# 15106920 KADASHAN RIVER ABOVE HOOK CREEK NEAR TENAKEE, AK

Central Southeast Alaska Basin
Baranof-Chichagof Islands Subbasin

LOCATION.--Lat 57°39′46″, long 135°11′06″ referenced to North American Datum of 1927, in SE ¼ NW ¼ SE ¼ sec.34, T.48 S., R.63 E., City & Borough of Sitka, AK, Hydrologic Unit 19010203, (Sitka C-4 quad), on Chichagof Island, in Tongass National Forest, on right bank 0.6 mi upstream from Hook Creek, 3.5 mi upstream from mouth at Kadashan Bay, and 9 mi south of Tenakee.

DRAINAGE AREA.--10.2 $mi^2$.

## SURFACE-WATER RECORDS

PERIOD OF RECORD.--January 1968 to September 1978, October 1980 to September 2007 (discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 100 ft above sea level, from topographic map. Prior to October 24, 1969, at site 90 ft downstream at different datum; October 24, 1969 to September 30, 1978, at site 75 ft downstream at datum 1.89 ft higher.

REMARKS.--Records good, except for estimated daily discharges, which are poor.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 500 $ft^3/s$ and (or) maximum (*):

| Date | Time | Discharge ($ft^3/s$) | Gage height (ft) |
|---|---|---|---|
| Oct 4 | 1045 | *945 | *4.46 |

**15106920 KADASHAN RIVER ABOVE HOOK CREEK NEAR TENAKEE, AK—Continued**

**DISCHARGE, CUBIC FEET PER SECOND**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
**DAILY MEAN VALUES**
[e, estimated]

