

# NORTHWEST ALASKA

## 15583500 ETTA CREEK NEAR COUNCIL

LOCATION.--Lat 64°41'56", long 164°09'57", in SE<sup>1</sup>/<sub>4</sub> NE<sup>1</sup>/<sub>4</sub> NE<sup>1</sup>/<sub>4</sub> sec. 24, T.9 S., R.28 W. (Solomon C-5 quad), Seward Peninsula, Hydrologic Unit 19050104, on the left bank, .2 mi upstream from mouth at the East Fork of Solomon River, 25 miles southwest of Council, Alaska.

DRAINAGE AREA.--1.33 mi<sup>2</sup>.

PERIOD OF RECORD.--July 2001 to current year (no winter record).

GAGE.--Water-stage recorder. Elevation of gage is 330 ft above sea level from topographic map.

REMARKS.--Records fair, except for estimated daily discharges, which are poor. GOES satellite telemetry at station.

EXTREMES FOR CURRENT PERIOD.-- July to September 2001: Maximum discharge during period, 9.3 ft<sup>3</sup>/s, August 13, gage height 50.22 ft. Minimum discharge not determined, occurs during winter.

October 2001 to September 2002: Maximum discharge observed during period, 9.3 ft<sup>3</sup>/s, September 28, gage height 50.22 ft. Minimum discharge not determined, occurs during winter.

October 2002 to September 2003: Maximum daily discharge during period, 15 ft<sup>3</sup>/s (estimated), June 1. Minimum discharge not determined, occurs during winter.

October 2003 to September 2004: Maximum daily discharge during period, 15 ft<sup>3</sup>/s (estimated), June 4. Minimum discharge not determined, occurs during winter.

### DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	e5.8	3.4	2.8
2	---	---	---	---	---	---	---	---	---	e5.4	3.2	2.7
3	---	---	---	---	---	---	---	---	---	e5.0	3.0	2.7
4	---	---	---	---	---	---	---	---	---	e5.1	2.9	3.3
5	---	---	---	---	---	---	---	---	---	e5.2	2.8	2.8
6	---	---	---	---	---	---	---	---	---	e4.8	2.7	2.8
7	---	---	---	---	---	---	---	---	---	e4.6	2.7	2.8
8	---	---	---	---	---	---	---	---	---	e4.5	3.3	2.8
9	---	---	---	---	---	---	---	---	---	e4.5	3.2	2.9
10	---	---	---	---	---	---	---	---	---	e4.6	2.9	2.8
11	---	---	---	---	---	---	---	---	---	e4.7	3.0	2.8
12	---	---	---	---	---	---	---	---	---	e4.8	3.4	2.7
13	---	---	---	---	---	---	---	---	---	e5.0	5.1	2.6
14	---	---	---	---	---	---	---	---	---	e4.9	7.2	2.5
15	---	---	---	---	---	---	---	---	---	e5.2	7.0	2.4
16	---	---	---	---	---	---	---	---	---	e5.5	6.5	2.3
17	---	---	---	---	---	---	---	---	---	5.7	6.2	2.2
18	---	---	---	---	---	---	---	---	---	5.2	5.9	2.2
19	---	---	---	---	---	---	---	---	---	6.1	5.7	2.1
20	---	---	---	---	---	---	---	---	---	5.7	5.4	2.1
21	---	---	---	---	---	---	---	---	---	5.5	5.0	2.1
22	---	---	---	---	---	---	---	---	---	5.3	4.8	2.0
23	---	---	---	---	---	---	---	---	---	5.1	4.6	2.0
24	---	---	---	---	---	---	---	---	---	4.7	4.4	1.9
25	---	---	---	---	---	---	---	---	---	4.5	4.1	1.9
26	---	---	---	---	---	---	---	---	---	4.3	4.0	1.8
27	---	---	---	---	---	---	---	---	---	4.2	3.8	1.8
28	---	---	---	---	---	---	---	---	---	4.0	3.7	1.7
29	---	---	---	---	---	---	---	---	---	3.9	3.3	1.6
30	---	---	---	---	---	---	---	---	---	3.7	3.2	e1.5
31	---	---	---	---	---	---	---	---	---	3.6	3.1	---
TOTAL	---	---	---	---	---	---	---	---	---	151.1	129.5	70.6
MEAN	---	---	---	---	---	---	---	---	---	4.87	4.18	2.35
MAX	---	---	---	---	---	---	---	---	---	6.1	7.2	3.3
MIN	---	---	---	---	---	---	---	---	---	3.6	2.7	1.5
MED	---	---	---	---	---	---	---	---	---	4.9	3.7	2.4
AC-FT	---	---	---	---	---	---	---	---	---	300	257	140
CFSM	---	---	---	---	---	---	---	---	---	3.66	3.14	1.77
IN.	---	---	---	---	---	---	---	---	---	4.23	3.62	1.97

