SOUTHWEST ALASKA

15303700 TATALINA RIVER NEAR TAKOTNA

WATER-QUALITY RECORDS

PERIOD OF RECORD.-- Water years 1992 to current year.

PERIOD OF DAILY RECORD.--
   WATER TEMPERATURE: July 1992 to current year (seasonal).

INSTRUMENTATION.--Electronic water-temperature recorder set for 1-hour recording interval.

REMARKS.--Records represent water temperature at the sensor within 0.5°C. Temperature at the sensor was compared with
   the average for the river by cross section on October 9. 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, 16.5°C, July 30 to August 2, and 4, 1997; minimum, 0.0°C, several days in October, May,
   and September most water years.

EXTREMES FOR CURRENT YEAR.--
   WATER TEMPERATURE: Maximum, 14.5°C, July 13 - 15, August 10; minimum, 0.0°C, September 18, 25-30.

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

DATE	TIME	STREAM WIDTH (FT) (00004)	SAMPLE LOC- ATION, CROSS SECTION (FT FM R BK) (72103)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER- ATURE WATER (DEG C) (00010)	TEMPER- ATURE AIR (DEG C) (00020)	SAM- PLING METHOD, CODES (82398)	SAMPLER TYPE (CODE) (84164)
October									
09...	1451	30.6	5.0	4.07	62	1.4	5.0	10	8010
09...	1452	30.6	10.0	4.07	62	1.4	5.0	10	8010
09...	1453	30.6	15.0	4.07	62	1.4	5.0	10	8010
09...	1454	30.6	20.0	4.07	62	1.4	5.0	10	8010
09...	1455	30.6	28.0	4.07	62	1.4	5.0	10	8010

WATER TEMPERATURE, (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	4.0	2.5	3.0	---	---	---	---	---	---	---	---	---
2	4.0	3.5	3.5	---	---	---	---	---	---	---	---	---
3	3.5	3.0	3.0	---	---	---	---	---	---	---	---	---
4	3.0	2.5	2.5	---	---	---	---	---	---	---	---	---
5	2.5	1.5	2.0	---	---	---	---	---	---	---	---	---
6	2.0	1.5	2.0	---	---	---	---	---	---	---	---	---
7	1.5	1.0	1.0	---	---	---	---	---	---	---	---	---
8	1.5	1.0	1.0	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

SOUTHWEST ALASKA

15303700 TATALINA RIVER NEAR TAKOTNA—Continued

WATER TEMPERATURE, (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	---	---	---	---	---	---	---	---	---	0.5	0.5	0.5
2	---	---	---	---	---	---	---	---	---	0.5	0.5	0.5
3	---	---	---	---	---	---	---	---	---	1.0	0.5	0.5
4	---	---	---	---	---	---	---	---	---	1.5	0.5	1.0
5	---	---	---	---	---	---	---	---	---	1.5	0.5	1.0
6	---	---	---	---	---	---	---	---	---	1.5	0.5	1.0
7	---	---	---	---	---	---	---	---	---	2.0	0.5	1.5
8	---	---	---	---	---	---	---	---	---	1.5	0.5	1.0
9	---	---	---	---	---	---	---	---	---	1.5	0.5	1.0
10	---	---	---	---	---	---	---	---	---	2.0	1.0	1.0
11	---	---	---	---	---	---	---	---	---	1.5	1.0	1.0
12	---	---	---	---	---	---	---	---	---	2.5	1.0	1.5
13	---	---	---	---	---	---	---	---	---	3.0	1.5	2.0
14	---	---	---	---	---	---	---	---	---	5.5	2.5	3.5
15	---	---	---	---	---	---	---	---	---	5.0	4.0	4.5
16	---	---	---	---	---	---	---	---	---	4.5	3.5	4.0
17	---	---	---	---	---	---	---	---	---	4.5	3.5	4.0
18	---	---	---	---	---	---	---	---	---	4.5	3.5	4.0
19	---	---	---	---	---	---	---	---	---	5.0	3.5	4.5
20	---	---	---	---	---	---	---	---	---	7.0	4.0	5.0
21	---	---	---	---	---	---	---	---	---	6.5	5.5	6.0
22	---	---	---	---	---	---	---	---	---	6.5	5.5	6.0
23	---	---	---	---	---	---	---	---	---	6.5	5.5	6.0
24	---	---	---	---	---	---	---	---	---	6.5	5.0	6.0
25	---	---	---	---	---	---	---	---	---	7.5	6.0	6.5
26	---	---	---	---	---	---	---	---	---	7.5	5.5	6.0
27	---	---	---	---	---	---	---	---	---	6.0	5.0	5.5
28	---	---	---	---	---	---	---	---	---	5.0	3.5	4.0
29	---	---	---	---	---	---	---	---	---	5.5	3.5	4.5
30	---	---	---	---	---	---	---	---	---	5.5	5.0	5.0
31	---	---	---	---	---	---	---	---	---	5.0	4.0	4.5
MONTH	---	---	---	---	---	---	---	---	---	7.5	0.5	3.3