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 72 | 59 | e13 | e80 | 24 | e10 | 14 | 74 | 140 | e65 | 20 | 17 |
| 2 | 49 | 39 | e14 | e200 | 24 | e9.0 | 14 | 76 | 150 | e60 | 19 | 17 |
| 3 | 40 | 30 | e18 | e100 | 23 | e8.5 | 19 | 98 | 164 | e65 | 18 | 12 |
| 4 | 357 | 24 | e20 | e90 | 29 | e8.0 | 18 | 116 | 199 | 75 | 17 | 19 |
| 5 | 114 | 21 | e18 | e50 | 38 | e18 | 14 | 110 | 163 | 68 | 16 | 89 |
| 6 | 80 | 20 | e60 | e40 | 30 | e40 | 28 | 142 | 138 | 66 | 17 | 141 |
| 7 | 53 | e19 | e80 | e32 | 25 | e37 | 86 | 145 | 123 | 52 | 19 | 57 |
| 8 | 43 | e18 | e70 | e30 | 22 | e33 | 104 | 92 | 109 | 47 | 18 | 48 |
| 9 | 48 | e18 | e50 | e28 | 21 | e29 | 126 | 86 | 114 | 66 | 15 | 52 |
| 10 | 45 | e18 | e55 | e25 | 18 | e25 | 80 | 106 | 140 | 102 | 14 | 32 |
| 11 | 90 | e17 | e40 | e20 | e16 | e21 | 63 | 102 | 133 | 103 | 13 | 28 |
| 12 | 45 | e17 | e38 | e20 | e14 | e19 | 53 | 112 | 107 | 160 | 13 | 21 |
| 13 | 59 | e16 | e37 | 22 | e15 | e17 | 73 | 97 | 96 | 73 | 12 | 18 |
| 14 | 180 | e16 | e36 | 31 | 16 | e16 | 68 | 122 | 92 | 55 | 12 | 20 |
| 15 | 82 | e16 | e35 | 112 | 33 | e15 | 87 | 128 | 108 | 45 | 11 | 129 |
| 16 | 48 | e15 | e40 | 62 | 81 | 14 | 94 | 145 | 101 | 93 | 11 | 209 |
| 17 | 88 | e15 | e45 | 38 | 55 | 13 | 79 | 107 | 87 | 63 | 11 | 112 |
| 18 | 117 | e14 | e60 | 43 | 44 | 13 | 77 | 94 | 77 | 45 | 11 | 51 |
| 19 | 104 | e14 | e50 | 75 | 35 | 13 | 76 | 98 | 79 | 38 | 11 | 98 |
| 20 | 65 | e13 | e80 | 54 | 27 | 12 | 75 | 119 | e80 | 38 | 11 | 92 |
| 21 | 145 | e13 | e60 | 78 | 22 | 23 | 87 | 106 | e100 | 49 | 10 | 177 |
| 22 | 186 | e13 | e40 | 41 | e19 | 57 | 107 | 112 | e85 | 34 | 10 | 74 |
| 23 | 252 | e12 | e37 | 33 | e18 | 63 | 162 | 142 | e80 | 34 | 10 | 70 |
| 24 | 145 | e12 | e40 | 85 | 18 | 45 | 122 | 142 | e85 | 31 | 13 | 150 |
| 25 | 137 | e12 | e50 | 53 | e16 | 27 | 96 | 155 | e75 | 27 | 11 | 161 |
| 26 | 139 | e11 | e90 | 37 | e15 | 25 | 115 | 165 | e70 | 29 | 11 | 167 |
| 27 | 92 | e11 | e38 | 31 | e12 | 21 | 113 | 117 | e80 | 27 | 9.7 | 90 |
| 28 | 61 | e11 | e40 | 28 | e11 | 21 | 93 | 96 | e90 | 24 | 9.3 | 53 |
| 29 | 49 | e12 | e120 | 26 | --- | 18 | 131 | 233 | e80 | 30 | 10 | 66 |
| 30 | 54 | e12 | e80 | 27 | --- | 17 | 96 | 212 | e75 | 26 | 10 | 48 |
| 31 | 92 | --- | e90 | 25 | --- | 16 | --- | 143 | --- | 23 | 12 | --- |
| Total | 3,131 | 538 | 1,544 | 1,616 | 721 | 703.5 | 2,370 | 3,792 | 3,220 | 1,713 | 405.0 | 2,318 |
| Mean | 101 | 17.9 | 49.8 | 52.1 | 25.8 | 22.7 | 79.0 | 122 | 107 | 55.3 | 13.1 | 77.3 |
| Max | 357 | 59 | 120 | 200 | 81 | 63 | 162 | 233 | 199 | 160 | 20 | 209 |
| Min | 40 | 11 | 13 | 20 | 11 | 8.0 | 14 | 74 | 70 | 23 | 9.3 | 12 |
| Ac-ft | 6,210 | 1,070 | 3,060 | 3,210 | 1,430 | 1,400 | 4,700 | 7,520 | 6,390 | 3,400 | 803 | 4,600 |
| Cfsm | 9.90 | 1.76 | 4.88 | 5.11 | 2.52 | 2.22 | 7.75 | 12.0 | 10.5 | 5.42 | 1.28 | 7.58 |
| In. | 11.42 | 1.96 | 5.63 | 5.89 | 2.63 | 2.57 | 8.64 | 13.83 | 11.74 | 6.25 | 1.48 | 8.45 |