e Estimated

# NORTHWEST ALASKA

## 15583500 ETTA CREEK NEAR COUNCIL—Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.6	---	---	---	---	---	---	---	e5.4	e0.54	e0.68	0.36
2	1.5	---	---	---	---	---	---	---	e4.2	e0.54	e0.66	0.36
3	1.7	---	---	---	---	---	---	---	e3.6	e0.57	e0.63	0.38
4	2.0	---	---	---	---	---	---	---	e3.7	e0.60	e0.60	0.59
5	1.7	---	---	---	---	---	---	---	e3.8	e0.65	e0.58	1.3
6	1.6	---	---	---	---	---	---	---	e3.5	e0.69	e0.54	2.1
7	1.5	---	---	---	---	---	---	---	e3.0	e0.69	e0.50	1.9
8	e1.4	---	---	---	---	---	---	---	e2.8	e0.66	e0.48	1.7
9	e1.4	---	---	---	---	---	---	---	e2.6	e0.63	e0.47	1.6
10	e1.3	---	---	---	---	---	---	---	e2.2	e0.62	e0.44	1.4
11	e1.3	---	---	---	---	---	---	---	e2.0	e0.62	e0.42	1.3
12	e1.2	---	---	---	---	---	---	---	e1.9	e0.61	e0.40	1.5
13	e1.2	---	---	---	---	---	---	---	e1.8	e0.60	e0.39	1.5
14	e1.1	---	---	---	---	---	---	---	e1.7	e0.60	e0.38	1.3
15	e1.1	---	---	---	---	---	---	---	e1.6	e0.60	e0.37	1.2
16	e1.0	---	---	---	---	---	---	---	e1.5	e0.59	e0.36	1.2
17	e1.0	---	---	---	---	---	---	---	e1.4	e0.59	e0.36	1.2
18	e0.90	---	---	---	---	---	---	---	e1.3	e0.58	e0.35	1.4
19	e0.90	---	---	---	---	---	---	---	e1.2	e0.57	e0.35	1.4
20	e0.80	---	---	---	---	---	---	---	e1.1	e0.55	e0.35	1.3
21	e0.80	---	---	---	---	---	---	---	e1.0	e0.54	e0.36	1.3
22	e0.80	---	---	---	---	---	---	---	e0.90	e0.53	0.36	1.2
23	e0.80	---	---	---	---	---	---	---	e0.85	e0.53	0.36	1.2
24	e0.7	---	---	---	---	---	---	---	e0.80	e0.55	0.36	1.6
25	e0.70	---	---	---	---	---	---	---	e0.75	e0.57	0.36	1.4
26	e0.70	---	---	---	---	---	---	---	e0.72	e0.59	0.36	2.5
27	e0.70	---	---	---	---	---	---	---	e0.68	e0.60	0.40	5.5
28	e0.60	---	---	---	---	---	---	---	e0.63	e0.66	0.43	7.1
29	e0.60	---	---	---	---	---	---	---	e0.59	e0.70	0.38	5.7
30	e0.60	---	---	---	---	---	---	---	e0.56	e0.70	0.36	5.3
31	e0.60	---	---	---	---	---	---	---	---	e0.69	0.36	---
TOTAL	33.80	---	---	---	---	---	---	---	57.78	18.76	13.40	57.79
MEAN	1.09	---	---	---	---	---	---	---	1.93	0.61	0.43	1.93
MAX	2.0	---	---	---	---	---	---	---	5.4	0.70	0.68	7.1
MIN	0.60	---	---	---	---	---	---	---	0.56	0.53	0.35	0.36
MED	1.0	---	---	---	---	---	---	---	1.6	0.60	0.38	1.4
AC-FT	67	---	---	---	---	---	---	---	115	37	27	115
CFSM	0.82	---	---	---	---	---	---	---	1.45	0.46	0.33	1.45
IN.	0.95	---	---	---	---	---	---	---	1.62	0.52	0.37	1.62

