

SOUTHEAST ALASKA

15041200 TAKU RIVER NEAR JUNEAU

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1998 to current year (discontinued).

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: June 1999 to current year(discontinued).

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

REMARKS.- Record from June 15 to September 30 missing due to damaged temperature probe. Records represent water temperature at the sensor within 0.5°C. Temperature was compared with the stream average by cross section on March 24. No variation was found within the cross section. The variation found between mean stream temperature and sensor temperature was less than 0.5°C. The outburst peak of the lake dammed by Tulsequah Glacier occurred on June 30, 2005.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 12.5°C, July 14, 1999, July 20 and 21, 2001, July 9-10,12-13, and 18, 2003, June 18 and July 16, 2004; minimum, 0.0°C, many days during most winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum recorded, 10.0°C, June 7-9,13, 2005; minimum, 0.0°C, many days during winter.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005

Date	Time	Stream width, feet (00004)	Location in X-sect. downstrm ft from l bank (00009)	Instantaneous discharge, cfs (00061)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)
MAR						
24...	1252	80.0	10.0	2390	1.0	5.0
24...	1253	80.0	20.0	2390	1.0	5.0
24...	1254	80.0	30.0	2390	1.0	5.0
24...	1255	80.0	40.0	2390	1.0	5.0
24...	1256	80.0	50.0	2390	1.0	5.0
24...	1257	80.0	60.0	2390	1.0	5.0

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	7.0	6.5	6.5	2.0	1.5	1.5	2.5	2.0	2.0	0.0	0.0	0.0
2	7.0	6.5	7.0	2.0	1.5	1.5	2.5	2.0	2.5	0.0	0.0	0.0
3	7.0	6.0	6.5	2.5	2.0	2.5	2.0	1.5	2.0	0.0	0.0	0.0
4	7.0	6.0	6.5	2.5	2.0	2.0	1.5	0.0	1.0	0.0	0.0	0.0
5	6.0	5.5	6.0	2.0	1.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
6	6.0	5.0	5.5	1.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
7	5.5	5.0	5.0	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
8	5.5	5.0	5.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
9	6.0	5.0	5.5	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0
10	6.0	5.0	5.5	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0
11	5.5	4.5	5.0	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
12	4.5	3.5	4.0	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
13	5.5	3.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	5.5	5.0	5.5	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
15	5.5	5.0	5.0	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
16	5.0	3.5	4.0	1.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
17	4.0	3.5	4.0	1.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
18	3.5	1.5	2.5	1.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
19	1.5	0.5	0.5	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
20	1.0	0.5	1.0	1.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
21	1.0	0.5	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
22	1.5	0.5	1.0	1.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
23	1.5	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
24	1.0	0.5	0.5	1.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
25	1.5	0.5	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
26	1.5	1.0	1.5	1.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
27	2.5	1.5	2.0	1.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
28	3.0	2.0	2.5	2.0	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
29	3.0	2.5	3.0	2.0	1.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0
30	3.0	2.5	2.5	2.0	1.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0
31	2.5	2.0	2.5	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0
MONTH	7.0	0.5	3.7	2.5	0.0	0.9	2.5	0.0	0.3	0.0	0.0	0.0

