	11.5	12.0	11.0	10.5	11.0	7.5	7.0	7.0
28	11.5	11.0	11.0	12.0	11.0	11.5	11.0	9.5	10.0	9.0	7.5	8.5
29	11.5	11.0	11.0	11.5	11.0	11.0	10.5	10.0	10.0	8.5	8.0	8.5
30	12.0	11.0	11.5	11.5	10.5	11.0	11.0	10.5	10.5	8.0	7.5	8.0
31	---	---	---	11.0	10.5	11.0	10.5	10.0	10.5	---	---	---
MONTH	13.0	7.5	10.0	12.5	9.5	11.1	13.5	9.5	11.6	11.0	7.0	9.2