

# SOUTHEAST ALASKA

15052475 JORDAN CREEK BELOW EGAN DRIVE NEAR AUKE BAY

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1997 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: July 1999 to current year.

INSTRUMENTATION.--Electronic water-temperature recorder with 15-minute recording interval started on July 15, 1999.

REMARKS.-- There is missing record on July 2-5,7-8,12-24, and August 8-11,14-27, because the probe came out of water. Discharges decreased to zero flow in late summer of the 2004 water year. Records represent water temperature at the sensor within 0.5°C.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURE: Maximum recorded, 18.5°C, on June 22, and 24-25, 2004 ; minimum, 0°C, many days during winters.

EXTREMES FOR CURRENT PERIOD.--

WATER TEMPERATURE: Maximum recorded, 18.5°C, on June 22, and 24-25, 2004 ; minimum, 0°C, many days during winter.

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	8.0	6.5	7.5	3.0	2.0	2.5	0.5	0.0	0.0	1.5	0.0	0.5
2	7.5	6.0	7.0	3.0	2.0	2.5	1.0	0.5	1.0	0.0	0.0	0.0
3	8.0	6.0	7.0	2.5	1.5	2.0	1.5	1.0	1.0	0.0	0.0	0.0
4	8.5	7.5	8.0	1.5	1.0	1.5	1.0	0.5	1.0	0.0	0.0	0.0
5	8.5	8.0	8.0	1.5	0.5	1.0	1.5	1.0	1.5	0.0	0.0	0.0
6	8.5	8.0	8.5	1.5	0.5	1.0	1.5	0.5	1.0	0.0	0.0	0.0
7	8.5	8.5	8.5	2.5	1.5	2.0	0.5	0.0	0.5	0.0	0.0	0.0
8	8.5	7.0	7.5	2.5	1.5	2.0	1.5	0.5	1.0	0.0	0.0	0.0
9	7.5	6.5	7.0	3.0	2.5	3.0	1.0	0.0	0.5	0.0	0.0	0.0
10	7.5	7.0	7.0	3.5	2.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0
11	7.0	5.5	6.0	3.5	3.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0
12	5.5	4.5	5.0	4.5	3.5	4.0	1.5	0.0	0.5	0.0	0.0	0.0
13	6.0	5.5	5.5	4.0	2.5	3.5	1.5	0.5	1.0	0.0	0.0	0.0
14	7.0	6.0	6.5	4.0	3.0	3.5	0.5	0.0	0.0	0.0	0.0	0.0
15	6.0	4.0	4.5	4.5	4.0	4.0	1.0	0.0	0.5	0.0	0.0	0.0
16	5.5	3.5	4.5	4.0	3.5	4.0	1.0	0.0	0.5	0.0	0.0	0.0
17	6.5	5.5	6.0	3.5	2.5	3.0	1.5	1.0	1.0	0.0	0.0	0.0
18	7.0	6.0	6.5	3.0	0.5	2.0	1.5	0.5	1.0	0.0	0.0	0.0
19	7.5	7.0	7.0	0.5	0.0	0.5	1.5	1.0	1.5	0.5	0.0	0.0
20	7.0	5.5	6.5	0.0	0.0	0.0	2.0	1.0	1.5	1.0	0.0	0.5
21	6.0	4.5	5.0	0.0	0.0	0.0	2.5	2.0	2.0	1.0	1.0	1.0
22	6.0	5.5	6.0	1.5	0.0	0.5	2.5	1.5	2.0	1.0	1.0	1.0
23	7.0	6.0	6.5	1.5	1.5	1.5	2.5	2.0	2.0	1.5	1.0	1.5
24	7.0	6.0	6.5	1.5	0.5	1.0	2.5	2.0	2.0	1.0	0.0	0.5
25	8.5	7.0	8.0	2.0	1.5	1.5	2.5	1.5	2.0	0.0	0.0	0.0
26	8.5	7.5	8.5	1.5	1.0	1.5	1.5	0.0	1.0	0.0	0.0	0.0
27	7.5	6.5	7.0	1.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
28	6.5	5.0	5.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	5.0	3.0	4.0	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
30	3.0	2.0	2.5	0.5	0.0	0.5	1.5	0.5	1.5	0.0	0.0	0.0
31	3.0	2.0	2.5	---	---	---	2.0	1.5	1.5	0.0	0.0	0.0
MONTH	8.5	2.0	6.3	4.5	0.0	1.9	2.5	0.0	0.9	1.5	0.0	0.2

