

# SOUTHEAST ALASKA

## 15085800 MAYBESO CREEK NEAR HOLLIS

LOCATION.--Lat 55°29'26", long 132°40'31", in SW<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub> sec. 32, T. 73 S., R. 84 E. (Craig B-3 quad), Hydrologic Unit 19010103, on Prince of Wales Island, on right bank, 800 ft downstream from unnamed tributary, 2,200 ft upstream from mouth, and 0.5 mi northwest of Hollis.

DRAINAGE AREA.--15.1 mi<sup>2</sup>

### WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--June 1949 to September 1963, October 2003 to current year.(discontinued).

GAGE.--Water-stage recorder. Elevation of gage is 35 ft above sea level, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR CURRENT PERIOD.--November 2003 through September 2004: Maximum discharge during period, 2830 ft<sup>3</sup>/s, September 24, gage height, 8.86 ft; minimum discharge, 8.6 ft<sup>3</sup>/s, August 24-26, gage height, 1.59 ft.

#### 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	---	45	739	48	e15	e25	e75	e50	113	12	15	25
2	---	37	487	35	e13	e23	e132	e43	70	13	162	21
3	---	33	141	e25	e15	e37	e133	e80	49	14	88	292
4	---	29	89	e22	e23	e60	e137	e75	38	12	44	223
5	---	26	108	e19	e43	e90	e79	61	38	49	35	63
6	---	23	83	e17	e78	e103	e65	47	33	231	27	48
7	---	21	59	e25	e171	e683	e109	45	31	83	22	39
8	---	20	49	68	e344	e640	e93	41	30	51	30	33
9	---	65	42	341	e422	e225	e65	38	28	30	24	26
10	---	93	38	433	e230	e161	e88	47	24	22	20	23
11	---	175	49	171	e106	e218	e113	48	23	20	17	21
12	---	1220	69	307	e79	e116	e93	48	33	17	15	25
13	---	1200	56	603	e81	e75	e69	55	43	15	15	e300
14	---	220	40	783	e86	e68	e60	55	31	14	14	e130
15	---	215	612	252	e56	e210	e49	49	26	13	13	e100
16	---	119	516	128	e45	e341	e36	43	22	14	12	48
17	---	102	396	568	e65	e136	e29	42	20	16	13	33
18	---	81	531	682	e235	e79	e28	46	20	18	12	29
19	---	57	1210	227	e195	e57	e26	52	18	15	16	23
20	---	44	383	385	e337	e49	e24	58	17	19	28	163
21	---	36	433	394	e212	e45	e24	60	16	24	20	1010
22	---	55	1220	369	e110	e59	e33	47	15	17	16	347
23	---	70	773	e190	e76	e71	e74	37	14	14	13	838
24	---	63	267	e95	e73	e78	e285	52	14	12	13	984
25	---	219	196	e54	e55	e73	e312	72	13	20	12	171
26	---	96	104	e35	e45	e61	e364	75	13	18	12	90
27	---	63	73	e23	e36	e60	e110	55	14	16	57	160
28	---	47	55	e22	e30	e210	e67	46	13	19	81	90
29	---	53	48	e22	e28	e493	e50	53	12	28	60	66
30	e90	551	49	e21	---	e277	e46	106	12	18	56	57
31	e60	---	52	e17	---	e111	---	117	---	15	41	---
TOTAL	---	5078	8967	6381	3304	4934	2868	1743	843	879	1003	5478
MEAN	---	169	289	206	114	159	95.6	56.2	28.1	28.4	32.4	183
MAX	---	1220	1220	783	422	683	364	117	113	231	162	1010
MIN	---	20	38	17	13	23	24	37	12	12	12	21
AC-FT	---	10070	17790	12660	6550	9790	5690	3460	1670	1740	1990	10870
CFSM	---	11.2	19.2	13.6	7.55	10.5	6.33	3.72	1.86	1.88	2.14	12.1
IN.	---	12.51	22.09	15.72	8.14	12.16	7.07	4.29	2.08	2.17	2.47	13.50

#### STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2004, BY WATER YEAR (WY)#

	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	2004
MEAN	247	193	199	123	109	90.0	130	162	125	66.9	68.5	127
MAX	412	282	344	269	307	213	182	309	204	111	139	195
(WY)	1962	1960	1963	1963	1954	1959	1960	1956	1950	1952	1956	1952
MIN	90.9	108	40.0	12.0	10.0	30.0	85.8	49.2	28.1	18.6	19.4	49.7
(WY)	1958	1956	1956	1950	1950	1950	1950	1961	2004	1958	1954	1951

