

SOUTH-CENTRAL ALASKA

15294700 JOHNSON RIVER ABOVE LATERAL GLACIER NEAR TUXEDNI BAY

LOCATION.--Lat 60°05'41", long 152°54'38", in SW¹/₄ NW¹/₄ NW¹/₄ sec. 16, T. 1 S., R. 21 W. (Kenai A-8 quad), Kenai Peninsula Borough, Hydrologic Unit 19020602, on the right bank about 20 mi upstream from mouth, 10 mi south of Tuxedni Bay, and 60 mi northeast of Iliamna.

DRAINAGE AREA.--24.8 mi².

PERIOD OF RECORD.--July 1995 to September 2004 (discontinued) (no winter record).

GAGE.--Water-stage recorder. Elevation of gage is 450 ft above sea level, from topographic map. July 1995 to June 1996, at site 300 ft downstream at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge 11,900 ft³/s, October 1, 2003, from rating curve extended above 3,500 ft³/s on the basis of slope-area measurement, gage height 17.49 ft., minimum not determined, occurs during the winter.

EXTREMES FOR CURRENT YEAR.--Maximum discharge for the period October 2003 and May through September 2004; 11,900 ft³/s, October 1, from rating curve extended above 3,500 ft³/s on the basis of slope-area measurement, gage height 17.49 ft. from high-water mark; minimum not determined, occurs during the winter.

REMARKS.--Records are fair except for estimated discharges, which are poor. Rain gage at station. GOES satellite telemetry at station.

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	e11000	---	---	---	---	---	---	24	369	761	600	537
2	e9000	---	---	---	---	---	---	25	381	671	701	781
3	e4000	---	---	---	---	---	---	27	377	638	606	704
4	e3000	---	---	---	---	---	---	e30	475	741	567	412
5	e2000	---	---	---	---	---	---	e35	535	801	538	317
6	e1500	---	---	---	---	---	---	e50	589	848	618	386
7	965	---	---	---	---	---	---	e70	636	914	698	395
8	546	---	---	---	---	---	---	e60	536	992	674	284
9	241	---	---	---	---	---	---	e50	476	902	606	193
10	180	---	---	---	---	---	---	e60	477	899	739	223
11	e150	---	---	---	---	---	---	e80	491	864	803	231
12	e120	---	---	---	---	---	---	e100	452	900	658	232
13	e100	---	---	---	---	---	---	e140	480	786	521	193
14	e130	---	---	---	---	---	---	e160	531	655	498	140
15	e250	---	---	---	---	---	---	180	518	604	598	116
16	e210	---	---	---	---	---	---	278	1200	549	758	105
17	e190	---	---	---	---	---	---	346	1770	682	833	94
18	e170	---	---	---	---	---	---	235	1620	1210	796	84
19	e150	---	---	---	---	---	---	211	1310	1120	755	111
20	121	---	---	---	---	---	---	283	1260	784	742	129
21	113	---	---	---	---	---	---	367	1090	589	628	105
22	106	---	---	---	---	---	---	449	997	686	582	151
23	98	---	---	---	---	---	---	842	910	768	574	121
24	97	---	---	---	---	---	---	713	810	576	586	85
25	99	---	---	---	---	---	---	554	878	539	610	76
26	191	---	---	---	---	---	---	455	1110	2210	643	90
27	152	---	---	---	---	---	---	429	1160	3010	595	69
28	115	---	---	---	---	---	---	435	977	1950	598	63
29	97	---	---	---	---	---	---	385	813	928	543	70
30	94	---	---	---	---	---	---	378	823	648	633	197
31	94	---	---	---	---	---	---	367	---	543	554	---
TOTAL	35279	---	---	---	---	---	---	7818	24051	28768	19855	6694
MEAN	1138	---	---	---	---	---	---	252	802	928	640	223
MAX	11000	---	---	---	---	---	---	842	1770	3010	833	781
MIN	94	---	---	---	---	---	---	24	369	539	498	63
AC-FT	69980	---	---	---	---	---	---	15510	47710	57060	39380	13280
CFSM	45.9	---	---	---	---	---	---	10.2	32.3	37.4	25.8	9.00
IN.	52.92	---	---	---	---	---	---	11.73	36.08	43.15	29.78	10.04

e Estimated