**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1968 - 2007, BY WATER YEAR (WY) #**

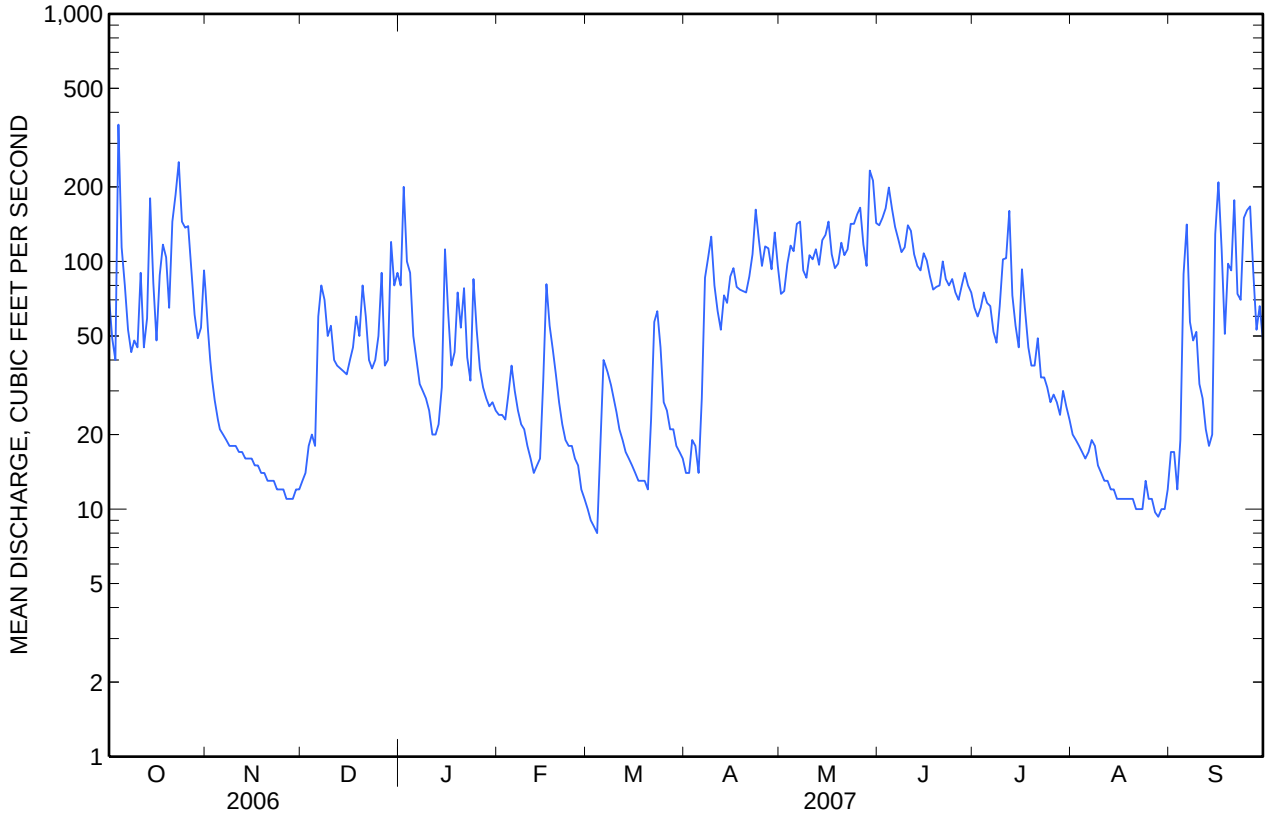
| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean | 114 | 79.5 | 66.4 | 49.4 | 48.2 | 43.9 | 65.9 | 97.5 | 63.2 | 30.0 | 31.6 | 77.9 |
| Max | 234 | 184 | 147 | 147 | 118 | 129 | 118 | 182 | 151 | 60.2 | 79.0 | 141 |
| (WY) | (1975) | (2006) | (2000) | (1985) | (1985) | (1994) | (1994) | (1972) | (1972) | (1970) | (1983) | (1981) |
| Min | 50.6 | 17.7 | 8.05 | 6.15 | 5.95 | 9.21 | 22.7 | 38.3 | 15.3 | 6.41 | 5.73 | 17.5 |
| (WY) | (1970) | (1974) | (1978) | (1969) | (1969) | (1974) | (2002) | (2003) | (2005) | (1989) | (2004) | (1986) |

