

# SOUTHEAST ALASKA

## 15081614 HALFMILE CREEK ABOVE DIVERSION NEAR KLAWOCK

LOCATION.--Lat 55°33'26", long 133°01'01", in NW<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> NW<sup>1</sup>/<sub>4</sub> 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 mi<sup>2</sup>

### WATER-DISCHARGE RECORDS

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 ft<sup>3</sup>/s, which are poor.

#### 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	6.5	123	100	e4.0	211	38	33	5.8	2.6	13	28	38
2	5.3	76	284	e4.0	75	69	33	6.0	2.3	23	11	24
3	4.6	225	120	e4.0	40	76	37	6.9	2.0	47	9.4	19
4	52	127	36	e5.0	26	75	31	7.4	1.9	53	34	13
5	188	37	16	e5.0	15	35	56	6.5	1.8	47	37	9.6
6	140	18	11	e4.0	e14	22	62	5.7	1.6	39	97	50
7	101	12	e9.0	e4.0	13	37	29	5.0	1.5	29	45	129
8	129	8.9	e8.0	e4.0	29	78	21	4.5	1.4	15	14	70
9	33	7.3	19	e4.0	70	33	26	4.1	1.3	9.4	8.8	23
10	52	6.4	16	e3.0	88	104	43	3.8	3.0	72	6.4	12
11	26	5.7	23	e3.0	38	82	49	3.5	6.0	24	5.2	11
12	68	16	25	e2.0	20	30	33	3.4	4.8	11	4.3	9.2
13	179	113	33	e2.0	13	16	21	4.0	4.8	8.3	3.8	45
14	60	128	79	e3.0	13	11	16	26	4.6	46	3.4	20
15	48	82	66	e4.0	9.1	9.2	31	40	7.5	68	3.5	13
16	23	66	139	e5.0	11	7.9	33	18	7.1	20	3.3	9.7
17	12	32	34	e90	12	6.8	20	18	4.7	23	3.0	43
18	8.1	14	131	e70	14	5.9	14	9.0	3.4	65	5.9	220
19	6.3	16	126	72	10	4.4	73	7.8	3.0	28	136	85
20	5.3	145	101	24	8.3	e3.3	39	7.2	3.5	18	31	62
21	8.5	131	39	64	7.3	e3.0	27	7.2	2.7	11	45	31
22	49	23	27	85	7.2	10	18	5.9	2.3	8.6	74	21
23	20	41	74	55	15	7.7	15	6.7	3.6	7.6	28	92
24	81	90	109	62	35	6.5	15	9.0	6.8	6.2	13	123
25	34	61	35	23	35	6.1	13	6.5	5.0	5.2	62	83
26	12	54	14	26	47	6.6	12	5.0	4.0	8.5	57	22
27	47	62	11	37	44	19	11	4.0	3.2	53	35	55
28	74	46	45	91	51	18	9.0	3.5	3.3	35	20	135
29	170	38	15	55	---	16	7.1	3.3	7.5	14	14	219
30	68	89	e10	110	---	31	6.0	3.7	12	35	49	91
31	54	---	e7.0	119	---	121	---	3.0	---	52	42	---
TOTAL	1764.6	1893.3	1762.0	1043.0	970.9	988.4	833.1	250.4	119.2	894.8	929.0	1777.5
MEAN	56.9	63.1	56.8	33.6	34.7	31.9	27.8	8.08	3.97	28.9	30.0	59.2
MAX	188	225	284	119	211	121	73	40	12	72	136	220
MIN	4.6	5.7	7.0	2.0	7.2	3.0	6.0	3.0	1.3	5.2	3.0	9.2
MED	48	50	34	5.0	18	18	26	5.9	3.3	23	20	40
AC-FT	3500	3760	3490	2070	1930	1960	1650	497	236	1770	1840	3530
CFSM	12.0	13.3	12.0	7.11	7.33	6.74	5.87	1.71	0.84	6.10	6.34	12.5
IN.	13.88	14.89	13.86	8.20	7.64	7.77	6.55	1.97	0.94	7.04	7.31	13.98

#### STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2001 - 2005, BY WATER YEAR (WY)#

MEAN	51.8	46.1	59.1	46.2	30.8	32.4	25.7	27.8	22.4	22.5	29.5	60.9
MAX	56.9	63.1	79.0	59.4	40.6	44.1	36.5	59.9	69.3	32.4	61.2	82.0
(WY)	2005	2005	2004	2001	2002	2004	2001	2001	2001	2001	2002	2003
MIN	39.2	37.3	46.8	33.6	16.1	13.3	13.5	8.08	3.97	11.0	12.4	45.8
(WY)	2003	2002	2002	2005	2003	2002	2003	2005	2005	2003	2004	2004

# 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 2001 - 2005#	
ANNUAL TOTAL	13043.8		132227.2				
ANNUAL MEAN	35.6		36.3			35.5	
HIGHEST ANNUAL MEAN						37.1	
LOWEST ANNUAL MEAN						32.8	
HIGHEST DAILY MEAN						404	
LOWEST DAILY MEAN	284	Dec 2	284	Dec 2	404	Oct 25	2003
ANNUAL SEVEN-DAY MINIMUM	a1.3	Jun 24	1.3	Jun 9	b1.3	Jun 24	2004
MAXIMUM PEAK FLOW	1.5	Jun 20	1.6	Jun 3	1.5	Jun 20	2004
MAXIMUM PEAK STAGE			593	Dec 2	745	Oct 26	2003
INSTANTANEOUS LOW FLOW			10.06	Dec 2	10.40	Oct 26	2003
ANNUAL RUNOFF (AC-FT)	25870		c1.2	Jun 8	d1.2	Jun 23	2004
ANNUAL RUNOFF (CFSM)						25700	
ANNUAL RUNOFF (INCHES)	7.53		7.66			7.50	
10 PERCENT EXCEEDS	102.59		104.03			101.91	
50 PERCENT EXCEEDS	101		90			90	
90 PERCENT EXCEEDS	14		20			16	
	3.5		3.8			4.0	

# See Period of Record, partial years used in monthly statistics

a June 24-25

b June 24-25, 2004, June 9, 2005

c June 8-9

d June 23-26, 2004 and June 8-9, 2005