e Estimated

# NORTHWEST ALASKA

## 15583500 ETTA CREEK NEAR COUNCIL—Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.2	---	---	---	---	---	---	---	e15	3.7	2.1	3.5
2	5.0	---	---	---	---	---	---	---	e14	3.2	2.1	3.4
3	4.3	---	---	---	---	---	---	---	e13	2.8	2.1	3.4
4	4.2	---	---	---	---	---	---	---	e12	2.9	2.0	3.1
5	4.1	---	---	---	---	---	---	---	e11	2.7	1.9	3.0
6	4.1	---	---	---	---	---	---	---	10	2.7	1.9	3.1
7	3.8	---	---	---	---	---	---	---	8.4	2.6	1.9	3.0
8	e3.5	---	---	---	---	---	---	---	8.1	2.4	1.9	2.9
9	e3.2	---	---	---	---	---	---	---	7.6	2.3	1.8	2.8
10	3.3	---	---	---	---	---	---	---	6.7	2.4	1.8	2.8
11	3.7	---	---	---	---	---	---	---	7.1	2.1	2.5	2.7
12	3.5	---	---	---	---	---	---	---	7.2	2.1	2.1	2.6
13	3.4	---	---	---	---	---	---	---	6.1	2.1	2.4	2.5
14	3.5	---	---	---	---	---	---	---	4.5	2.0	2.4	2.5
15	3.5	---	---	---	---	---	---	---	3.6	1.9	2.4	2.4
16	e3.2	---	---	---	---	---	---	---	3.1	1.8	2.3	2.3
17	e3.1	---	---	---	---	---	---	---	3.2	1.7	2.3	2.3
18	e3.0	---	---	---	---	---	---	---	3.1	1.6	2.3	2.3
19	e3.0	---	---	---	---	---	---	---	2.9	1.5	2.3	2.3
20	e2.9	---	---	---	---	---	---	---	2.8	1.5	2.2	2.1
21	e2.8	---	---	---	---	---	---	---	2.7	1.5	2.1	2.1
22	e2.8	---	---	---	---	---	---	---	2.6	1.7	2.2	2.1
23	e2.7	---	---	---	---	---	---	---	2.3	2.1	2.4	2.0
24	e2.6	---	---	---	---	---	---	---	2.9	1.8	2.3	2.0
25	2.7	---	---	---	---	---	---	---	2.3	2.0	3.1	1.9
26	2.5	---	---	---	---	---	---	---	2.1	2.1	3.3	e1.8
27	2.4	---	---	---	---	---	---	---	1.8	2.1	3.6	1.8
28	2.4	---	---	---	---	---	---	---	1.8	2.2	3.7	1.8
29	2.5	---	---	---	---	---	---	---	3.8	2.3	3.7	2.0
30	e2.6	---	---	---	---	---	---	---	2.5	2.3	3.7	1.9
31	2.7	---	---	---	---	---	---	---	---	2.1	3.7	---
TOTAL	102.2	---	---	---	---	---	---	---	174.2	68.2	76.5	74.4
MEAN	3.30	---	---	---	---	---	---	---	5.81	2.20	2.47	2.48
MAX	5.2	---	---	---	---	---	---	---	15	3.7	3.7	3.5
MIN	2.4	---	---	---	---	---	---	---	1.8	1.5	1.8	1.8
MED	3.2	---	---	---	---	---	---	---	3.7	2.1	2.3	2.4
AC-FT	203	---	---	---	---	---	---	---	346	135	152	148
CFSM	2.48	---	---	---	---	---	---	---	4.37	1.65	1.86	1.86
IN.	2.86	---	---	---	---	---	---	---	4.87	1.91	2.14	2.08