**15106920 KADASHAN RIVER ABOVE HOOK CREEK NEAR TENAKEE, AK—Continued**

**SUMMARY STATISTICS**

| | Calendar Year 2006 | | Water Year 2007 | | Water Years 1968 - 2007[#] | |
|---|---|---|---|---|---|---|
| **Annual total** | 16,579.3 | | 22,071.5 | | | |
| **Annual mean** | 45.4 | | 60.5 | | 63.9 | |
| **Highest annual mean** | | | | | 80.8 | 1992 |
| **Lowest annual mean** | | | | | 44.1 | 1978 |
| **Highest daily mean** | 473 | Sep 24 | 357 | Oct 4 | 1,010 | Oct 19, 1998 |
| **Lowest daily mean** | 7.0 | Mar 17 | 8.0 | Mar 4 | [a]3.2 | Jul 28, 1989 |
| **Annual seven-day minimum** | 8.4 | Mar 14 | 10 | Aug 25 | 4.2 | Jan 13, 1974 |
| **Maximum peak flow** | | | 945 | Oct 4 | 2,200 | Nov 18, 2005 |
| **Maximum peak stage** | | | 4.46 | Oct 4 | [b]6.03 | Nov 18, 2005 |
| **Instantaneous low flow** | | | [c] | | 3.2 | Jul 28, 1989 |
| **Annual runoff (ac-ft)** | 32,890 | | 43,780 | | 46,270 | |
| **Annual runoff (cfsm)** | 4.45 | | 5.93 | | 6.26 | |
| **Annual runoff (inches)** | 60.47 | | 80.50 | | 85.08 | |
| **10 percent exceeds** | 89 | | 130 | | 138 | |
| **50 percent exceeds** | 28 | | 45 | | 42 | |
| **90 percent exceeds** | 12 | | 13 | | 12 | |

[#] See Period of Record; partial year used in monthly statistics
[a] Jul. 28 to Jul. 29, 1989
[b] From rating curve extended above 330 ft³/s on basis of area-velocity study at gage height 4.80 ft and shape of previous rating.
[c] Not determined, see lowest daily mean.



## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1967-72, 1974-77, 1981-1985, and 1987 to September 2007 (discontinued).

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: November 1967 to September 1978, December 1981 to December 1984, March 1987 to March 1988, and September 1988 to September 2007 (discontinued).

INSTRUMENTATION.--Digital water-temperature recorder, November 1967 to December 1984, set for 1-hour punch interval. Electronic water-temperature recorder, March 1987 to July 1996, set for 2-hour recording interval. Electronic water-temperature recorder with 15-minute recording interval since July 11, 1996.

REMARKS.--Record missing from November 7 to January 9 due to damaged recorder, and June 20 to July 3 due to recorder malfunction. Records represent water temperature at the sensor within 0.5 C. Temperature at the sensor was compared with the stream average by cross sections on April 12. No variation was found in the temperature cross section. No variation was found between mean stream temperature and sensor temperature.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 16.5 C, July 15, 1993; minimum, 0.0 C, on many days during winter.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 11.0 C, several days in August; minimum, 0.0 C, on many days during winter.

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

| Date | Time | Stream width, feet (00004) | Location in X-sect. looking dwnstrm ft from l bank (00009) | Gage height, feet (00065) | Instantaneous discharge, cfs (00061) | Sampling method, code (82398) | Temperature, air, deg C (00020) | Temperature, water, deg C (00010) |
|---|---|---|---|---|---|---|---|---|
| **Apr** | | | | | | | | |
| **12...** | 1006 | 31.5 | 3.00 | 1.64 | 53 | 10 | 2.5 | 1.6 |
| **12...** | 1007 | 31.5 | 8.00 | 1.64 | 53 | 10 | 2.5 | 1.6 |
| **12...** | 1008 | 31.5 | 13.0 | 1.64 | 53 | 10 | 2.5 | 1.6 |
| **12...** | 1009 | 31.5 | 18.0 | 1.64 | 53 | 10 | 2.5 | 1.6 |
| **12...** | 1010 | 31.5 | 23.0 | 1.64 | 53 | 10 | 2.5 | 1.6 |
| **12...** | 1011 | 31.5 | 28.0 | 1.64 | 53 | 10 | 2.5 | 1.6 |

