

YUKON ALASKA

15392000 BIRCH CREEK ABOVE TWELVEMILE CREEK NEAR MILLER HOUSE

LOCATION.--Lat 65°23'33", Long 145°42'45", in NW¹/₄, SW¹/₄, NW¹/₄ sec.33, T. 7 N., R. 10 E., Fairbanks Meridian (Circle B-4 quad), Yukon-Koyukuk Borough, Hydrologic Unit 19040402, on right bank one quarter mile upstream of the Bureau of Land Management Twelvemile wayside parking lot at mile 93.9 of the Steese Highway.

DRAINAGE AREA.--89.2 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 28, 2001 to current year (no winter records).

GAGE.--Water-stage recorder. Elevation of gage is 1,950 ft above sea level, from topographic map.

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

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,100 ft³/s, July 27, 2003, from rating curve extended above 280 ft³/s on basis of slope-area measurement of peak flow, gage height, 48.14 ft. Minimum not determined, occurs during winter.

EXTREMES FOR WATER YEAR 2005.--Maximum discharge, 1,180 ft³/s, May 30, gage height, 46.27 ft, minimum not determined occurs during winter.

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	---	---	---	---	---	---	---	e200	1030	e574	54	51
2	---	---	---	---	---	---	---	e300	609	e350	53	51
3	---	---	---	---	---	---	---	e400	380	e250	50	50
4	---	---	---	---	---	---	---	e500	249	e200	48	49
5	---	---	---	---	---	---	---	e600	184	e165	50	48
6	---	---	---	---	---	---	---	e650	140	126	51	48
7	---	---	---	---	---	---	---	e700	112	194	49	50
8	---	---	---	---	---	---	---	e700	93	255	47	54
9	---	---	---	---	---	---	---	e650	80	178	46	56
10	---	---	---	---	---	---	---	555	71	290	44	58
11	---	---	---	---	---	---	---	456	66	269	43	58
12	---	---	---	---	---	---	---	416	93	225	42	59
13	---	---	---	---	---	---	---	421	137	183	41	67
14	---	---	---	---	---	---	---	415	100	152	40	72
15	---	---	---	---	---	---	---	455	80	122	40	73
16	---	---	---	---	---	---	---	542	73	118	39	72
17	---	---	---	---	---	---	---	435	71	170	40	69
18	---	---	---	---	---	---	---	561	61	300	39	67
19	---	---	---	---	---	---	---	384	56	230	39	63
20	---	---	---	---	---	---	---	294	54	175	39	61
21	---	---	---	---	---	---	---	217	49	146	39	62
22	---	---	---	---	---	---	---	172	45	126	38	71
23	---	---	---	---	---	---	---	145	41	109	38	96
24	---	---	---	---	---	---	---	134	37	95	41	210
25	---	---	---	---	---	---	---	136	35	85	44	281
26	---	---	---	---	---	---	---	139	32	76	43	268
27	---	---	---	---	---	---	---	174	29	69	44	236
28	---	---	---	---	---	---	---	358	27	63	46	197
29	---	---	---	---	---	---	---	310	e40	60	47	160
30	---	---	---	---	---	---	---	531	e130	59	46	137
31	---	---	---	---	---	---	---	728	---	56	49	---
TOTAL	---	---	---	---	---	---	---	12678	4204	5470	1369	2894
MEAN	---	---	---	---	---	---	---	409	140	176	44.2	96.5
MAX	---	---	---	---	---	---	---	728	1030	574	54	281
MIN	---	---	---	---	---	---	---	134	27	56	38	48
MED	---	---	---	---	---	---	---	416	72	165	44	65
AC-FT	---	---	---	---	---	---	---	25150	8340	10850	2720	5740
CFSM	---	---	---	---	---	---	---	4.58	1.57	1.98	0.50	1.08
IN.	---	---	---	---	---	---	---	5.29	1.75	2.28	0.57	1.21

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2005, BY WATER YEAR (WY)

MEAN	---	---	---	---	---	---	---	291	125	128	78.3	121
MAX	---	---	---	---	---	---	---	409	178	176	145	260
(WY)	---	---	---	---	---	---	---	2005	2002	2005	2002	2003
MIN	---	---	---	---	---	---	---	173	79.4	38.2	41.5	17.7
(WY)	---	---	---	---	---	---	---	2003	2004	2004	2004	2004

e Estimated