

# SOUTHEAST ALASKA

## 15087618 STARRIGAVIN CREEK AT UPPER BRIDGE NEAR SITKA

LOCATION.--Lat 57°07'31", long 135°19'54", in SW<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> NE<sup>1</sup>/<sub>4</sub> sec. 1, T. 55 S., R. 63 E. (Sitka A-4 quad), Hydrologic Unit 19010203, on Baranof Island, in Tongass National Forest, on right bank 2.3 mi upstream from mouth, and 4.3 mi north of Sitka.

DRAINAGE AREA.--4.29 mi<sup>2</sup>.

### WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 2003 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 100 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharge. Records fair. GOES satellite telemetry at station.

#### 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	43	79	204	12	165	44	10	12	4.4	11	13	65
2	35	65	432	12	72	35	10	11	4.4	29	11	34
3	26	311	146	11	35	27	9.7	11	3.9	28	10	23
4	38	84	50	11	22	34	11	10	3.6	20	16	17
5	70	43	30	15	15	25	12	9.7	3.7	13	50	16
6	47	30	22	12	12	19	13	9.7	3.2	9.5	40	85
7	59	24	17	9.8	22	24	11	9.6	3.1	9.3	25	267
8	34	20	14	8.5	181	38	11	9.7	2.9	7.3	17	84
9	25	18	30	7.5	67	36	13	9.6	2.7	6.3	13	40
10	30	15	21	7.3	79	130	16	9.8	3.1	6.5	11	25
11	22	14	155	5.8	41	75	14	9.5	4.0	5.8	9.4	21
12	107	14	92	4.8	23	44	14	9.8	3.3	5.5	8.1	24
13	109	21	49	5.3	16	30	11	11	2.7	7.4	7.5	78
14	38	64	67	5.1	14	22	9.8	12	8.0	7.2	7.0	42
15	28	119	41	4.9	13	17	8.9	9.8	6.5	10	6.9	24
16	23	82	162	9.6	48	14	8.5	7.8	4.1	7.8	6.4	17
17	19	52	168	38	32	12	9.6	7.0	3.3	77	6.0	51
18	16	39	169	97	18	9.7	12	6.8	3.0	110	31	181
19	14	156	113	178	13	8.0	182	6.7	3.1	40	23	285
20	13	561	58	81	11	7.4	69	6.3	4.0	22	19	124
21	20	157	35	49	10	7.0	74	6.3	5.9	16	18	54
22	26	55	87	55	13	6.9	41	5.8	5.2	14	152	38
23	16	42	371	40	27	6.3	35	5.6	4.9	13	49	108
24	38	137	370	29	23	5.9	36	5.6	5.2	10	27	362
25	25	102	67	22	17	5.5	34	5.4	4.3	9.2	221	108
26	17	86	37	36	14	5.5	30	5.2	3.6	24	81	52
27	85	66	43	50	16	8.0	28	6.3	3.2	70	39	38
28	154	96	64	51	43	7.4	26	5.5	3.3	37	21	162
29	195	59	27	51	---	7.7	20	4.7	4.1	22	18	237
30	69	100	17	84	---	8.6	15	5.0	3.7	16	140	153
31	44	---	14	86	---	15	---	4.5	---	15	149	---
TOTAL	1485	2711	3172	1088.6	1062	734.9	794.5	248.7	120.4	678.8	1245.3	2815
MEAN	47.9	90.4	102	35.1	37.9	23.7	26.5	8.02	4.01	21.9	40.2	93.8
MAX	195	561	432	178	181	130	182	12	8.0	110	221	362
MIN	13	14	14	4.8	10	5.5	8.5	4.5	2.7	5.5	6.0	16
AC-FT	2950	5380	6290	2160	2110	1460	1580	493	239	1350	2470	5580
CFSM	11.2	21.1	23.9	8.19	8.84	5.53	6.17	1.87	0.94	5.10	9.36	21.9
IN.	12.88	23.51	27.51	9.44	9.21	6.37	6.89	2.16	1.04	5.89	10.80	24.41

#### STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2004 - 2005, BY WATER YEAR (WY)

	2004	2005	2004	2005	2004	2005	2004	2005	2004	2005	2004	2005
MEAN	47.9	68.5	70.5	36.9	44.6	27.5	32.2	19.5	7.26	16.8	23.9	76.8
MAX	47.9	90.4	102	38.7	51.1	31.3	37.9	31.0	10.5	21.9	40.2	93.8
(WY)	2005	2005	2005	2004	2004	2004	2004	2004	2004	2005	2005	2005
MIN	47.9	46.6	38.7	35.1	37.9	23.7	26.5	8.02	4.01	11.7	7.55	59.7
(WY)	2005	2004	2004	2005	2005	2005	2005	2005	2005	2004	2004	2004

#### SUMMARY STATISTICS

	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 2004 - 2005	
ANNUAL TOTAL	15821.1		16156.2			
ANNUAL MEAN	43.2		44.3			
HIGHEST ANNUAL MEAN					44.3	2005
LOWEST ANNUAL MEAN					44.3	2005
HIGHEST DAILY MEAN	561	Nov 20	561	Nov 20	561	Nov 20 2004
LOWEST DAILY MEAN	2.5	Jul 19	a2.7	Jun 9	2.5	Jul 19 2004
ANNUAL SEVEN-DAY MINIMUM	2.6	Jul 17	3.1	Jun 7	2.6	Jul 17 2004
MAXIMUM PEAK FLOW			b1330	Nov 20	1330	Nov 20 2004
MAXIMUM PEAK STAGE			14.91	Nov 20	14.91	Nov 20 2004
INSTANTANEOUS LOW FLOW			c2.5	Jun 13	d2.4	Jul 19 2004
ANNUAL RUNOFF (AC-FT)	31380		32050		32070	
ANNUAL RUNOFF (CFSM)	10.1		10.3		10.3	
ANNUAL RUNOFF (INCHES)	137.19		140.10		140.19	
10 PERCENT EXCEEDS	101		109		109	
50 PERCENT EXCEEDS	22		20		20	
90 PERCENT EXCEEDS	4.5		5.5		5.5	

- a June 09 and 13, 2005
- b Nov. 20, and Dec. 02
- c June 13-14
- d July 19-20, 2004