**15106920 KADASHAN RIVER ABOVE HOOK CREEK NEAR TENAKEE, AK—Continued**

**TEMPERATURE, WATER, DEGREES CELSIUS**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | October | | | November | | | December | | | January | |
| 1 | 7.0 | 6.0 | 6.5 | 4.0 | 3.0 | 3.5 | --- | --- | --- | --- | --- | --- |
| 2 | 6.5 | 5.5 | 6.5 | 3.0 | 2.5 | 3.0 | --- | --- | --- | --- | --- | --- |
| 3 | 7.0 | 6.5 | 7.0 | 2.5 | 1.5 | 2.0 | --- | --- | --- | --- | --- | --- |
| 4 | 8.0 | 7.0 | 7.5 | 1.5 | 1.5 | 1.5 | --- | --- | --- | --- | --- | --- |
| 5 | 7.5 | 7.0 | 7.0 | 1.5 | 1.0 | 1.0 | --- | --- | --- | --- | --- | --- |
| 6 | 7.5 | 6.5 | 7.0 | 1.0 | 1.0 | 1.0 | --- | --- | --- | --- | --- | --- |
| 7 | 7.0 | 6.0 | 6.5 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 8 | 6.5 | 5.5 | 6.0 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | 7.5 | 6.5 | 7.0 | --- | --- | --- | --- | --- | --- | --- | 0.0 | --- |
| 10 | 8.0 | 7.0 | 7.5 | --- | --- | --- | --- | --- | --- | 0.0 | 0.0 | 0.0 |
| 11 | 8.5 | 7.0 | 8.0 | --- | --- | --- | --- | --- | --- | 0.0 | 0.0 | 0.0 |
| 12 | 7.0 | 6.0 | 6.0 | --- | --- | --- | --- | --- | --- | 0.5 | 0.0 | 0.0 |
| 13 | 6.5 | 6.0 | 6.0 | --- | --- | --- | --- | --- | --- | 1.0 | 0.5 | 0.5 |
| 14 | 7.5 | 6.5 | 7.0 | --- | --- | --- | --- | --- | --- | 1.0 | 0.0 | 0.5 |
| 15 | 7.0 | 6.5 | 7.0 | --- | --- | --- | --- | --- | --- | 0.0 | 0.0 | 0.0 |
| 16 | 6.5 | 5.0 | 5.5 | --- | --- | --- | --- | --- | --- | 1.0 | 0.0 | 0.5 |
| 17 | 5.0 | 5.0 | 5.0 | --- | --- | --- | --- | --- | --- | 1.0 | 0.5 | 1.0 |
| 18 | 6.0 | 5.0 | 5.5 | --- | --- | --- | --- | --- | --- | 1.5 | 1.0 | 1.0 |
| 19 | 7.0 | 6.0 | 6.5 | --- | --- | --- | --- | --- | --- | 1.0 | 1.0 | 1.0 |
| 20 | 7.0 | 6.5 | 6.5 | --- | --- | --- | --- | --- | --- | 1.5 | 1.0 | 1.0 |
| 21 | 7.5 | 7.0 | 7.0 | --- | --- | --- | --- | --- | --- | 1.0 | 0.5 | 1.0 |
| 22 | 7.5 | 6.5 | 7.0 | --- | --- | --- | --- | --- | --- | 1.0 | 1.0 | 1.0 |
| 23 | 7.0 | 6.5 | 6.5 | --- | --- | --- | --- | --- | --- | 1.0 | 0.5 | 1.0 |
| 24 | 6.5 | 5.5 | 6.0 | --- | --- | --- | --- | --- | --- | 1.0 | 0.5 | 1.0 |
| 25 | 6.0 | 5.0 | 5.5 | --- | --- | --- | --- | --- | --- | 1.0 | 0.5 | 1.0 |
| 26 | 5.0 | 4.5 | 5.0 | --- | --- | --- | --- | --- | --- | 1.5 | 1.0 | 1.5 |
| 27 | 5.0 | 4.5 | 4.5 | --- | --- | --- | --- | --- | --- | 1.5 | 1.0 | 1.0 |
| 28 | 4.5 | 3.5 | 4.0 | --- | --- | --- | --- | --- | --- | 1.5 | 0.5 | 1.0 |
| 29 | 3.5 | 3.0 | 3.5 | --- | --- | --- | --- | --- | --- | 2.0 | 1.5 | 1.5 |
| 30 | 4.0 | 3.5 | 4.0 | --- | --- | --- | --- | --- | --- | 2.0 | 1.5 | 2.0 |
| 31 | 4.0 | 3.5 | 4.0 | --- | --- | --- | --- | --- | --- | 1.5 | 1.0 | 1.5 |
| Month | 8.5 | 3.0 | 6.1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |

