

YUKON ALASKA

15564879 SLATE CREEK AT COLDFOOT

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 1998 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: May 1998 to current year (seasonal).

INSTRUMENTATION.--Water-temperature recorder since May 11, 1998. Electronic water temperature recorder set for 1-hour recording interval.

REMARKS.--Record not used or absent October 24 to May 13 and August 24 to September 30 due to probe being frozen in ice, or malfunctioning. Records represent water temperature at sensor within 0.5°C. Temperature at the sensor was compared with the stream average by cross section on June 10, July 13 and September 20. Variation within the cross sections was less than 0.3°C. The variation found between mean stream temperature and sensor temperature was less than 0.5°C.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURE: Maximum, 15.5°C, August 20, 2004; minimum, 0.0°C, on many days during spring breakup and winter periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 15.5°C, August 20; minimum, 0°C, on many days during fall, winter, and spring breakup periods.

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

Date	Time	Stream width, feet (000004)	Location in X-sect. looking downstrm ft from l bank (000009)	Gage height, feet (000065)	Instantaneous discharge, cfs (000061)	Sampling method, code (82398)	Temperature, water, deg C (00010)	Temperature, air, deg C (00020)
JUN								
10...	0910	59.4	52.2	14.42	132	10	4.9	14.7
10...	0911	59.4	40.2	14.42	132	10	4.9	14.7
10...	0912	59.4	28.2	14.42	132	10	5.0	14.7
10...	0913	59.4	16.2	14.42	132	10	5.0	14.7
10...	0914	59.4	4.2	14.42	132	10	5.0	14.7
JUL								
13...	0954	13.8	12.0	13.82	21	10	8.5	17.3
13...	0955	13.8	9.5	13.82	21	10	8.3	17.3
13...	0956	13.8	7.0	13.82	21	10	8.3	17.3
13...	0957	13.8	4.5	13.82	21	10	8.3	17.3
13...	0958	13.8	2.0	13.82	21	10	8.3	17.3
SEP								
20...	1807	18.0	15.0	13.89	29	10	4.2	5.2
20...	1810	18.0	12.0	13.89	29	10	4.1	5.2
20...	1813	18.0	9.0	13.89	29	10	4.2	5.2
20...	1816	18.0	6.0	13.89	29	10	4.3	5.2
20...	1819	18.0	3.0	13.89	29	10	4.1	5.2

