

SOUTH-CENTRAL ALASKA

15294640 LAKE FORK CRESCENT RIVER NEAR TUXEDNI BAY

LOCATION.--Lat 60°21'29", long 152°49'07", in SE¹/₄ SE¹/₄ SW¹/₄ sec. 7, T.3 N., R.20 W. (Kenai B-8 quad), Kenai Peninsula Borough, Hydrologic Unit 19020602, on the right bank, 1.2 mi downstream from Crescent Lake outlet.

DRAINAGE AREA.--125 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June to September 2005 (seasonal).

GAGE.--Water-stage recorder. Elevation of gage is 550 ft above sea level from topographic map.

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

EXTREMES FOR CURRENT PERIOD: June 2005 to September 2005, maximum discharge observed during period, 3,520 ft³/s, June 19, gage-height, 14.85 ft, but may have been higher during estimated periods; minimum discharge not determined, occurs during winter.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	e2400	2800	1700	997
2	---	---	---	---	---	---	---	---	e2200	2750	1590	944
3	---	---	---	---	---	---	---	---	e2000	2700	1540	908
4	---	---	---	---	---	---	---	---	e2200	2610	1480	934
5	---	---	---	---	---	---	---	---	e2200	2530	1420	938
6	---	---	---	---	---	---	---	---	e2400	2480	1390	996
7	---	---	---	---	---	---	---	---	e2400	2470	1400	1030
8	---	---	---	---	---	---	---	---	e2600	2440	1410	1010
9	---	---	---	---	---	---	---	---	e2600	2440	1430	1060
10	---	---	---	---	---	---	---	---	e2400	2480	1470	1180
11	---	---	---	---	---	---	---	---	e2400	2470	1490	1160
12	---	---	---	---	---	---	---	---	e2200	2400	1520	1180
13	---	---	---	---	---	---	---	---	e2200	2390	1550	1190
14	---	---	---	---	---	---	---	---	e2200	2270	1580	1120
15	---	---	---	---	---	---	---	---	e2200	2140	1590	1130
16	---	---	---	---	---	---	---	---	e2200	2090	1540	1430
17	---	---	---	---	---	---	---	---	e2600	2060	1490	1500
18	---	---	---	---	---	---	---	---	e3200	2000	1520	1380
19	---	---	---	---	---	---	---	---	e3500	1960	1480	1230
20	---	---	---	---	---	---	---	---	e3400	1890	1450	1100
21	---	---	---	---	---	---	---	---	e3200	1850	1410	979
22	---	---	---	---	---	---	---	---	e3000	1790	1350	909
23	---	---	---	---	---	---	---	---	e2800	1700	1370	905
24	---	---	---	---	---	---	---	---	e2800	1640	1390	939
25	---	---	---	---	---	---	---	---	e2600	1880	1340	896
26	---	---	---	---	---	---	---	---	e2600	2150	1260	831
27	---	---	---	---	---	---	---	---	e2500	2130	1180	809
28	---	---	---	---	---	---	---	---	2560	2020	1130	819
29	---	---	---	---	---	---	---	---	2650	1910	1110	780
30	---	---	---	---	---	---	---	---	2760	1820	1060	732
31	---	---	---	---	---	---	---	---	---	1770	1040	---
TOTAL	---	---	---	---	---	---	---	---	76970	68030	43680	31016
MEAN	---	---	---	---	---	---	---	---	2566	2195	1409	1034
MAX	---	---	---	---	---	---	---	---	3500	2800	1700	1500
MIN	---	---	---	---	---	---	---	---	2000	1640	1040	732
AC-FT	---	---	---	---	---	---	---	---	152700	134900	86640	61520
CFSM	---	---	---	---	---	---	---	---	20.6	17.6	11.3	8.30
IN.	---	---	---	---	---	---	---	---	22.99	20.32	13.05	9.26

e Estimated