## 15565400 ANVIK RIVER NEAR ANVIK

## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 2002 to current year.
PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: June 2002 to current year.
INSTRUMENTATION.--Electronic water-temperature recorder set for 1-hour recording interval.
REMARKS. - No record from May 11 to July 10 due to probe damage by ice and from August 24 to September 14 from animal damage. Records represent water temperature at the sensor within $0.5^{\circ} \mathrm{C}$. Temperature was compared with the stream average by cross section on July 10 and September 14. No variation was found within the cross sections. The variation between mean stream temperature and sensor temperature was less than $0.5^{\circ} \mathrm{C}$.

EXTREMES FOR PERIOD OF DAILY RECORD. -
WATER TEMPERATURE: Maximum, $19.0^{\circ} \mathrm{C}$, August $3-4 ; 2002$; minimum, $0.0^{\circ} \mathrm{C}$, many days during winter and spring breakup periods.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum recorded, $18.5^{\circ} \mathrm{C}$, July 25 ; minimum, $0.0^{\circ} \mathrm{C}$, many days during fall, winter and spring breakup period.

| Date | Time | $\begin{gathered} \text { Stream } \\ \text { width, } \\ \text { feet } \\ (00004) \end{gathered}$ | Sample location, cross section ft from rt bank (72103) | Gage height, feet (00065) | Instantaneous discharge, cfs (00061) | ```Sam- pling method, code (82398)``` | Temperature, water, deg C (00010) | ```Temper- ature, air, deg C (00020)``` |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| JUL |  |  |  |  |  |  |  |  |
| 10 | 1555 | 195 | 10.0 | 20.07 | 1220 | 10 | 14.0 | 17.0 |
| 10 | 1556 | 195 | 80.0 | 20.07 | 1220 | 10 | 14.0 | 17.0 |
| 10 | 1557 | 195 | 120.0 | 20.07 | 1220 | 10 | 14.0 | 17.0 |
| 10 | 1558 | 195 | 150.0 | 20.07 | 1220 | 10 | 14.0 | 17.0 |
| 10 | 1559 | 195 | 180.0 | 20.07 | 1220 | 10 | 14.0 | 17.0 |
| SEP |  |  |  |  |  |  |  |  |
| 14 | 1351 | 202 | 10.0 | 22.47 | 5030 | 10 | 7.5 | 6.0 |
| 14 | 1352 | 202 | 70.0 | 22.47 | 5030 | 10 | 7.5 | 6.0 |
| 14 | 1353 | 202 | 110.0 | 22.47 | 5030 | 10 | 7.5 | 6.0 |
| 14 | 1354 | 202 | 150.0 | 22.47 | 5030 | 10 | 7.5 | 6.0 |
| 14 | 1355 | 202 | 180.0 | 22.47 | 5030 | 10 | 7.5 | 6.0 |

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

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | TOB |  |  | MBER |  |  | MBER |  |  | NUA |  |
| 1 | 2.0 | 1.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 2.0 | 1.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3 | 1.5 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4 | 2.0 | 1.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5 | 2.5 | 2.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6 | 2.5 | 2.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7 | 2.0 | 1.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 8 | 2.5 | 1.5 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 9 | 3.0 | 2.5 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 10 | 3.5 | 2.5 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 11 | 3.5 | 3.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 12 | 3.5 | 3.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 13 | 3.0 | 2.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 14 | 2.0 | 1.5 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15 | 2.5 | 2.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 16 | 2.5 | 2.5 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 17 | 2.5 | 1.5 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 18 | 2.0 | 1.5 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 19 | 3.0 | 2.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20 | 3.0 | 2.5 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21 | 2.5 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 22 | 2.0 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 23 | 2.5 | 1.5 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 24 | 2.5 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 25 | 2.0 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 26 | 0.5 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 27 | 1.5 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 28 | 1.5 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 29 | 1.5 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 30 | 1.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31 | 0.0 | 0.0 | 0.0 | -- | --- | --- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| MONTH | 3.5 | 0.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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


| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | JUNE |  |  | JULY |  |  | JGUST |  |  | SEPTEMBER |  |
| 1 | - | --- | --- | - | --- | --- | 16.0 | 14.5 | 15.5 | --- | --- | --- |
| 2 | --- | --- | --- | --- | --- | --- | 16.0 | 14.0 | 15.0 | --- | --- | --- |
| 3 | --- | --- | --- | --- | --- | --- | 15.5 | 13.5 | 14.5 | --- | --- | --- |
| 4 | --- | --- | --- | --- | --- | --- | 16.0 | 14.0 | 15.0 | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | 15.5 | 13.5 | 14.0 | --- | --- | --- |
| 6 | --- | --- | --- | --- | --- | --- | 13.5 | 13.0 | 13.0 | --- | --- | --- |
| 7 | --- | --- | --- | --- | --- | --- | 13.0 | 12.0 | 12.5 | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | 15.5 | 12.0 | 13.5 | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | 16.5 | 14.5 | 15.5 | --- | --- | --- |
| 10 | -- | --- | --- | 14.5 | --- | --- | 16.5 | 15.0 | 15.5 | --- | --- | --- |
| 11 | --- | --- | --- | 14.5 | 12.0 | 12.5 | 16.0 | 14.5 | 15.0 | --- | --- | --- |
| 12 | --- | --- | --- | 13.0 | 11.5 | 12.0 | 15.0 | 14.0 | 14.5 | --- | --- | --- |
| 13 | --- | --- | --- | 14.0 | 12.5 | 13.0 | 15.5 | 13.5 | 14.5 | --- | --- | --- |
| 14 | - | --- | --- | 15.0 | 12.5 | 14.0 | 16.0 | 14.5 | 15.0 | --- | --- | --- |
| 15 | -- | --- | --- | 17.0 | 14.5 | 15.5 | 15.5 | 14.5 | 15.0 | 9.0 | 8.0 | 8.5 |
| 16 | --- | --- | --- | 17.0 | 15.5 | 16.5 | 15.5 | 14.5 | 15.0 | 9.0 | 8.0 | 8.5 |
| 17 | --- | --- | --- | 16.5 | 15.5 | 16.0 | 15.5 | 14.0 | 14.5 | 8.0 | 7.0 | 7.5 |
| 18 | --- | --- | --- | 16.0 | 15.0 | 15.5 | 14.0 | 13.5 | 14.0 | 7.0 | 6.5 | 6.5 |
| 19 | --- | --- | --- | 15.0 | 13.0 | 13.5 | 14.0 | 13.0 | 13.5 | 6.5 | 6.0 | 6.5 |
| 20 | -- | --- | --- | 14.0 | 12.5 | 13.0 | 13.5 | 12.5 | 13.0 | 6.5 | 6.0 | 6.5 |
| 21 | - | --- | --- | 16.0 | 13.5 | 14.5 | 12.5 | 11.5 | 12.0 | 7.0 | 6.5 | 6.5 |
| 22 | - | --- | --- | 17.5 | 14.5 | 16.0 | 12.0 | 11.0 | 11.5 | 8.0 | 7.0 | 7.5 |
| 23 | --- | --- | --- | 18.0 | 16.0 | 17.0 | 11.5 | 11.0 | 11.0 | 7.5 | 7.0 | 7.5 |
| 24 | - | --- | --- | 18.0 | 16.0 | 17.0 | --- | --- | --- | 7.0 | 6.5 | 6.5 |
| 25 | --- | --- | --- | 18.5 | 16.0 | 17.5 | - | --- | --- | 6.5 | 6.0 | 6.5 |
| 26 | - | --- | --- | 18.0 | 16.5 | 17.5 | --- | --- | --- | 6.5 | 6.0 | 6.0 |
| 27 | --- | --- | --- | 18.0 | 15.5 | 17.0 | --- | --- | --- | 6.0 | 5.5 | 5.5 |
| 28 | --- | --- | --- | 18.0 | 16.0 | 17.0 | --- | --- | --- | 5.5 | 5.0 | 5.0 |
| 29 | --- | --- | --- | 17.5 | 15.0 | 16.5 | --- | --- | -- | 5.0 | 4.5 | 4.5 |
| 30 | - | --- | --- | 17.5 | 15.0 | 16.5 | --- | --- | --- | 4.5 | 3.5 | 4.0 |
| 31 | --- | --- | --- | 17.0 | 15.0 | 16.0 | -- | --- | --- | --- | --- | --- |
| MONTH | --- | - | --- | --- | -- | -- | --- | -- | -- | --- | - | --- |