**15106920 KADASHAN RIVER ABOVE HOOK CREEK NEAR TENAKEE, AK—Continued**

**TEMPERATURE, WATER, DEGREES CELSIUS**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | February | | | March | | | April | | | May | |
| 1 | 1.0 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 1.5 | 0.5 | 1.0 | 3.0 | 1.5 | 2.0 |
| 2 | 1.0 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 0.5 | 3.5 | 1.5 | 2.5 |
| 3 | 1.0 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.5 | 2.5 | 1.5 | 2.0 |
| 4 | 1.0 | 0.5 | 1.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.5 | 2.5 | 1.5 | 2.0 |
| 5 | 1.5 | 1.0 | 1.5 | 0.0 | 0.0 | 0.0 | 1.5 | 0.5 | 1.0 | 2.5 | 1.5 | 2.0 |
| 6 | 1.5 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.5 | 0.5 | 1.0 | 2.0 | 1.5 | 2.0 |
| 7 | 1.5 | 1.0 | 1.5 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.5 | 2.5 | 1.5 | 2.0 |
| 8 | 1.5 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.5 | 3.0 | 1.5 | 2.0 |
| 9 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.5 | 3.5 | 2.0 | 2.5 |
| 10 | 1.0 | 0.0 | 0.5 | 0.5 | 0.0 | 0.5 | 1.5 | 1.0 | 1.5 | 3.0 | 2.0 | 2.5 |
| 11 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.5 | 2.0 | 1.0 | 1.5 | 3.0 | 2.0 | 2.5 |
| 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 1.0 | 1.5 | 3.0 | 2.0 | 2.5 |
| 13 | 1.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 2.0 | 1.5 | 1.5 | 3.5 | 1.5 | 2.5 |
| 14 | 1.0 | 0.5 | 0.5 | 0.5 | 0.0 | 0.0 | 2.0 | 1.5 | 1.5 | 2.5 | 2.0 | 2.5 |
| 15 | 1.0 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 1.5 | 1.5 | 1.5 | 3.5 | 2.0 | 2.5 |
| 16 | 1.0 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 2.0 | 1.0 | 1.5 | 3.0 | 2.0 | 2.5 |
| 17 | 1.0 | 0.0 | 0.5 | 0.5 | 0.5 | 0.5 | 2.5 | 1.5 | 2.0 | 3.5 | 2.0 | 2.5 |
| 18 | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 | 0.5 | 2.5 | 1.5 | 2.0 | 4.5 | 2.0 | 3.0 |
| 19 | 1.5 | 1.0 | 1.0 | 1.0 | 0.5 | 0.5 | 2.5 | 1.5 | 2.0 | 4.0 | 2.0 | 3.0 |
| 20 | 1.0 | 0.5 | 0.5 | 1.0 | 0.5 | 0.5 | 2.5 | 1.5 | 2.0 | 4.5 | 2.0 | 3.0 |
| 21 | 0.5 | 0.0 | 0.5 | 1.0 | 0.0 | 0.5 | 3.0 | 1.5 | 2.0 | 4.5 | 2.0 | 3.0 |
| 22 | 0.5 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 2.5 | 1.5 | 2.0 | 4.5 | 2.0 | 3.0 |
| 23 | 0.5 | 0.0 | 0.0 | 0.5 | 0.0 | 0.5 | 2.0 | 1.0 | 1.5 | 4.0 | 2.5 | 3.0 |
| 24 | 0.5 | 0.0 | 0.5 | 1.0 | 0.0 | 0.5 | 2.5 | 1.0 | 1.5 | 3.5 | 2.5 | 3.0 |
| 25 | 0.5 | 0.0 | 0.0 | 1.0 | 0.5 | 1.0 | 3.0 | 1.5 | 2.0 | 3.0 | 2.5 | 2.5 |
| 26 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 1.0 | 2.5 | 1.5 | 2.0 | 3.5 | 2.5 | 3.0 |
| 27 | 0.0 | 0.0 | 0.0 | 1.0 | 0.5 | 1.0 | 2.0 | 1.5 | 1.5 | 3.5 | 2.5 | 3.0 |
| 28 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.5 | 2.5 | 1.5 | 2.0 | 4.0 | 2.5 | 3.5 |
| 29 | --- | --- | --- | 1.0 | 0.5 | 0.5 | 2.0 | 1.5 | 1.5 | 3.5 | 2.5 | 3.0 |
| 30 | --- | --- | --- | 1.5 | 1.0 | 1.0 | 2.5 | 1.5 | 2.0 | 3.5 | 2.5 | 3.0 |
| 31 | --- | --- | --- | 1.5 | 0.5 | 1.0 | --- | --- | --- | 4.0 | 3.0 | 3.5 |
| Month | 1.5 | 0.0 | 0.6 | 1.5 | 0.0 | 0.4 | 3.0 | 0.0 | 1.4 | 4.5 | 1.5 | 2.6 |

