

# YUKON ALASKA

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 one-hour recording interval.

REMARKS.-- Probe installed on June 25, 2002. Missing record in May was from probe damaged by ice. Records represent water temperature at the sensor within 0.5°C. Temperature was compared with the stream average by cross section on June 3. No variation was found. The variation found between mean stream temperature and sensor temperature was less than 0.5°C.

EXTREMES FOR PERIOD OF RECORD.--

WATER TEMPERATURE: Maximum, 19.0°C, Aug. 3-4; 2002; minimum, 0.0°C, many days during winter and spring breakup periods.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 18.5°C, July 13-15.; minimum, 0.0°C, many days during fall, winter and spring breakup period.

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

Date	Time	STREAM WIDTH (FT) (00004)	SAMPLE LOC- ATION, CROSS SECTION (FT FM L BANK) (00009)	GAGE HEIGHT (FEET) (00065)	DIS- CHARGE, INST. CUBIC FEET PER SECOND (00061)	SAM- PLING METHOD, CODES (82398)	SAMPLER TYPE (CODE) (84164)	TEMPER-	TEMPER-
								ATURE WATER (DEG C) (00010)	ATURE AIR (DEG C) (00020)
Jun									
03...	1501	196	30.0	22.39	4950	10	8010	8.5	15.0
03...	1503	196	60.0	22.39	4950	10	8010	8.5	15.0
03...	1505	196	90.0	22.39	4950	10	8010	8.5	15.0
03...	1507	196	144	22.39	4950	10	8010	8.5	15.0
03...	1509	196	180	22.39	4950	10	8010	8.5	15.0

### WATER TEMPERATURE, (DEGREES CELSIUS), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	6.5	4.5	5.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
2	6.5	6.5	6.5	1.5	1.5	1.5	0.0	0.0	0.0	0.5	0.0	0.0
3	6.5	5.5	6.0	2.0	1.5	2.0	0.5	0.0	0.0	0.5	0.0	0.5
4	5.5	5.0	5.0	2.0	2.0	2.0	0.0	0.0	0.0	0.5	0.0	0.5
5	5.0	4.5	5.0	2.5	2.0	2.0	0.0	0.0	0.0	0.5	0.5	0.5
6	4.5	4.5	4.5	2.5	2.5	2.5	0.0	0.0	0.0	0.5	0.0	0.5
7	4.5	4.5	4.5	2.5	2.0	2.5	0.0	0.0	0.0	0.5	0.0	0.5
8	4.5	4.5	4.5	2.0	1.5	2.0	0.0	0.0	0.0	0.5	0.5	0.5
9	4.5	4.5	4.5	1.5	1.0	1.0	0.0	0.0	0.0	0.5	0.5	0.5
10	4.5	4.0	4.0	1.0	0.5	0.5	0.0	0.0	0.0	0.5	0.5	0.5
11	4.0	3.5	3.5	0.5	0.5	0.5	0.0	0.0	0.0	0.5	0.0	0.5
12	3.5	3.0	3.0	1.0	0.5	0.5	0.0	0.0	0.0	0.5	0.5	0.5
13	3.0	2.5	2.5	1.0	1.0	1.0	0.0	0.0	0.0	0.5	0.5	0.5
14	2.5	1.5	2.0	1.0	1.0	1.0	0.0	0.0	0.0	0.5	0.5	0.5
15	1.5	1.5	1.5	1.0	0.0	0.5	0.0	0.0	0.0	0.5	0.5	0.5
16	2.0	1.5	2.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	0.5
17	2.0	1.5	2.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	0.5
18	1.5	1.0	1.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	0.5
19	1.0	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	0.5
20	1.0	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	0.5
21	1.0	1.0	1.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.5	0.5
22	1.0	1.0	1.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5	0.5
23	1.0	0.5	0.5	0.0	0.0	0.0	0.5	0.0	0.5	0.5	0.0	0.5
24	0.5	0.5	0.5	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.0	0.5
25	0.5	0.5	0.5	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.0	0.5
26	0.5	0.5	0.5	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.0	0.5
27	0.5	0.5	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
28	1.0	0.5	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
29	1.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5
30	1.0	0.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5
31	1.5	1.0	1.5	---	---	---	0.0	0.0	0.0	0.5	0.0	0.5
MONTH	6.5	0.5	2.5	2.5	0.0	0.7	0.5	0.0	0.1	0.5	0.0	0.4

