

SOUTHWEST ALASKA

15304400 TAKIKCHAK RIVER NEAR NEWTOK

LOCATION.--Lat 60°48'24", long 164°35'46", in SE¹/₄ SW¹/₄ SW¹/₄ sec. 5, T.08 N., R.86 W. (Baird Inlet D-7 quad), Hydrologic Unit 19030502, on right bank, 1.0 mi upstream from mouth, and 10 south of Newtok.

DRAINAGE AREA.--19.6 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May to September 2004.

GAGE.--Water-stage recorder and crest-stage gage. Elevation of gage is 12.5 ft above sea level, from topographic map.

REMARKS.--Records are poor. Rain gage at station, GOES satellite telemetry at station.

EXTREMES FOR CURRENT PERIOD.-- May 2004 to September 2004: maximum discharge during period, 146 ft³/s, May 25, gage height 10.28 ft., from mark on crest-stage gage; minimum daily discharge during period, 18 ft³/s, September 17 to 21.

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	---	---	---	---	---	---	---	---	e34	e26	e22	e21
2	---	---	---	---	---	---	---	---	e34	e26	e22	e20
3	---	---	---	---	---	---	---	---	e33	e26	e22	e20
4	---	---	---	---	---	---	---	---	e33	e26	e21	e20
5	---	---	---	---	---	---	---	---	e32	e25	e22	e20
6	---	---	---	---	---	---	---	---	e32	e25	e21	e19
7	---	---	---	---	---	---	---	---	e31	e25	e21	e19
8	---	---	---	---	---	---	---	---	e31	e24	e21	e20
9	---	---	---	---	---	---	---	---	e30	e24	e24	e19
10	---	---	---	---	---	---	---	---	e30	e24	e25	e20
11	---	---	---	---	---	---	---	---	e30	e24	e26	e20
12	---	---	---	---	---	---	---	---	e29	e24	e26	e20
13	---	---	---	---	---	---	---	---	e32	e24	e25	e19
14	---	---	---	---	---	---	---	---	e29	e24	e24	e19
15	---	---	---	---	---	---	---	---	e32	e27	e23	e19
16	---	---	---	---	---	---	---	---	e30	e26	e22	e19
17	---	---	---	---	---	---	---	---	e35	e24	e22	e18
18	---	---	---	---	---	---	---	---	e31	e24	e21	e18
19	---	---	---	---	---	---	---	---	e29	e23	e21	e18
20	---	---	---	---	---	---	---	---	e28	e23	e21	e18
21	---	---	---	---	---	---	---	+43	e27	e23	e21	e18
22	---	---	---	---	---	---	---	---	e28	e23	e21	e23
23	---	---	---	---	---	---	---	---	e30	e23	e20	e22
24	---	---	---	---	---	---	---	---	e29	e22	e20	e22
25	---	---	---	---	---	---	---	---	e28	e22	e20	e21
26	---	---	---	---	---	---	---	---	e27	e22	e20	e20
27	---	---	---	---	---	---	---	---	e27	e23	e20	e20
28	---	---	---	---	---	---	---	---	e27	e22	e20	e20
29	---	---	---	---	---	---	---	---	e27	e23	e20	e20
30	---	---	---	---	---	---	---	---	e26	e24	e20	e21
31	---	---	---	---	---	---	---	---	---	e22	e20	---
TOTAL	---	---	---	---	---	---	---	---	901	743	674	593
MEAN	---	---	---	---	---	---	---	---	30.0	24.0	21.7	19.8
MAX	---	---	---	---	---	---	---	---	35	27	26	23
MIN	---	---	---	---	---	---	---	---	26	22	20	18
AC-FT	---	---	---	---	---	---	---	---	1790	1470	1340	1180
CFSM	---	---	---	---	---	---	---	---	1.54	1.23	1.11	1.01
IN.	---	---	---	---	---	---	---	---	1.71	1.41	1.28	1.13

+ Result of discharge measurement
e Estimated