**15106920 KADASHAN RIVER ABOVE HOOK CREEK NEAR TENAKEE, AK—Continued**

**TEMPERATURE, WATER, DEGREES CELSIUS**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

| Day | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean | Max | Min | Mean |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | June | | | July | | | August | | | September | |
| 1 | 5.0 | 3.0 | 4.0 | --- | --- | --- | 10.0 | 9.0 | 9.5 | 10.0 | 9.5 | 9.5 |
| 2 | 4.5 | 3.0 | 3.5 | --- | --- | --- | 10.0 | 9.0 | 9.5 | 10.0 | 9.0 | 9.5 |
| 3 | 4.5 | 3.0 | 4.0 | --- | --- | --- | 10.5 | 9.5 | 10.0 | 9.5 | 8.5 | 9.0 |
| 4 | 4.0 | 3.5 | 3.5 | 7.0 | 6.0 | 6.5 | 10.0 | 9.5 | 10.0 | 9.0 | 8.5 | 9.0 |
| 5 | 4.5 | 3.5 | 4.0 | 7.0 | 6.0 | 6.5 | 10.0 | 9.5 | 9.5 | 9.5 | 9.0 | 9.5 |
| 6 | 4.5 | 3.5 | 4.0 | 7.0 | 6.0 | 6.5 | 10.0 | 9.5 | 10.0 | 9.5 | 9.5 | 9.5 |
| 7 | 4.5 | 3.5 | 4.0 | 7.5 | 6.5 | 7.0 | 10.0 | 9.5 | 9.5 | 9.5 | 9.0 | 9.0 |
| 8 | 5.5 | 3.5 | 4.5 | 7.5 | 6.5 | 7.0 | 10.0 | 9.0 | 9.5 | 9.5 | 9.0 | 9.5 |
| 9 | 6.0 | 3.5 | 4.5 | 7.5 | 6.5 | 7.0 | 10.5 | 9.5 | 10.0 | 10.5 | 9.5 | 10.0 |
| 10 | 5.5 | 4.0 | 4.5 | 7.5 | 7.0 | 7.5 | 11.0 | 9.5 | 10.0 | 10.5 | 10.0 | 10.5 |
| 11 | 4.5 | 4.0 | 4.0 | 8.5 | 7.0 | 7.5 | 11.0 | 9.5 | 10.5 | 10.5 | 10.0 | 10.5 |
| 12 | 5.0 | 4.0 | 4.5 | 9.0 | 8.5 | 8.5 | 11.0 | 9.0 | 10.0 | 10.0 | 9.0 | 9.5 |
| 13 | 5.0 | 4.0 | 4.5 | 9.0 | 8.0 | 8.5 | 10.5 | 9.0 | 10.0 | 10.0 | 9.0 | 9.5 |
| 14 | 5.5 | 4.0 | 4.5 | 8.5 | 8.0 | 8.0 | 11.0 | 9.5 | 10.0 | 9.5 | 9.5 | 9.5 |