# YUKON ALASKA

## 1556540 ANVIK RIVER NEAR ANVIK—Continued

WATER TEMPERATURE, (DEGREES CELSIUS), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	FEBRUARY			MARCH			APRIL			MAY		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	---	---
2	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.5	0.5
3	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.5	1.0
4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	2.0
5	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.5	2.5	3.0
6	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.0	2.0
7	0.5	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0
8	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2.5	2.0	2.5
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.5	2.5
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.0	2.5
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.5	2.5
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.0	2.5
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	3.0	3.5
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	3.5	---
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---
19	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	---	---
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	5.0	5.5
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	6.0	---
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	---	---
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	6.5	7.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	7.5	8.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	7.5	8.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	8.5	7.0	7.5
29	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	7.0	6.5	6.5
30	---	---	---	0.0	0.0	0.0	1.0	0.5	0.5	8.0	7.0	---
31	---	---	---	0.0	0.0	0.0	---	---	---	9.0	---	---
MONTH	0.5	0.0	0.1	0.5	0.0	0.0	1.0	0.0	0.0	---	---	---

DAY	JUNE			JULY			AUGUST			SEPTEMBER		
	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
1	9.0	7.5	8.5	16.0	14.0	15.0	16.0	15.0	15.5	11.0	10.0	10.5
2	10.0	8.5	9.0	14.0	13.0	13.0	16.0	14.5	15.0	11.0	10.0	10.5
3	10.0	8.5	9.0	13.5	12.5	12.5	15.5	14.0	14.5	10.5	9.0	9.5
4	9.0	8.5	8.5	13.5	12.5	13.0	14.5	14.0	14.5	9.5	8.0	8.5
5	11.0	8.5	9.5	14.0	13.0	13.5	15.0	13.5	14.5	9.5	8.0	8.5
6	13.0	10.5	11.5	15.5	13.0	14.0	17.0	14.0	15.5	10.5	8.5	9.5
7	14.0	13.0	13.5	16.0	14.5	15.5	16.5	15.0	15.5	10.5	9.0	10.0
8	14.0	11.5	12.5	16.5	14.5	15.5	15.0	13.5	14.0	10.5	8.5	9.5
9	11.5	9.5	10.0	17.0	15.0	16.0	14.0	13.0	13.5	10.5	9.0	9.5
10	11.5	10.0	10.5	17.5	15.0	16.5	13.5	13.0	13.5	11.0	9.5	10.0
11	11.5	11.0	11.5	18.0	16.0	17.0	15.0	13.0	14.0	10.5	8.5	9.5
12	12.5	11.5	12.0	18.0	16.0	17.5	15.0	14.0	14.5	9.5	7.5	8.5
13	12.5	11.5	12.0	18.5	16.5	17.5	14.0	13.5	13.5	8.0	6.5	7.0
14	12.5	12.0	12.0	18.5	16.5	17.5	13.5	13.0	13.5	7.0	6.0	6.5
15	12.0	11.0	11.5	18.5	17.0	17.5	15.0	13.0	13.5	6.5	5.5	5.5
16	12.0	12.0	12.0	17.5	16.5	17.0	16.5	14.0	15.0	5.5	5.0	5.0
17	12.0	11.0	11.5	16.5	15.5	16.0	16.5	15.0	16.0	5.0	3.5	4.5
18	11.5	10.0	10.5	17.0	15.0	16.0	16.5	15.0	16.0	4.0	3.5	4.0
19	12.0	10.0	10.5	17.0	14.5	16.0	17.5	15.5	16.5	4.5	4.0	4.0
20	13.5	11.5	12.5	17.5	15.5	16.5	17.5	16.0	16.5	5.0	4.0	4.5
21	13.5	12.5	13.0	18.0	16.0	17.0	16.5	14.5	15.0	5.0	4.5	5.0
22	13.5	12.0	12.5	18.0	16.0	17.0	14.5	13.5	14.0	5.0	4.5	4.5
23	12.0	11.0	11.5	17.5	15.5	16.5	15.5	13.5	14.5	5.0	4.0	4.0
24	11.5	10.0	10.5	18.0	15.5	17.0	15.0	14.0	14.5	4.0	3.0	4.0
25	11.5	9.5	10.5	17.5	16.5	17.0	15.0	13.5	14.0	4.0	3.0	3.5
26	13.5	11.0	12.0	17.0	15.5	16.0	14.0	11.5	12.5	3.0	2.5	2.5
27	16.0	13.5	14.0	15.5	14.5	15.0	11.5	10.5	11.0	2.5	1.5	2.0
28	17.0	15.0	15.5	15.5	14.0	14.5	10.5	8.5	9.5	2.0	1.0	1.5
29	17.0	16.0	16.5	16.5	14.5	15.5	9.5	8.5	9.0	2.0	1.0	1.5
30	16.5	15.5	16.0	15.5	14.0	14.5	10.5	9.5	10.0	1.0	0.5	0.5
31	---	---	---	16.5	15.0	16.0	10.5	10.0	10.0	---	---	---
MONTH	17.0	7.5	11.7	18.5	12.5	15.8	17.5	8.5	13.8	11.0	0.5	6.1