

SOUTHWEST ALASKA

15302200 KOKTULI RIVER NEAR ILIAMNA

LOCATION.--Lat 59°47'36", long 155°31'21", in NW¹/₄ NE¹/₄ NE¹/₄ sec. 31, T.4 S., R.36 W. (Iliamna D-7 quad), Hydrologic Unit 19030302, on left bank, 15 miles upstream from the mouth of North Fork Kaktuli River, and 21.5 miles northwest of Iliamna.

DRAINAGE AREA.-- 69.1 mi².

PERIOD OF RECORD.--August 2004 to current year.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 775 ft above sea level, from topographic map.

REMARKS.--Records good, except for estimated daily discharges which are poor. Rain gage at station, 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	608	e250	382	117	e86	e55	e44	432	401	146	95	200
2	450	226	300	e116	e83	e54	e43	506	364	148	88	185
3	358	e215	233	e115	e81	54	e42	526	338	155	85	200
4	410	e210	201	e114	e79	55	e42	618	324	140	84	333
5	356	206	e190	e113	e77	54	e41	752	310	130	89	346
6	303	199	e180	e112	e75	54	e40	907	295	124	82	690
7	270	197	e175	e111	e74	53	e40	984	291	116	78	510
8	250	194	e170	e110	e73	54	e39	891	286	111	74	422
9	277	187	e165	e109	e72	57	39	809	277	120	70	881
10	321	201	e160	e108	e71	57	38	798	257	131	67	833
11	278	198	e155	e107	e71	57	e38	825	242	121	65	694
12	275	224	153	e106	e70	58	e38	890	233	150	63	769
13	249	240	150	e105	e70	59	e38	924	219	147	61	666
14	249	293	148	e104	e69	58	39	893	210	128	60	572
15	238	335	139	e103	e69	60	e38	852	201	115	59	785
16	259	237	e137	103	e68	55	e38	772	192	131	59	807
17	234	192	e135	e103	e68	54	e37	692	187	142	66	685
18	220	195	e133	e103	e67	e53	e37	606	290	133	70	598
19	294	196	e131	e103	e67	53	e37	582	267	124	80	512
20	261	207	e129	e104	e66	53	37	567	242	118	70	455
21	246	210	e128	104	e66	e52	44	561	213	109	75	418
22	239	246	e127	105	65	e51	71	621	195	102	73	440
23	405	261	e126	105	63	e50	79	642	188	99	271	496
24	472	253	e125	105	61	e49	93	582	176	99	409	525
25	378	218	e124	105	60	48	99	559	166	99	297	476
26	511	208	e123	104	58	48	133	529	158	97	235	445
27	549	489	e122	e103	e57	46	201	542	151	95	203	413
28	486	548	e121	e101	e56	e46	256	538	151	93	248	406
29	413	462	e120	e99	---	e45	351	531	145	92	270	380
30	325	381	e119	97	---	e45	365	483	141	90	244	358
31	e290	---	e118	e90	---	e44	---	443	---	91	217	---
TOTAL	10474	7678	4919	3284	1942	1631	2477	20857	7110	3696	4007	15500
MEAN	338	256	159	106	69.4	52.6	82.6	673	237	119	129	517
MAX	608	548	382	117	86	60	365	984	401	155	409	881
MIN	220	187	118	90	56	44	37	432	141	90	59	185
AC-FT	20780	15230	9760	6510	3850	3240	4910	41370	14100	7330	7950	30740
CFSM	4.89	3.70	2.30	1.53	1.00	0.76	1.19	9.73	3.43	1.72	1.87	7.47
IN.	5.64	4.13	2.65	1.77	1.05	0.88	1.33	11.22	3.83	1.99	2.16	8.34

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

	2004	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2004
MEAN	338	256	159	106	69.4	52.6	82.6	673	237	119	129	303
MAX	338	256	159	106	69.4	52.6	82.6	673	237	119	129	517
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005
MIN	338	256	159	106	69.4	52.6	82.6	673	237	119	129	89.0
(WY)	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2005	2004

SUMMARY STATISTICS

FOR 2005 WATER YEAR

WATER YEARS 2004 - 2005#

ANNUAL TOTAL	83575	
ANNUAL MEAN	229	229
HIGHEST ANNUAL MEAN		229
LOWEST ANNUAL MEAN		229
HIGHEST DAILY MEAN	984	984
LOWEST DAILY MEAN	a37	36
ANNUAL SEVEN-DAY MINIMUM	38	37
MAXIMUM PEAK FLOW	1440	1440
MAXIMUM PEAK STAGE	19.52	19.52
MAXIMUM PEAK STAGE	b19.89	b19.89
ANNUAL RUNOFF (AC-FT)	165800	165900
ANNUAL RUNOFF (CFSM)	3.31	3.31
ANNUAL RUNOFF (INCHES)	44.97	45.00
10 PERCENT EXCEEDS	544	544
50 PERCENT EXCEEDS	145	145
90 PERCENT EXCEEDS	54	54

See Period of Record; partial year was used in monthly statistics.
a Apr. 17-20
b Backwater from ice
e Estimated