## 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 $0.5^{\circ} \mathrm{C}$. 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 $0.3^{\circ} \mathrm{C}$. The variation found between mean stream temperature and sensor temperature was less than $0.5^{\circ} \mathrm{C}$

EXTREMES FOR PERIOD OF RECORD.--
WATER TEMPERATURE: Maximum, $15.5^{\circ} \mathrm{C}$, August 20,2004 ; minimum, $0.0^{\circ} \mathrm{C}$, on many days during spring breakup and winter periods.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, $15.5^{\circ} \mathrm{C}$, August 20 ; minimum, $0^{\circ} \mathrm{C}$, 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 (00004) | Location in X-sect. looking dwnstrm ft from 1 bank (00009) | Gage height, feet (00065) | Instantaneous discharge, cfs (00061) | Sampling method, code (82398) | $\begin{aligned} & \text { Temper- } \\ & \text { ature, } \\ & \text { water, } \\ & \text { deg C } \\ & (00010) \end{aligned}$ | ```Temper ature, 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 |

## YUKON ALASKA

## 15564879 SLATE CREEK AT COLDFOOT-Continued



## YUKON ALASKA

## 15564879 SLATE CREEK AT COLDFOOT-Continued

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | JUNE |  |  | JULY |  |  | AUGUST |  |  | SEPTEMBER |  |  |
| 1 | 7.0 | 3.0 | 4.5 | 14.5 | 9.5 | 12.0 | 12.5 | 7.0 | 10.0 | --- | --- | --- |
| 2 | 7.5 | 1.5 | 4.5 | 13.5 | 8.5 | 11.0 | 13.0 | --- | --- | --- | --- | --- |
| 3 | 9.0 | 2.5 | 5.5 | 11.0 | 8.5 | 9.5 | 14.0 | --- | --- | --- | --- | --- |
| 4 | 6.5 | 4.0 | 5.0 | 11.5 | 8.0 | 9.5 | 14.5 | 9.0 | 11.5 | --- | --- | --- |
| 5 | 8.5 | 3.0 | 5.5 | 12.5 | 9.0 | 10.5 | 14.0 | --- | --- | --- | --- | --- |
| 6 | 10.0 | 3.0 | 6.5 | 13.0 | 7.5 | 10.0 | 14.5 | --- | --- | --- | --- | --- |
| 7 | 11.0 | 4.0 | 7.5 | 10.5 | 8.0 | 9.0 | 13.5 | --- | --- | --- | --- | --- |
| 8 | 11.5 | 4.0 | 7.5 | 12.0 | 7.5 | 9.5 | 12.0 | 10.0 | 11.0 | --- | --- | --- |
| 9 | 11.5 | 4.5 | 8.0 | 11.5 | 7.0 | 9.0 | 13.5 | 8.5 | 11.0 | --- | --- | --- |
| 10 | 11.0 | 5.0 | 7.5 | 11.5 | 7.5 | 9.5 | 14.0 | 8.5 | 11.0 | --- | --- | --- |
| 11 | 11.5 | 5.0 | 8.0 | 14.0 | 8.0 | 11.0 | 14.5 | 9.0 | 11.5 | --- | --- | --- |
| 12 | 12.0 | 5.0 | 8.5 | 12.5 | 8.5 | 10.5 | 13.0 | --- | --- | --- | --- | --- |
| 13 | 12.0 | 6.0 | 9.0 | 13.0 | 7.5 | 10.0 | --- | 10.5 | --- | --- | --- | --- |
| 14 | 12.0 | 6.0 | 9.0 | 12.0 | 8.0 | 10.0 | --- | --- | --- | --- | --- | --- |
| 15 | 13.5 | 6.0 | 9.5 | 11.0 | 8.0 | 9.5 | 14.0 | --- | --- | --- | --- | --- |
| 16 | 12.0 | 7.0 | 10.0 | 12.0 | 8.0 | 10.0 | 14.5 | --- | --- | --- | --- | --- |
| 17 | 11.5 | 7.5 | 9.5 | 11.5 | 8.5 | 10.0 | 14.5 | --- | --- | --- | --- | --- |
| 18 | 13.5 | 7.5 | 10.0 | --- | 8.5 | --- | 14.5 | --- | --- | --- | --- | --- |
| 19 | 13.5 | 7.0 | 10.0 | 12.5 | -- | --- | 14.5 | --- | --- | --- | --- | --- |
| 20 | 14.5 | 7.0 | 11.0 | 13.5 | 9.0 | 12.0 | 15.5 | --- | --- | --- | --- | --- |
| 21 | 15.0 | 8.5 | 11.5 | 12.0 | 8.5 | 10.0 | 14.0 | --- | --- | --- | --- | --- |
| 22 | 13.0 | 8.0 | 10.5 | 13.0 | 9.5 | 10.5 | 13.5 | --- | --- | --- | --- | --- |
| 23 | 14.0 | 8.5 | 11.0 | 14.0 | 9.5 | 11.0 | 13.0 | --- | --- | --- | --- | --- |
| 24 | 12.0 | 8.5 | 10.0 | 13.5 | 9.5 | 11.0 | --- | --- | --- | --- | --- | --- |
| 25 | 13.0 | 8.5 | 10.5 | 14.0 | 9.0 | 11.5 | --- | --- | --- | --- | --- | --- |
| 26 | 14.0 | 7.5 | 10.5 | 14.0 | 9.0 | 11.5 | --- | --- | --- | --- | --- | --- |
| 27 | 11.0 | 7.0 | 9.0 | --- | 10.0 | --- | --- | --- | --- | --- | --- | --- |
| 28 | 13.0 | 7.0 | 10.0 | 12.5 | 9.0 | 11.0 | --- | --- | --- | --- | --- | --- |
| 29 | 12.5 | 8.0 | 10.0 | 13.0 | 9.5 | 11.0 | --- | --- | --- | --- | --- | --- |
| 30 | 14.0 | 8.5 | 11.0 | 12.5 | 10.0 | 11.0 | --- | --- | --- | --- | --- | --- |
| 31 | - | --- | - | 11.0 | 10.0 | 10.5 | - | --- | --- | --- | --- | --- |
| MONTH | 15.0 | 1.5 | 8.7 | --- | --- | --- | -- | - | --- | --- | --- | --- |

