## SOUTHEAST ALASKA

### 15087080 UPPER EARL WEST CREEK NEAR WRANGELL

#### WATER-QUALITY RECORDS

PERIOD OF RECORD. -- Water years 2004 to current year.

PERIOD OF DAILY RECORD. --

WATER TEMPERATURE: October 2003 to current year.

INSTRUMENTATION. -- Electronic water-temperature recorder since October 2003, set for 15-minute recording interval.

REMARKS.-- Missing record October 16-27, November 9-10, December 31 to January 16, March 18-25, April 22 to May 1, May 6-19, and May 25 to June 9 due to probe in air or ice. Records represent water temperature at sensor within 0.5°C. Temperature at the sensor was compared with the stream average by cross section on December 7. No variation was found within the cross sections. The variation between mean stream temperature and sensor temperature is less than 0.5°C.

EXTREMES FOR PERIOD OF DAILY RECORD. --

WATER TEMPERATURE: Maximum,  $21.5^{\circ}$ C, August 13, 2005; minimum,  $0.0^{\circ}$ C on many days during winter periods.

EXTREMES FOR CURRENT YEAR. --

WATER TEMPERATURE: Maximum, 21.5°C, August 13; 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)	tion in X-sect. looking dwnstrm ft from l bank (00009)	Instan- taneous dis- charge, cfs (00061)	Sam- pling method, code (82398)	Temper- ature, water, deg C (00010)	Temper- ature, air, deg C (00020)
DEC 07 07 07	1440 1441 1442 1443	16.0 16.0 16.0 16.0	4.00 8.00 12.0 16.0	5.6 5.6 5.6	10 10 10 10	.0.0.0	-4.2 -4.2 -4.2 -4.2

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			NC	NOVEMBER			CEMBER		JANUARY		
1 2 3 4 5	9.0 9.5 8.5 9.0	7.5 7.0 6.0 7.5 8.0	8.0 8.0 7.0 8.0	3.0 2.5 3.0 2.5 2.5	2.0 1.5 1.5 2.0 1.5	2.0 2.0 2.5 2.0 2.0	3.0 3.5 3.5 2.0 1.0	2.5 2.5 2.0 1.0 0.0	2.5 3.0 3.0 2.0 0.5	  	  	  
6 7 8 9 10	8.0 8.0 8.0 8.0	7.5 7.5 7.5 7.5 8.0	8.0 8.0 8.0 8.0	1.5 1.0 1.0	1.0 0.5 0.0 	1.0 0.5 0.5	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	  	  	  
11 12 13 14 15	8.0 9.0 9.5 9.5	7.0 6.0 9.0 9.0 7.5	7.5 7.5 9.5 9.0 8.5	0.0 0.0 2.0 3.0 3.0	0.0 0.0 0.0 2.0 2.5	0.0 0.0 1.5 2.5 3.0	0.0 0.0 0.5 1.0	0.0 0.0 0.0 0.0 0.5	0.0 0.0 0.0 0.5 1.0	  	  	  
16 17 18 19 20	  	  	  	3.0 2.5 1.5 2.0 3.5	2.5 1.5 0.5 1.0 2.0	3.0 2.5 1.0 1.5 2.5	2.0 2.5 4.0 4.0 2.5	1.0 2.0 2.5 2.5 1.5	1.5 2.0 3.0 2.5 2.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
21 22 23 24 25	  	  	  	3.5 3.0 2.0 2.0 2.0	3.0 2.0 1.5 1.5 2.0	3.5 2.5 1.5 2.0 2.0	1.5 2.0 2.5 3.0 2.0	1.5 1.5 1.5 2.0 0.5	1.5 1.5 2.0 2.5	0.0 0.0 0.5 1.0	0.0 0.0 0.0 0.5 0.0	0.0 0.0 0.0 0.5 0.5
26 27 28 29 30 31	3.0 3.0 3.0 3.0	2.5 2.0 2.5 2.5	2.5 2.5 3.0 2.5	2.0 2.0 2.5 2.5 2.5	1.5 1.5 2.0 2.0 2.0	2.0 2.0 2.0 2.5 2.5	0.5 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	1.5 1.5 1.5 1.5 2.0	1.0 1.5 1.5 1.0 1.5	1.0 1.5 1.5 1.5 1.5
MONTH												

# SOUTHEAST ALASKA

## 15087080 UPPER EARL WEST CREEK NEAR WRANGELL—Continued

TEMPERATURE, WATER (DEGREES CELSIUS), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

