

SOUTHEAST ALASKA

15081497 STANEY CREEK NEAR KLAWOCK

LOCATION.--Lat 55°48'05", long 133°06'31", in SW¹/₄ NW¹/₄ sec. 14, T. 70 S., R. 80 E. (Craig D-4 quad), Hydrologic Unit 19010103, on Prince of Wales Island, in Tongass National Forest, on right bank, approximately 2.9 mi upstream from mouth, and 17 mi north of Klawock.

DRAINAGE AREA.--50.6 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--September 1989 to current year. Equivalent daily discharge record collected at station No. 15081500 near Craig during water years 1964-81. Drainage area, 51.6 mi².

GAGE.--Water-stage recorder. Elevation of gage is 47 ft above sea level, by barometer.

REMARKS.--Records fair, except for discharges above 6,000 ft³/s, and estimated daily discharges, which are poor.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Oct 26	0545	11300	15.18	Sep 21	0600	11200	15.16
Nov 30	2245	7370	13.85	Sep 24	0200	*11600	15.26
Dec 19	0345	8050	14.11				

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	91	110	3050	e170	e30	55	216	121	322	15	29	45
2	74	90	1400	e120	e25	51	363	100	293	16	145	35
3	64	75	370	e90	e30	84	366	163	127	16	222	403
4	58	63	212	e70	e50	147	380	128	67	16	129	644
5	69	56	216	e56	e100	235	204	95	48	18	232	168
6	234	53	175	e45	e200	274	163	65	39	257	236	144
7	312	49	133	e50	489	2380	294	55	33	214	114	237
8	193	49	102	e80	1090	2210	244	48	30	91	77	193
9	133	e54	93	e600	1370	669	161	46	27	52	50	106
10	193	175	113	e650	688	457	230	52	24	37	38	71
11	186	294	100	473	284	645	304	52	23	37	32	50
12	117	5010	e120	553	202	313	245	46	23	37	28	42
13	144	3730	181	1450	208	192	173	45	24	31	25	566
14	379	612	112	1780	224	170	149	45	25	26	23	350
15	191	332	1400	616	136	620	118	41	22	23	22	253
16	131	257	1810	339	106	1080	82	38	21	24	21	145
17	255	234	1390	979	163	376	65	35	20	46	21	85
18	373	223	1980	1490	704	202	63	35	19	37	22	68
19	370	151	5070	510	568	139	56	37	18	30	27	52
20	340	107	957	685	1060	117	52	36	17	31	40	186
21	217	135	755	749	626	106	52	35	16	64	34	4440
22	294	e180	2950	586	296	144	75	33	16	45	27	1120
23	719	367	2050	475	195	179	188	28	15	32	23	3770
24	297	647	458	252	185	201	876	30	15	27	21	3910
25	3460	807	336	e130	133	185	971	49	15	28	19	552
26	4450	360	220	e80	105	151	1160	50	15	30	22	231
27	742	239	154	e50	83	148	294	51	16	31	119	233
28	1260	165	114	e48	68	620	168	42	16	52	140	208
29	330	272	133	e46	62	1640	120	38	15	92	65	131
30	187	2450	173	e45	---	850	108	89	15	49	55	97
31	137	---	e271	e36	---	297	---	189	---	34	70	---
TOTAL	16000	17346	26598	13303	9480	14937	7940	1917	1376	1538	2128	18535
MEAN	516	578	858	429	327	482	265	61.8	45.9	49.6	68.6	618
MAX	4450	5010	5070	1780	1370	2380	1160	189	322	257	236	4440
MIN	58	49	93	36	25	51	52	28	15	15	19	35
AC-FT	31740	34410	52760	26390	18800	29630	15750	3800	2730	3050	4220	36760
CFSM	10.2	11.4	17.0	8.48	6.46	9.52	5.23	1.22	0.91	0.98	1.36	12.2
IN.	11.76	12.75	19.55	9.78	6.97	10.98	5.84	1.41	1.01	1.13	1.56	13.63

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2004, BY WATER YEAR (WY)#

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
MEAN	649	558	610	461	381	347	294	220	116	91.1	189	500			
MAX	1123	996	1270	782	983	565	559	558	252	200	469	898			
(WY)	2000	1992	1992	1992	1991	1994	1997	1999	1999	1997	2002	2003			
MIN	403	201	267	240	152	104	144	61.8	26.5	22.1	26.6	166			
(WY)	2003	1997	1997	1998	1994	2002	2003	2004	1993	1993	1993	1995			

See period of Record; partial years used in monthly summary of statistics
e Estimated

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SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1990 - 2004#	
ANNUAL TOTAL	138776		131098			
ANNUAL MEAN	380		358		368	
HIGHEST ANNUAL MEAN					506 1992	
LOWEST ANNUAL MEAN					283 1995	
HIGHEST DAILY MEAN	5070	Dec 19	5070	Dec 19	14900	Oct 26 1993
LOWEST DAILY MEAN	a17	Aug 11	b15	Jun 23	4.4	Jul 21 1993
ANNUAL SEVEN-DAY MINIMUM	18	Aug 8	15	Jun 23	6.0	Jul 15 1993
MAXIMUM PEAK FLOW			11600	Sep 24	c19800	Oct 26 1993
MAXIMUM PEAK STAGE			15.26	Sep 24	17.20	Oct 26 1993
INSTANTANEOUS LOW FLOW			d14	Jun 24	4.0	Jul 21 1993
ANNUAL RUNOFF (AC-FT)	275300		260000		266600	
ANNUAL RUNOFF (CFSM)	7.51		7.08		7.27	
ANNUAL RUNOFF (INCHES)	102.03		96.38		98.80	
10 PERCENT EXCEEDS	897		771		879	
50 PERCENT EXCEEDS	145		130		168	
90 PERCENT EXCEEDS	32		25		37	

See Period of Record;partial years used in monthly statistics
a Aug. 11-13
b Jun. 23-26, 29-30, and Jul. 1
c From rating curve extended above 3300 ft³/sec
d Jun. 24-26