

ARCTIC SLOPE ALASKA

15861000 JUDY CREEK NEAR NUIQSUT

LOCATION.--Lat 70°13'14", long 151°50'05", in NE¹/₄ NE¹/₄ SE¹/₄ sec. 15, T. 10 N., R. 1 E. (Harrison Bay A-4 quad), Hydrologic Unit 19060205, on left bank, 6 mi upstream from mouth, and 20 mi west of Nuiqsut.

DRAINAGE AREA.--639 mi².

PERIOD OF RECORD.--October 2004 to September 2005.

GAGE.--Water-stage recorder. Elevation of gage is 50 ft above sea level, from topographic map.

REMARKS.--Records poor. GOES satellite telemetry at station.

EXTREMES FOR CURRENT PERIOD.--Maximum daily discharge, 5,390 ft³/s, June 9; maximum instantaneous discharge not determined; maximum gage height, 27.47 ft, June 6 (backwater from ice); minimum discharge, 0.0 ft³/s, November 18, 2004 to June 1, 2005.

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	e90	e15	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	450	84	65
2	e85	e10	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e1.0	423	79	64
3	e80	e10	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e2.0	391	75	67
4	e80	e9.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e4.0	376	72	69
5	e75	e8.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e20	382	71	69
6	e75	e7.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e100	372	69	69
7	e70	e6.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e800	354	71	68
8	e70	e5.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e3000	332	74	66
9	e70	e4.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e5390	313	86	69
10	e65	e3.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	4730	309	92	68
11	e65	e3.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	4030	325	91	69
12	e65	e2.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	3460	343	89	67
13	e60	e2.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	3120	357	85	60
14	e60	e2.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	2860	429	79	59
15	e55	e1.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	2830	490	73	63
16	e55	e1.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	2540	361	72	64
17	e50	e1.0	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	2390	299	70	61
18	e50	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	2220	261	70	63
19	e45	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	1860	232	68	66
20	e45	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	1600	209	66	59
21	e40	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	1410	183	63	59
22	e35	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	1200	165	62	70
23	e35	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	1030	150	63	67
24	e30	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	908	137	61	64
25	e30	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	808	128	60	60
26	e25	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	718	121	62	57
27	e25	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	645	112	63	e55
28	e20	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	e0.00	587	104	67	e55
29	e20	e0.00	e0.00	e0.00	---	e0.00	e0.00	e0.00	535	96	66	e50
30	e15	e0.00	e0.00	e0.00	---	e0.00	e0.00	e0.00	490	92	65	e50
31	e15	---	e0.00	e0.00	---	e0.00	---	e0.00	---	88	65	---
TOTAL	1600	89.00	0.00	0.00	0.00	0.00	0.00	0.00	49288.00	8384	2233	1892
MEAN	51.6	2.97	0.00	0.00	0.00	0.00	0.00	0.00	1643	270	72.0	63.1
MAX	90	15	0.00	0.00	0.00	0.00	0.00	0.00	5390	490	92	70
MIN	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	88	60	50
AC-FT	3170	177	0.00	0.00	0.00	0.00	0.00	0.00	97760	16630	4430	3750
CFSM	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.57	0.42	0.11	0.10
IN.	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.00	2.87	0.49	0.13	0.11

e Estimated