# SOUTHEAST ALASKA

## 15052475 JORDAN CREEK BELOW EGAN DRIVE NEAR AUKE BAY—Continued

WATER TEMPERATURE, in (DEGREES C), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.0	0.0	0.0	1.0	0.0	0.5	3.0	2.0	2.5	8.0	6.0	6.5
2	0.0	0.0	0.0	1.5	0.0	0.5	2.5	2.0	2.5	7.5	6.0	6.5
3	0.0	0.0	0.0	1.0	1.0	1.0	3.0	1.5	2.5	9.5	6.0	7.5
4	0.0	0.0	0.0	1.5	1.0	1.5	4.0	2.5	3.0	9.0	5.0	7.0
5	0.0	0.0	0.0	2.0	1.5	1.5	5.0	2.5	3.5	8.5	4.5	6.5
6	1.0	0.0	0.5	2.0	1.5	1.5	5.5	2.5	3.5	9.0	5.0	7.0
7	1.0	1.0	1.0	2.5	1.5	2.0	5.5	3.5	4.5	9.5	6.0	7.5
8	1.5	0.0	1.0	2.5	1.5	2.0	5.5	3.0	4.0	10.0	5.5	7.5
9	1.0	0.0	0.5	2.0	1.5	1.5	5.0	3.0	4.0	9.0	7.0	7.5
10	1.5	0.0	1.0	2.0	1.5	2.0	6.0	4.0	4.5	10.0	6.5	8.0
11	2.0	1.5	1.5	3.0	2.0	2.5	6.0	3.0	4.5	9.5	5.5	8.0
12	1.5	1.0	1.5	2.5	2.0	2.0	5.5	4.5	5.0	10.0	6.5	8.0
13	2.0	1.5	1.5	2.5	1.0	2.0	5.5	4.0	5.0	10.5	6.5	8.5
14	2.5	1.5	2.0	2.0	1.0	1.5	5.5	3.5	4.5	10.5	7.0	9.0
15	2.0	1.0	1.5	2.0	1.5	2.0	5.5	2.5	4.0	10.0	6.5	8.5
16	2.0	1.5	1.5	2.0	0.5	1.5	5.5	2.0	3.5	9.5	8.0	9.0
17	2.5	1.5	2.0	3.0	1.5	2.0	5.5	4.0	5.0	9.5	8.0	8.5
18	2.0	2.0	2.0	1.5	0.5	1.0	6.0	3.5	4.5	10.5	7.5	9.0
19	2.5	2.0	2.5	1.5	0.0	0.5	6.0	3.0	4.5	10.5	7.5	9.0
20	2.5	2.5	2.5	2.0	0.0	1.0	6.5	3.0	4.5	11.5	8.0	9.5
21	3.0	2.5	2.5	2.0	0.0	1.0	7.0	3.5	5.0	11.0	8.0	10.0
22	2.5	1.5	2.0	2.0	1.5	1.5	6.0	5.0	5.5	11.0	7.5	9.5
23	3.0	2.0	2.5	2.0	0.5	1.5	5.0	4.0	4.5	11.5	8.0	10.0
24	2.5	1.5	2.0	3.5	1.5	2.5	5.0	4.0	4.5	11.0	9.0	10.0
25	2.0	0.5	1.0	3.0	2.5	2.5	5.0	4.5	4.5	9.0	8.5	8.5
26	1.5	0.5	1.0	3.5	2.0	2.5	5.5	4.0	5.0	9.0	7.5	8.5
27	1.0	0.0	0.5	3.5	2.0	3.0	6.5	4.0	5.5	9.5	7.5	8.5
28	1.5	0.5	1.0	4.0	2.5	3.0	7.0	4.5	5.5	9.5	8.0	8.5
29	1.5	0.5	1.0	3.5	0.5	2.5	8.0	3.5	5.5	10.5	8.5	9.5
30	---	---	---	2.0	0.0	1.0	9.0	4.5	6.5	10.5	8.5	9.5
31	---	---	---	2.5	1.0	2.0	---	---	---	10.5	8.5	9.5
MONTH	3.0	0.0	1.2	4.0	0.0	1.7	9.0	1.5	4.4	11.5	4.5	8.4
