

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)
Nov. 03	1830	11900	15.35	Dec. 02	1800	*16900	*16.60
Nov. 21	0100	7170	13.77	Feb. 01	1500	10500	14.95

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	75	1600	702	e60	4140	341	382	42	22	43	157	26
2	62	1030	6150	e50	972	439	319	45	20	36	89	26
3	53	5880	1660	e45	454	507	487	58	19	218	78	27
4	139	1720	425	e40	298	679	385	58	18	294	178	15
5	1540	470	217	e37	191	354	379	43	17	262	205	10
6	1420	256	151	e35	130	230	554	35	16	495	327	43
7	1090	182	106	e30	121	459	265	31	16	1060	190	68
8	959	142	94	e27	212	1030	231	27	15	293	105	37
9	357	114	139	e23	442	604	233	25	15	171	74	16
10	308	93	230	e20	1180	1100	391	23	15	636	53	10
11	266	79	248	e18	384	833	413	21	17	301	43	8
12	375	74	360	e18	231	343	277	22	17	133	38	7
13	1720	639	306	e19	154	189	192	24	17	75	34	11
14	357	1450	668	e20	127	131	152	29	19	209	32	10
15	248	755	487	e30	102	109	156	159	23	800	31	8
16	202	755	1610	e60	113	100	227	173	24	258	30	6
17	142	485	552	e400	131	84	165	126	20	133	29	9
18	108	246	1610	e250	146	69	125	67	17	264	31	326
19	82	194	2390	e230	125	e55	902	49	15	214	598	178
20	67	1110	792	e250	102	e52	389	45	15	174	204	50
21	112	2070	437	528	88	e54	241	60	14	139	189	28
22	828	314	243	887	85	67	170	57	14	142	1080	16
23	364	337	873	540	164	65	125	111	14	91	520	28
24	848	1360	1410	474	248	56	115	148	19	66	163	40
25	569	691	422	244	342	51	103	75	37	51	388	64
26	220	900	197	399	324	56	76	47	26	49	734	20
27	412	376	136	424	325	108	65	35	20	123	365	18
28	986	360	679	939	408	141	54	30	18	153	217	192
29	2420	345	278	658	---	111	40	28	21	105	128	175
30	709	417	133	1470	---	178	34	28	71	116	187	96
31	520	---	e80	1380	---	1360	---	25	---	213	341	--
TOTAL	17558	24444	23785	9605	11739	9955	7647	1746	611	7317	6838	1580
MEAN	566	815	767	310	419	321	255	56.3	20.4	236	221	52
MAX	2420	5880	6150	1470	4140	1360	902	173	71	1060	1080	326
MIN	53	74	80	18	85	51	34	21	14	36	29	6
AC-FT	34830	48480	47180	19050	23280	19750	15170	3460	1210	14510	13560	3134
CFSM	11.2	16.1	15.2	6.12	8.29	6.35	5.04	1.11	0.40	4.66	4.36	10.
IN.	12.91	17.97	17.49	7.06	8.63	7.32	5.62	1.28	0.45	5.38	5.03	11.6

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1990 - 2005, BY WATER YEAR (WY)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
MEAN	644	574	619	452	384	345	292	209	110	100	191	50				
MAX	1123	996	1270	782	983	565	559	558	252	236	469	89				
(WY)	2000	1992	1992	1992	1991	1994	1997	1999	1999	2005	2002	200				
MIN	403	201	267	240	152	104	144	56.3	20.4	22.1	26.6	16				
(WY)	2003	1997	1997	1998	1994	2002	2003	2005	2005	1993	1993	199				

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

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1990 - 2005#	
ANNUAL TOTAL	136941		137046			
ANNUAL MEAN	374		375		368	
HIGHEST ANNUAL MEAN					506	
LOWEST ANNUAL MEAN					283	
HIGHEST DAILY MEAN					14900	
LOWEST DAILY MEAN	6150	Dec 2	6150	Dec 2	4.4	Oct 26 1993
ANNUAL SEVEN-DAY MINIMUM	a15	Jun 23	b14	Jun 21	6.0	Jul 15 1993
MAXIMUM PEAK FLOW	15	Jun 23	15	Jun 18	c19800	Oct 26 1993
MAXIMUM PEAK STAGE			16.60	Dec 2	17.20	Oct 26 1993
INSTANTANEOUS LOW FLOW			d13	Jun 22	4.0	Jul 21 1993
ANNUAL RUNOFF (AC-FT)	271600		271800		266900	
ANNUAL RUNOFF (CFSM)	7.39		7.42		7.28	
ANNUAL RUNOFF (INCHES)	100.68		100.75		98.93	
10 PERCENT EXCEEDS	973		947		881	
50 PERCENT EXCEEDS	140		171		168	
90 PERCENT EXCEEDS	25		24		35	

- # See Period of Record; partial years used in monthly statistics
- a June 23-26, 29-30, and July 1
- b June 21-23
- c From rating curve extended above 3300 ft³/sec
- d June 22-23