# See Period of Record; partial year was used in monthly statistics and break in record  
e Estimated

# SOUTHEAST ALASKA

## 15085800 MAYBESO CREEK NEAR HOLLIS—Continued

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	45	614	335	36	935	195	92	e39	e20	22	68	153
2	39	337	1820	33	352	356	135	e42	e19	31	39	96
3	35	1350	539	32	186	422	170	e49	e18	211	75	77
4	142	612	191	30	154	363	128	e49	e17	126	163	59
5	630	223	117	28	105	173	242	e40	e16	211	103	49
6	635	137	89	27	75	127	222	e35	e15	226	141	245
7	357	102	72	24	65	195	101	e37	e14	230	91	397
8	608	86	63	21	93	610	80	e41	e14	80	51	207
9	209	72	118	e17	239	227	105	e46	e13	51	39	91
10	267	63	121	e15	383	496	169	e51	e14	137	32	61
11	134	57	117	e15	151	284	152	e49	e16	73	28	51
12	403	65	118	e13	96	120	88	e30	e16	44	25	45
13	652	551	111	e12	73	77	65	e27	e16	35	22	58
14	201	682	250	e11	60	59	55	e31	e18	265	20	46
15	120	320	263	e14	52	49	95	e102	e19	260	19	40
16	92	232	712	18	52	42	e132	e109	e20	87	18	37
17	70	143	212	224	53	35	e105	e86	e15	57	16	59
18	58	92	663	234	51	30	e86	e55	e13	65	19	378
19	49	100	640	351	47	25	e355	e44	e11	51	290	414
20	44	537	342	118	40	22	e194	e41	10	40	119	291
21	60	565	178	342	37	22	e138	e51	9.1	41	159	136
22	201	136	168	497	37	24	e107	e49	8.7	37	274	80
23	78	151	402	292	45	23	e86	e79	12	48	114	128
24	318	355	497	185	75	21	e81	e97	29	37	62	147
25	155	306	165	99	111	21	e75	e60	21	29	156	206
26	78	256	90	175	159	37	e60	e43	15	31	168	77
27	207	209	68	268	120	94	e54	e35	12	106	174	179
28	354	175	138	449	169	51	e47	e29	13	74	132	734
29	667	221	84	242	---	41	e38	e27	19	47	76	367
30	255	228	54	528	---	51	e34	e26	34	66	172	300
31	221	---	e40	488	---	375	---	e23	---	110	171	---
TOTAL	7384	8977	8777	4838	4015	4667	3491	1522	486.8	2928	3036	5208
MEAN	238	299	283	156	143	151	116	49.1	16.2	94.5	97.9	174
MAX	667	1350	1820	528	935	610	355	109	34	265	290	734
MIN	35	57	40	11	37	21	34	23	8.7	22	16	37
AC-FT	14650	17810	17410	9600	7960	9260	6920	3020	966	5810	6020	10330
CFSM	15.8	19.8	18.8	10.3	9.50	9.97	7.71	3.25	1.07	6.26	6.49	11.5
IN.	18.19	22.12	21.62	11.92	9.89	11.50	8.60	3.75	1.20	7.21	7.48	12.83

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1949 - 2005, BY WATER YEAR (WY)#

	MEAN	247	199	204	125	112	93.8	129	155	119	68.6	70.2	129
MAX	412	299	344	269	307	213	182	309	204	111	139	195	195
(WY)	1962	2005	1963	1963	1954	1959	1960	1956	1950	1952	1956	1952	1952
MIN	90.9	108	40.0	12.0	10.0	30.0	85.8	49.1	16.2	18.6	19.4	49.7	49.7
(WY)	1958	1956	1956	1950	1950	1950	1950	2005	2005	1958	1954	1951	1951

SUMMARY STATISTICS FOR 2004 CALENDAR YEAR FOR 2005 WATER YEAR WATER YEARS 1949 - 2005#

ANNUAL TOTAL	52571	55329.8	
ANNUAL MEAN	144	152	137
HIGHEST ANNUAL MEAN			157
LOWEST ANNUAL MEAN			112
HIGHEST DAILY MEAN	1820	Dec 2	3000
LOWEST DAILY MEAN	12	Jun 29	6.0
ANNUAL SEVEN-DAY MINIMUM	13	Jun 28	9.5
MAXIMUM PEAK FLOW			11
MAXIMUM PEAK STAGE			8.6
INSTANTANEOUS LOW FLOW			11.05
ANNUAL RUNOFF (AC-FT)	104300	109700	99560
ANNUAL RUNOFF (CFSM)	9.51	10.0	9.10
ANNUAL RUNOFF (INCHES)	129.51	136.31	123.66
10 PERCENT EXCEEDS	359	359	303
50 PERCENT EXCEEDS	63	84	85
90 PERCENT EXCEEDS	16	19	24

# See Period of Record; partial year was used in monthly statistics and break in record  
a From rating curve extended above 200 ft<sup>3</sup>/s on basis of runoff comparisons with nearby stations  
e Estimated