

SOUTHWEST ALASKA

15300200 ROADHOUSE CREEK NEAR ILIAMNA

LOCATION.--Lat 59°45'26", long 154°50'49", in NE¹/₄ SW¹/₄ sec. 11, T.5 S., R.32 W. (Iliamna D-5 quad), Hydrologic Unit 19030206, on right bank, 30 feet upstream from culverts on Iliamna road, 2.1 miles east of Iliamna airport.

DRAINAGE AREA.--20.8 mi².

PERIOD OF RECORD.--Annual maximum, water years 1973-76, 1978-83. May to September 2005

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 75 ft above sea level, from topographic map.

REMARKS.--Records good, except for discharges above 100 ft³/s which are fair, and estimated daily discharges which are poor. GOES satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 282 ft³/s, September 10, 2005, gage-height 11.88 ft, minimum observed, 7.9 ft³/s, August 22, 1974.

EXTREMES FOR CURRENT PERIOD.--Maximum discharge during the period, May 1 through September 30, 282 ft³/s, September 10, gage height 11.88 ft; minimum discharge during period, 10 ft³/s August 12-13 and 15-16.

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	---	---	---	---	---	---	---	e65	21	27	17	26
2	---	---	---	---	---	---	---	e60	20	31	16	22
3	---	---	---	---	---	---	---	e55	20	27	16	22
4	---	---	---	---	---	---	---	e55	19	22	15	58
5	---	---	---	---	---	---	---	e58	18	21	15	69
6	---	---	---	---	---	---	---	e60	17	23	14	92
7	---	---	---	---	---	---	---	e58	17	20	13	88
8	---	---	---	---	---	---	---	e50	17	18	13	76
9	---	---	---	---	---	---	---	e48	18	21	12	159
10	---	---	---	---	---	---	---	e46	18	21	12	267
11	---	---	---	---	---	---	---	e44	18	19	12	208
12	---	---	---	---	---	---	---	e40	19	23	11	150
13	---	---	---	---	---	---	---	e43	18	26	11	125
14	---	---	---	---	---	---	---	e43	17	22	11	101
15	---	---	---	---	---	---	---	e37	16	18	11	106
16	---	---	---	---	---	---	---	e35	15	22	11	134
17	---	---	---	---	---	---	---	e32	15	28	13	127
18	---	---	---	---	---	---	---	e30	36	23	16	108
19	---	---	---	---	---	---	---	e28	41	20	18	86
20	---	---	---	---	---	---	---	e30	36	18	15	72
21	---	---	---	---	---	---	---	e30	28	17	15	62
22	---	---	---	---	---	---	---	e29	24	15	14	65
23	---	---	---	---	---	---	---	e28	24	14	35	96
24	---	---	---	---	---	---	---	26	21	15	46	119
25	---	---	---	---	---	---	---	26	19	17	39	119
26	---	---	---	---	---	---	---	‡55	24	18	18	101
27	---	---	---	---	---	---	---	24	17	17	22	85
28	---	---	---	---	---	---	---	23	20	17	31	81
29	---	---	---	---	---	---	---	23	21	17	43	73
30	---	---	---	---	---	---	---	22	20	16	42	65
31	---	---	---	---	---	---	---	21	---	16	34	---
TOTAL	---	---	---	---	---	---	---	1193	628	629	621	2962
MEAN	---	---	---	---	---	---	---	38.5	20.9	20.3	20.0	98.7
MAX	---	---	---	---	---	---	---	65	41	31	46	267
MIN	---	---	---	---	---	---	---	21	15	14	11	22
AC-FT	---	---	---	---	---	---	---	2370	1250	1250	1230	5880
CFSM	---	---	---	---	---	---	---	1.85	1.01	0.98	0.96	4.75
IN.	---	---	---	---	---	---	---	2.13	1.12	1.12	1.11	5.30

‡ Result of discharge measurement
e Estimated