

SOUTHEAST ALASKA

15081614 HALFMILE CREEK ABOVE DIVERSION NEAR KLAWOCK

LOCATION.--Lat 55°33'26", long 133°01'01", in NW¹/₄ SW¹/₄ NW¹/₄ sec. 7, T. 73 S., R. 82 E. (Craig C-3 quad), Hydrologic Unit 19010103, on Prince of Wales Island, approximately 1.1 mi upstream from the mouth at Klawock Lake, and 2.9 mi east of the city of Klawock.

DRAINAGE AREA.--4.73 mi²

PERIOD OF RECORD.--December 2000 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 400 ft above sea level, from topographic map.

REMARKS.--Records fair, except for estimated discharges and those above 180 ft³/s, which are poor.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.1	8.1	168	7.2	3.8	4.2	16	8.8	37	1.8	13	7.4
2	8.2	6.7	147	e5.3	3.3	3.9	43	10	26	2.3	68	11
3	7.4	5.8	29	e4.3	3.2	6.1	42	22	14	3.3	35	135
4	7.4	5.0	15	e3.7	3.4	12	32	12	9.1	2.8	16	90
5	19	4.5	14	e3.3	72	17	15	9.2	7.3	56	22	22
6	28	4.1	11	e3.0	65	52	11	7.2	5.8	174	20	17
7	33	4.0	8.0	5.4	66	159	37	6.2	5.0	55	19	13
8	22	3.7	6.4	37	134	195	22	5.5	4.3	20	14	9.3
9	30	16	5.4	135	143	53	13	6.3	3.8	e11.8	9.1	7.9
10	47	30	6.1	126	71	34	30	7.8	3.4	e9.0	6.3	6.7
11	20	60	12	38	22	81	36	6.9	3.2	e7.5	4.9	6.0
12	12	329	27	48	14	34	20	6.3	3.7	e6.2	4.1	10
13	19	297	13	130	14	15	14	6.0	4.2	e5.8	3.5	70
14	41	48	8.0	194	16	15	11	5.9	3.9	4.6	3.1	31
15	15	26	227	66	10	32	8.5	5.6	3.4	3.6	2.7	32
16	19	16	170	26	8.4	101	6.5	5.1	3.1	6.4	2.4	13
17	36	17	104	97	27	29	6.2	4.9	2.7	11	2.4	8.5
18	28	14	203	145	92	14	8.5	4.9	2.4	7.1	2.4	10
19	31	9.1	346	57	44	9.2	6.9	5.1	2.1	5.2	4.7	7.1
20	22	8.0	83	59	78	8.1	5.9	5.2	1.8	4.9	8.3	62
21	20	10	141	67	52	9.1	5.4	5.1	1.6	19	5.4	250
22	57	39	393	101	22	33	19	4.7	1.5	11	4.2	72
23	57	25	171	74	14	25	31	4.3	1.4	6.2	3.3	218
24	76	87	39	22	11	24	113	7.0	1.3	8.5	2.8	170
25	404	56	27	e11	8.6	20	100	12	1.3	68	2.4	28
26	306	23	15	e6.8	7.0	15	83	62	1.5	40	5.6	12
27	131	14	10	e4.8	5.8	14	20	27	2.0	17	32	21
28	137	11	12	e3.6	5.1	87	11	13	1.9	25	26	16
29	27	15	15	e3.0	4.7	173	8.7	15	1.8	37	14	11
30	13	154	11	6.7	---	70	8.9	30	1.7	22	17	8.3
31	9.6	---	13	4.4	---	21	---	41	---	12	12	---
TOTAL	1691.7	1346.0	2449.9	1494.5	1020.3	1365.6	784.5	372.0	162.2	664.0	385.6	1375.2
MEAN	54.6	44.9	79.0	48.2	35.2	44.1	26.1	12.0	5.41	21.4	12.4	45.8
MAX	404	329	393	194	143	195	113	62	37	174	68	250
MIN	7.4	3.7	5.4	3.0	3.2	3.9	5.4	4.3	1.3	1.8	2.4	6.0
MED	27	15	15	26	14	24	15	6.9	3.1	9.0	6.3	15
AC-FT	3360	2670	4860	2960	2020	2710	1560	738	322	1320	765	2730
CFSM	11.5	9.49	16.7	10.2	7.44	9.31	5.53	2.54	1.14	4.53	2.63	9.69
IN.	13.30	10.59	19.27	11.75	8.02	10.74	6.17	2.93	1.28	5.22	3.03	10.82

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2004, BY WATER YEAR (WY)#

	2001	2002	2003	2004
MEAN	50.0	40.4	59.8	49.3
MAX	56.3	44.9	79.0	59.4
(WY)	2002	2004	2004	2001
MIN	39.2	37.3	46.8	36.2
(WY)	2003	2002	2002	2002

SUMMARY STATISTICS

	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 2001 - 2004#
ANNUAL TOTAL	13396.4	13111.5	
ANNUAL MEAN	36.7	35.8	35.2
HIGHEST ANNUAL MEAN			37.1
LOWEST ANNUAL MEAN			32.8
HIGHEST DAILY MEAN	404	Oct 25	404
LOWEST DAILY MEAN	2.0	Mar 12	a1.3
ANNUAL SEVEN-DAY MINIMUM	2.5	May 5	1.5
MAXIMUM PEAK FLOW			745
MAXIMUM PEAK STAGE			10.40
INSTANTANEOUS LOW FLOW			b1.2
ANNUAL RUNOFF (AC-FT)	26570	26010	25520
ANNUAL RUNOFF (CFSM)	7.76	7.57	7.45
ANNUAL RUNOFF (INCHES)	105.36	103.12	101.18
10 PERCENT EXCEEDS	106	98	89
50 PERCENT EXCEEDS	15	13	16

See Period of Record, partial years used in monthly statistics

a June 24 and 25.

b June 23-26.

e Estimated