| 15 | 6.0 | 4.0 | 5.0 | 9.0 | 8.0 | 8.5 | 11.0 | 9.0 | 10.0 | 10.5 | 9.5 | 10.0 |
| 16 | 5.0 | 4.0 | 4.5 | 9.5 | 8.5 | 9.0 | 11.0 | 9.5 | 10.5 | 9.5 | 9.0 | 9.0 |
| 17 | 5.0 | 4.0 | 4.5 | 9.0 | 8.5 | 9.0 | 10.5 | 10.5 | 10.5 | 9.0 | 8.5 | 8.5 |
| 18 | 5.0 | 4.5 | 4.5 | 9.5 | 8.5 | 9.0 | 10.5 | 10.0 | 10.5 | 8.5 | 8.0 | 8.0 |
| 19 | 6.5 | 4.0 | 5.0 | 9.0 | 8.5 | 9.0 | 11.0 | 10.5 | 10.5 | 9.0 | 8.0 | 8.5 |
| 20 | --- | 4.5 | --- | 9.0 | 8.5 | 8.5 | 10.5 | 10.0 | 10.5 | 9.0 | 8.5 | 8.5 |
| 21 | --- | --- | --- | 9.5 | 8.5 | 9.0 | 10.5 | 9.5 | 10.0 | 8.5 | 8.0 | 8.5 |
| 22 | --- | --- | --- | 9.5 | 8.5 | 9.0 | 10.5 | 10.0 | 10.5 | 8.5 | 7.5 | 8.0 |
| 23 | --- | --- | --- | 9.5 | 9.0 | 9.0 | 10.5 | 9.5 | 10.0 | 8.0 | 8.0 | 8.0 |
| 24 | --- | --- | --- | 9.5 | 9.0 | 9.0 | 10.0 | 9.5 | 10.0 | 9.0 | 8.0 | 8.5 |
| 25 | --- | --- | --- | 9.5 | 8.5 | 9.0 | 10.0 | 9.5 | 9.5 | 8.5 | 8.0 | 8.5 |
| 26 | --- | --- | --- | 9.5 | 9.0 | 9.0 | 10.5 | 9.5 | 10.0 | 8.5 | 8.0 | 8.0 |
| 27 | --- | --- | --- | 10.0 | 9.0 | 9.5 | 10.5 | 9.0 | 10.0 | 8.0 | 7.0 | 7.5 |
| 28 | --- | --- | --- | 10.0 | 9.0 | 9.5 | 10.0 | 9.0 | 9.5 | 7.0 | 6.5 | 6.5 |
| 29 | --- | --- | --- | 10.0 | 9.0 | 9.5 | 10.5 | 9.5 | 10.0 | 7.0 | 6.5 | 7.0 |
| 30 | --- | --- | --- | 10.0 | 9.0 | 9.5 | 10.0 | 9.5 | 10.0 | 7.5 | 7.0 | 7.0 |
| 31 | --- | --- | --- | 9.5 | 9.0 | 9.0 | 10.0 | 9.5 | 9.5 | --- | --- | --- |
| Month | --- | --- | --- | --- | --- | --- | 11.0 | 9.0 | 10.0 | 10.5 | 6.5 | 8.8 |