e Estimated

# NORTHWEST ALASKA

## 15583500 ETTA CREEK NEAR COUNCIL—Continued

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e2.0	---	---	---	---	---	---	e5.0	5.5	1.9	0.91	2.8
2	2.1	---	---	---	---	---	---	e10	5.7	1.8	0.95	2.7
3	2.2	---	---	---	---	---	---	e12	5.0	1.8	1.1	2.6
4	2.3	---	---	---	---	---	---	e15	4.7	1.7	1.1	2.5
5	2.3	---	---	---	---	---	---	e14	5.7	1.7	0.99	2.6
6	2.3	---	---	---	---	---	---	e14	5.7	1.6	0.99	2.6
7	2.3	---	---	---	---	---	---	e13	5.6	1.5	1.3	2.5
8	2.3	---	---	---	---	---	---	e12	4.7	1.5	2.9	2.4
9	2.1	---	---	---	---	---	---	e12	4.1	1.5	3.5	2.2
10	2.1	---	---	---	---	---	---	e12	4.0	1.4	3.2	2.2
11	2.1	---	---	---	---	---	---	e11	4.0	1.3	3.0	2.2
12	2.0	---	---	---	---	---	---	e10	4.1	1.3	3.8	2.2
13	2.0	---	---	---	---	---	---	e10	3.9	1.2	6.1	2.1
14	1.9	---	---	---	---	---	---	e9.5	3.4	1.2	5.7	2.0
15	1.9	---	---	---	---	---	---	e9.0	3.3	1.2	5.5	2.0
16	e1.9	---	---	---	---	---	---	e8.0	3.1	1.2	5.8	2.0
17	e1.8	---	---	---	---	---	---	e7.0	3.0	1.3	5.2	1.9
18	e1.8	---	---	---	---	---	---	e6.0	2.9	1.2	4.6	1.9
19	e1.8	---	---	---	---	---	---	e5.0	3.0	1.2	4.2	1.9
20	e1.7	---	---	---	---	---	---	e5.0	2.6	1.2	4.2	1.8
21	e1.7	---	---	---	---	---	---	e6.0	2.6	1.2	4.1	1.8
22	e1.7	---	---	---	---	---	---	e6.4	2.7	1.1	3.9	1.8
23	e1.6	---	---	---	---	---	---	e6.2	3.2	1.0	3.5	1.8
24	e1.6	---	---	---	---	---	---	e6.0	2.5	1.0	3.5	1.7
25	e1.5	---	---	---	---	---	---	5.5	2.4	1.0	3.4	1.7
26	e1.5	---	---	---	---	---	---	5.3	2.3	1.0	3.4	1.5
27	e1.4	---	---	---	---	---	---	4.4	2.3	1.1	3.3	e1.5
28	e1.4	---	---	---	---	---	---	3.9	2.3	0.99	3.2	e1.4
29	e1.3	---	---	---	---	---	---	4.6	2.2	0.99	3.1	1.4
30	e1.3	---	---	---	---	---	---	5.4	2.0	0.98	3.0	1.4
31	e1.4	---	---	---	---	---	---	5.8	---	0.96	2.9	---
TOTAL	57.3	---	---	---	---	---	---	259.0	108.5	40.02	102.34	61.1
MEAN	1.85	---	---	---	---	---	---	8.35	3.62	1.29	3.30	2.04
MAX	2.3	---	---	---	---	---	---	15	5.7	1.9	6.1	2.8
MIN	1.3	---	---	---	---	---	---	3.9	2.0	0.96	0.91	1.4
MED	1.9	---	---	---	---	---	---	7.0	3.2	1.2	3.4	2.0
AC-FT	114	---	---	---	---	---	---	514	215	79	203	121
CFSM	1.39	---	---	---	---	---	---	6.28	2.72	0.97	2.48	1.53
IN.	1.60	---	---	---	---	---	---	7.24	3.03	1.12	2.86	1.71

e Estimated