

SOUTHEAST ALASKA

15129510 OLD SITUK RIVER NEAR YAKUTAT

LOCATION.--Lat 59°34'14", long 139°26'18", in NW¹/₄ NE¹/₄ NW¹/₄ sec. 23, T. 27 S., R. 35 E. (Yakutat C-4 quad.), Yakutat Borough, Hydrologic Unit 19010401, in Tongass National Forest, on right bank 100 ft downstream from Forest Hwy. 10, 10.5 mi northeast of Yakutat.

DRAINAGE AREA.--4.78 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 77 ft above sea level, from topographic map.

REMARKS.--Records fair. No estimated daily discharges.

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	26	32	27	36	25	42	28	52	23	13	18	9.7
2	26	31	45	33	28	42	44	55	24	13	17	14
3	30	30	35	31	27	43	68	51	24	13	17	19
4	31	29	32	29	27	40	67	49	23	12	16	17
5	29	28	30	28	43	38	59	47	22	13	15	16
6	34	28	28	28	48	36	54	46	22	12	15	16
7	44	27	26	27	43	38	52	46	20	12	14	15
8	42	28	26	26	79	37	51	44	20	12	13	14
9	39	33	25	27	127	33	48	43	19	12	13	14
10	37	28	25	25	117	41	46	41	19	12	13	13
11	35	29	26	24	189	43	46	39	19	11	13	13
12	33	43	27	24	137	40	44	36	19	11	12	14
13	31	37	28	29	104	38	44	35	19	11	12	14
14	31	39	26	30	89	36	43	33	18	11	12	13
15	31	48	26	26	75	37	41	32	17	11	12	14
16	30	43	28	24	67	34	40	31	17	11	12	13
17	29	40	30	27	60	32	40	30	17	11	11	12
18	29	36	32	25	56	31	41	29	17	11	11	11
19	33	33	64	23	61	29	40	28	17	11	11	11
20	33	32	60	39	72	27	39	27	17	10	11	17
21	31	31	70	44	102	27	38	26	16	9.9	11	24
22	30	34	139	39	88	27	41	26	16	9.9	10	23
23	31	32	104	38	73	26	44	25	16	9.6	10	32
24	33	31	81	33	69	26	46	27	15	9.7	10	31
25	47	28	67	31	60	26	59	31	15	10	9.9	28
26	45	28	56	29	55	27	63	31	14	9.8	11	53
27	42	26	50	28	50	27	60	29	14	14	11	58
28	39	26	48	27	47	30	56	27	14	18	11	50
29	36	25	46	26	45	32	55	26	13	20	11	49
30	35	24	45	25	---	30	53	25	13	22	10	53
31	34	---	40	25	---	28	---	24	---	20	10	---
TOTAL	1056	959	1392	906	2063	1043	1450	1091	539	385.9	382.9	680.7
MEAN	34.1	32.0	44.9	29.2	71.1	33.6	48.3	35.2	18.0	12.4	12.4	22.7
MAX	47	48	139	44	189	43	68	55	24	22	18	58
MIN	26	24	25	23	25	26	28	24	13	9.6	9.9	9.7
AC-FT	2090	1900	2760	1800	4090	2070	2880	2160	1070	765	759	1350
CFSM	7.13	6.69	9.39	6.11	14.9	7.04	10.1	7.36	3.76	2.60	2.58	4.75
IN.	8.22	7.46	10.83	7.05	16.06	8.12	11.28	8.49	4.19	3.00	2.98	5.30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2003 - 2004, BY WATER YEAR (WY)#

	2003	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004
MEAN	34.1	32.0	44.9	29.2	71.1	33.6	48.3	35.2	18.0	15.0	18.8	26.1
MAX	34.1	32.0	44.9	29.2	71.1	33.6	48.3	35.2	18.0	17.5	25.3	29.4
(WY)	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2003	2003
MIN	34.1	32.0	44.9	29.2	71.1	33.6	48.3	35.2	18.0	12.4	12.4	22.7
(WY)	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004	2004

SUMMARY STATISTICS

FOR 2004 WATER YEAR

WATER YEARS 2003 - 2004#

ANNUAL TOTAL	11948.5		
ANNUAL MEAN	32.6	32.6	
HIGHEST ANNUAL MEAN		32.6	2004
LOWEST ANNUAL MEAN		32.6	2004
HIGHEST DAILY MEAN	189	Feb 11	189
LOWEST DAILY MEAN	9.6	Jul 23	9.6
ANNUAL SEVEN-DAY MINIMUM	9.8	Jul 20	9.8
MAXIMUM PEAK FLOW	a214	Feb 11	a214
MAXIMUM PEAK STAGE	15.14	Feb 11	15.14
INSTANTANEOUS LOW FLOW	b9.1	Jul 22	b9.1
ANNUAL RUNOFF (AC-FT)	23700		23650
ANNUAL RUNOFF (CFSM)	6.83		6.83
ANNUAL RUNOFF (INCHES)	92.99		92.80
10 PERCENT EXCEEDS	55		55
50 PERCENT EXCEEDS	29		29
90 PERCENT EXCEEDS	12		12

See Period of record; partial years were used in monthly summary statistics

a From rating curve extended above 58 ft³/s

b Jul. 22-27, Aug. 26, and Sep. 1