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.0	4.5	5.0	10.5	9.0	9.5	11.5	10.5	11.0	9.0	7.5	8.0
2	5.5	4.0	5.0	9.0	8.5	8.5	11.5	9.5	10.5	9.0	8.0	8.5
3	6.5	5.0	6.0	10.0	8.0	9.0	11.0	9.5	10.0	8.5	7.0	8.0
4	7.5	5.5	6.5	9.5	8.5	9.0	10.5	9.5	10.0	7.0	5.5	6.5
5	8.5	6.0	7.0	10.5	8.0	9.5	10.5	9.0	10.0	7.0	6.0	6.5
6	9.0	7.0	8.0	11.5	8.5	10.0	12.0	9.0	10.0	6.5	5.0	5.5
7	9.0	7.5	8.0	12.0	9.5	10.5	11.5	10.0	10.5	5.0	3.5	4.5
8	8.0	6.5	7.0	12.0	10.5	11.0	13.5	10.5	11.5	4.5	3.0	3.5
9	7.0	6.0	6.5	12.0	9.5	10.5	13.5	11.0	12.0	4.5	2.5	3.5
10	8.0	6.0	7.0	13.0	9.5	11.0	14.5	12.0	13.0	4.5	2.5	3.5
11	7.5	6.5	7.0	13.5	10.5	12.0	14.0	12.0	13.0	4.0	2.5	3.5
12	7.5	5.5	6.5	14.0	11.0	12.5	12.5	11.0	12.0	4.5	2.5	3.5
13	8.0	6.5	7.5	14.5	11.5	13.0	11.5	11.0	11.0	4.0	2.5	3.0
14	9.0	7.0	8.0	14.5	12.5	13.0	12.0	10.0	11.0	3.5	2.5	3.0
15	9.0	7.0	8.0	14.5	12.0	13.0	12.0	10.5	11.0	3.0	1.5	2.5
16	8.5	7.5	8.0	14.0	12.0	13.0	12.5	10.0	11.5	3.0	2.5	2.5
17	7.5	6.5	7.0	13.0	12.0	12.5	12.5	10.5	11.5	2.5	1.0	2.0
18	8.5	7.0	7.5	13.5	11.0	12.0	13.0	11.5	12.0	1.0	0.0	0.5
19	10.5	7.5	9.0	14.0	11.0	12.5	13.5	11.5	12.5	1.5	0.5	1.0
20	11.0	8.5	10.0	13.0	10.5	12.0	12.5	11.5	12.0	2.0	1.5	1.5
21	12.0	9.5	10.5	13.0	11.0	12.0	12.5	10.5	11.5	2.5	2.0	2.0
22	12.5	10.0	11.0	13.0	10.5	11.5	12.0	10.0	11.0	3.5	2.5	3.0
23	11.5	9.5	10.5	12.5	11.0	12.0	12.0	9.5	11.0	3.5	2.0	2.5
24	9.5	8.0	9.0	12.0	10.5	11.5	11.0	9.5	10.0	2.0	1.0	1.5
25	8.5	7.5	8.0	12.5	9.0	10.5	10.0	8.5	9.5	1.0	0.0	0.5
26	9.5	7.5	8.5	11.5	10.5	10.5	9.5	8.0	9.0	0.0	0.0	0.0
27	11.5	8.5	10.0	10.5	9.5	10.0	8.0	7.0	7.5	0.5	0.0	0.0
28	12.0	10.0	11.0	10.5	9.0	10.0	8.0	6.5	7.0	0.0	0.0	0.0
29	11.5	10.5	11.0	12.0	9.0	10.5	7.5	6.0	7.0	0.0	0.0	0.0
30	11.0	10.0	10.5	12.0	10.5	11.0	8.5	6.5	7.0	0.0	0.0	0.0
31	---	---	---	12.0	10.0	11.0	8.5	7.0	7.5	---	---	---
MONTH	12.5	4.0	8.2	14.5	8.0	11.1	14.5	6.0	10.5	9.0	0.0	3.0