

SOUTHWEST ALASKA

15303700 TATALINA RIVER NEAR TAKOTNA

LOCATION.--Lat 62°53'06", long 155°56'22", in NW¹/₄ NE¹/₄ sec. 12, T.32 N., R.36 W.(McGrath D-6 quad), Hydrologic Unit 19030405, at downstream side of bridge on right bank, 1.2 mi southeast of Tatalina Airstrip, and 8.1 mi southeast of Takotna.

DRAINAGE AREA.--76.9 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1987 to current year (no winter record), except May only in 1989, and annual maximum in water year 1991.

GAGE.--Water-stage recorder, non-recording gage, and crest-stage gage. Elevation of gage is 450 ft above sea level, from topographic map. Prior to May 9, 1990 at site 20 ft downstream at same datum.

REMARKS.--Records fair, except for estimated daily discharges, which are poor. Precipitation gage and air temperature recorder at station. GOES satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,170 ft³/s, July 8, 1998, gage-height 10.97 ft; maximum gage height 11.46 ft, 1996, date and time unknown, backwater from ice, discharge not determined; minimum discharge not determined, occurs during winter.

EXTREMES FOR CURRENT PERIOD.-- October 2003, May 2004 to October 2004: maximum discharge during period, 540 ft³/s, May 28, gage height 7.54 ft. Minimum discharge not determined, occurs during winter.

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	86	---	---	---	---	---	---	409	237	70	42	36
2	123	---	---	---	---	---	---	323	206	70	42	38
3	124	---	---	---	---	---	---	239	185	68	40	34
4	94	---	---	---	---	---	---	196	161	73	49	e33
5	80	---	---	---	---	---	---	180	143	81	61	e37
6	74	---	---	---	---	---	---	168	126	71	48	e39
7	69	---	---	---	---	---	---	162	114	62	42	e38
8	66	---	---	---	---	---	---	148	140	57	40	e37
9	65	---	---	---	---	---	---	142	159	56	37	e35
10	e60	---	---	---	---	---	---	152	131	54	36	e33
11	e55	---	---	---	---	---	---	156	118	51	37	e32
12	e55	---	---	---	---	---	---	127	163	49	58	e32
13	e55	---	---	---	---	---	---	116	136	47	46	e33
14	e50	---	---	---	---	---	---	108	117	46	41	e35
15	e50	---	---	---	---	---	---	101	112	46	39	e32
16	e48	---	---	---	---	---	---	95	100	46	39	30
17	e46	---	---	---	---	---	---	89	97	49	38	29
18	e44	---	---	---	---	---	---	92	92	47	37	e28
19	e44	---	---	---	---	---	---	98	85	48	36	32
20	e42	---	---	---	---	---	---	87	80	49	35	42
21	e42	---	---	---	---	---	---	79	75	53	35	40
22	e40	---	---	---	---	---	---	77	70	58	35	64
23	e40	---	---	---	---	---	---	93	68	49	34	74
24	e38	---	---	---	---	---	---	125	79	46	33	53
25	e38	---	---	---	---	---	---	103	148	49	33	e42
26	e38	---	---	---	---	---	---	118	157	44	39	e38
27	e36	---	---	---	---	---	---	128	104	49	41	e36
28	e36	---	---	---	---	---	---	425	83	50	38	e44
29	e36	---	---	---	---	---	---	264	76	50	34	66
30	e36	---	---	---	---	---	---	230	73	44	33	105
31	e34	---	---	---	---	---	---	390	---	43	34	---
TOTAL	1744	---	---	---	---	---	---	5220	3635	1675	1232	1247
MEAN	56.3	---	---	---	---	---	---	168	121	54.0	39.7	41.6
MAX	124	---	---	---	---	---	---	425	237	81	61	105
MIN	34	---	---	---	---	---	---	77	68	43	33	28
AC-FT	3460	---	---	---	---	---	---	10350	7210	3320	2440	2470
CFSM	0.73	---	---	---	---	---	---	2.19	1.58	0.70	0.52	0.54
IN.	0.84	---	---	---	---	---	---	2.53	1.76	0.81	0.60	0.60

e Estimated