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE			JULY			AUGUST			SEPTEMBER			
1	10.5	9.0	9.5	15.0	12.0	13.5	12.5	11.5	12.0	11.5	9.5	10.5
2	9.0	8.5	9.0	---	---	---	14.5	11.0	12.5	11.0	10.0	10.5
3	11.0	7.0	9.0	---	---	---	13.5	12.0	12.5	11.0	10.5	11.0
4	11.0	8.5	10.0	---	---	---	14.0	10.5	12.0	11.0	10.0	10.5
5	10.5	9.5	10.0	---	---	---	14.0	11.0	12.5	10.5	9.5	10.0
6	12.0	9.5	10.5	13.5	12.0	12.5	15.0	12.5	13.5	9.5	9.0	9.5
7	14.0	10.0	12.0	---	---	---	14.5	13.0	13.5	9.0	8.0	8.5
8	13.0	10.5	11.5	---	---	---	---	---	---	8.5	6.5	7.5
9	11.0	9.5	10.0	15.0	12.5	13.5	---	---	---	7.5	5.5	6.5
10	11.0	9.0	10.0	14.0	13.0	13.5	---	---	---	7.0	5.0	6.0
11	11.0	9.0	10.0	14.5	12.0	13.0	---	---	---	8.0	6.5	7.0
12	12.0	9.5	11.0	---	---	---	14.0	12.0	12.5	8.0	8.0	8.0
13	11.5	10.0	11.0	---	---	---	14.0	11.5	12.5	8.5	8.0	8.0
14	11.0	9.5	10.0	---	---	---	---	---	---	9.0	8.0	8.5
15	11.0	9.5	10.0	---	---	---	---	---	---	8.5	8.0	8.0
16	13.0	8.5	10.5	---	---	---	---	---	---	8.5	7.0	7.5
17	14.0	10.0	12.0	---	---	---	---	---	---	7.5	6.0	7.0
18	15.5	11.0	13.0	---	---	---	---	---	---	7.0	5.0	6.0
19	17.0	12.5	14.5	---	---	---	---	---	---	6.0	4.5	5.5
20	17.5	13.0	15.0	---	---	---	---	---	---	8.0	6.0	7.0
21	18.0	13.0	15.0	---	---	---	---	---	---	8.5	8.0	8.5
22	18.5	13.5	15.5	---	---	---	---	---	---	8.0	8.0	8.0
23	18.0	13.5	15.5	---	---	---	---	---	---	8.5	8.0	8.0
24	18.5	14.0	16.0	---	---	---	---	---	---	8.5	8.0	8.5
25	18.5	14.0	16.0	14.0	11.0	13.0	---	---	---	8.0	7.5	7.5
26	18.0	14.5	16.5	13.5	12.5	13.0	---	---	---	8.0	7.5	7.5
27	17.0	14.0	15.0	13.5	12.0	13.0	---	---	---	8.5	7.5	8.0
28	14.5	13.0	14.0	13.0	12.5	12.5	12.0	11.5	11.5	8.0	7.0	7.5
29	15.5	13.0	14.0	12.5	12.0	12.5	12.0	10.5	11.0	8.0	7.5	7.5
30	16.5	13.0	14.5	13.5	11.5	12.5	13.0	10.0	11.0	8.0	7.5	7.5
31	---	---	---	13.5	12.0	12.5	11.5	9.5	10.5	---	---	---
MONTH	18.5	7.0	12.3	---	---	---	---	---	---	11.5	4.5	8.1