		TEMPER	ATURE,	WATER (DEC	REES CEL	SIUS),	WATER YEAR	OCTOBER	2004 TO	SEPTEMBER	2005	
DAY	MAX	MIN FEBRUARY	MEAN	MAX	MIN MARCH	MEAN	MAX	MIN APRIL	MEAN	MAX	MIN MAY	MEAN
1 2 3 4 5	1.5 1.0 1.0 1.0	0.0 0.5 1.0 0.0	1.0 1.0 1.0 0.5	0.5 1.0 1.0 2.0	0.0 0.5 0.5 0.5	0.5 0.5 1.0 1.0	1.5 1.0 2.0 2.5 2.5	0.0 0.0 0.5 0.5	0.5 0.5 1.0 1.5 2.0	8.0 6.5 9.0 9.5	6.5 5.5 5.5 6.5	7.0 6.0 7.0 7.5
6 7 8 9 10	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	1.5 2.0 1.5 2.0 1.5	1.0 1.0 1.0 1.0	1.0 1.5 1.0 1.5	3.0 3.5 3.0 2.5 2.5	1.0 1.0 1.0 1.5	2.0 2.0 2.0 2.0 2.0	  	  	  
11 12 13 14 15	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	2.0 2.5 3.0 3.0	1.0 1.5 1.5 1.0 2.0	1.5 2.0 2.0 2.0 2.5	3.0 3.5 3.5 4.0 2.5	1.5 1.0 1.0 2.5 2.0	2.5 2.5 2.5 3.0 2.0		  	  
16 17 18 19 20	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	2.5 2.5 	0.5 0.0 	1.5 1.0 	3.5 4.0 4.0 3.0 4.0	1.5 1.5 1.5 2.0 2.0	2.5 2.5 3.0 2.5 3.0	   11.5	   9.5	   10.5
21 22 23 24 25	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0		  	  	4.0   	2.5	3.5   	10.5 11.5 10.5 10.5	8.5 8.0 9.0 8.5	9.5 9.5 9.5 9.5
26 27 28 29 30 31	0.0 0.0 0.5 	0.0 0.0 0.0 	0.0 0.0 0.0 	3.0 1.5 2.0 3.5 2.5 2.0	1.0 0.5 0.5 1.0 1.0	2.0 1.0 1.5 2.0 2.0	   	  	  	   	   	   
MONTH	1.5	0.0	0.1									
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	
1 2 3 4 5	  	  	  	14.0 13.5 12.0 12.0 12.0	12.5 12.0 11.0 11.0	13.0 13.0 11.5 11.5	14.5 16.0 14.0 12.0	11.5 12.0 11.5 11.0 11.5	13.0 14.0 13.0 11.5 11.5	11.0 11.5 13.0 12.5 11.5	10.5 10.0 10.5 10.5	11.0 10.5 11.5 11.5 11.0
6 7 8 9 10	   18.0	   14.5	   16.0	12.0 11.5 13.0 13.0	10.5 10.5 10.5 11.5 11.0	11.0 11.5 12.5 11.5	13.5 15.5 16.5 18.5 19.5	11.5 11.5 12.0 13.0 14.0	12.0 13.0 14.0 15.5 16.5	11.0 11.5 11.5 12.0 11.0	10.5 11.0 10.5 9.5 9.5	11.0 11.0 11.0 10.5
11 12 13 14 15	16.5 15.5 14.5 13.0 12.0	14.5 14.0 13.0 9.5 10.0	15.5 15.0 14.0 11.0	13.5 12.5 13.0 12.5 12.5	11.0 11.5 12.0 11.0	12.5 12.0 12.5 11.5 11.5	20.5 21.5 20.5	14.5 15.0 15.5 16.5	17.5 18.0 18.5 18.5	13.0 12.0 12.0 11.5 12.0	10.0 11.0 10.5 10.5	11.5 11.5 11.5 11.0 11.0
16 17 18 19 20	17.0 19.5 21.0 19.5 16.5	9.0 11.5 13.5 15.5 14.5	13.0 15.5 17.5 17.0 15.5	13.0 13.0 12.5 13.5 12.5	11.0 12.0 11.5 11.5	12.0 12.5 12.0 12.5 12.0	14.5	16.0 15.5 13.5 13.5	17.5 17.0 16.0 14.0 13.0	11.0 10.5 10.0 10.0	10.0 10.0 9.5 9.0 9.0	10.5 10.0 10.0 9.5 9.5
21 22 23 24 25	15.5 15.0 14.0 13.0 15.0		14.0 14.0 13.5 12.0 13.0	14.0 15.5 14.0 14.5 14.0	11.5 11.0 12.5 12.0 12.5	12.5 13.0 13.0 13.0	12.5	11.5 11.5 11.5 11.0 12.0	12.0 12.0 12.0 12.5 13.0	10.0 9.5 9.5 10.0 10.0	9.0 8.5 9.0 9.5 9.0	9.5 9.0 9.5 10.0 9.5
26 27 28 29 30 31	17.5 19.0 16.5 14.5	14.5	14.5 16.0 15.0 13.5 13.0	14.5 13.0 13.0 13.0 13.0		13.5 12.5 12.5 12.0 12.0	13.5	11.5 11.0 11.0 11.5 11.0	12.5 12.0 12.5 12.0 11.5	9.5 8.5 9.0 9.0 8.5	8.5 7.0 8.0 8.5 8.0	9.0 7.5 8.5 8.5 8.5
MONTH				15.5	10.5	12.2	21.5	11.0	14.0	13.0	7.0	10.2