

# SOUTHEAST ALASKA

## 1501595 UNUK RIVER BELOW BLUE RIVER NEAR WRANGELL

LOCATION.--Lat 56°14'26", long 130°52'49", in NW<sup>1</sup>/<sub>4</sub> NW<sup>1</sup>/<sub>4</sub> NE<sup>1</sup>/<sub>4</sub> sec. 16, T. 65 S., R. 94 E. (Bradfield Canal A-3 quad), Hydrologic Unit 19010101, in Misty Fiords National Monument, on right bank 17 mi upstream from the Post (Bishop Ranch), near the mouth of Burroughs Bay and approximately 60 mi southeast of Wrangell.

DRAINAGE AREA.-- 745 mi<sup>2</sup>

### WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 2003 to current year (no winter record).

GAGE.--Water-stage recorder. Elevation of gage is 130 ft above sea level, from topographic map.

REMARKS.-- Records good, except June 5 to August 26, 2003, which are poor.

EXTREMES FOR WATER YEAR 2003.--Maximum discharge 22,100 ft<sup>3</sup>/s, September 2, gage-height 29.48 ft; minimum discharge not determined, occurs during winter.

EXTREMES FOR WATER YEAR 2004.--Maximum discharge 34,800 ft<sup>3</sup>/s, October 26, gage-height 32.96 ft; minimum discharge not determined, occurs during winter..

#### DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	5440	7590	9730	11400	8970
2	---	---	---	---	---	---	---	4540	6560	8880	11600	19100
3	---	---	---	---	---	---	---	3590	5960	9250	10300	13400
4	---	---	---	---	---	---	---	2910	5930	12300	9030	9700
5	---	---	---	---	---	---	---	2450	7020	11900	8200	9230
6	---	---	---	---	---	---	---	2300	10000	11000	7840	10700
7	---	---	---	---	---	---	---	2270	12200	10700	8790	11200
8	---	---	---	---	---	---	---	2520	11300	11000	9610	9860
9	---	---	---	---	---	---	---	3080	10500	10600	10300	7890
10	---	---	---	---	---	---	---	3740	10900	11600	8930	9560
11	---	---	---	---	---	---	---	4480	10800	12500	8100	13800
12	---	---	---	---	---	---	---	5330	10400	12800	8570	9600
13	---	---	---	---	---	---	---	5110	10300	13000	9860	11600
14	---	---	---	---	---	---	---	4000	9110	11900	9920	14300
15	---	---	---	---	---	---	---	3270	9130	10700	11300	10100
16	---	---	---	---	---	---	---	2790	7950	11200	13500	7990
17	---	---	---	---	---	---	---	2630	8330	12400	12400	6590
18	---	---	---	---	---	---	---	2920	10500	11600	12800	6880
19	---	---	---	---	---	---	---	3230	9260	11600	11000	8430
20	---	---	---	---	---	---	---	3390	7970	12400	9770	7090
21	---	---	---	---	---	---	---	3710	7760	12900	10400	9020
22	---	---	---	---	---	---	---	4500	7620	11900	7920	8980
23	---	---	---	---	---	---	---	5800	7640	10200	6580	6700
24	---	---	---	---	---	---	---	8590	7450	9910	6180	13000
25	---	---	---	---	---	---	---	8690	7270	11100	5930	15500
26	---	---	---	---	---	---	---	6930	8560	11600	6020	12000
27	---	---	---	---	---	---	---	6310	7810	11200	6000	10200
28	---	---	---	---	---	---	---	6390	7940	11100	6040	9770
29	---	---	---	---	---	---	---	7630	8560	11600	6490	10100
30	---	---	---	---	---	---	---	5200	7080	8720	11400	7950
31	---	---	---	---	---	---	---	7210	---	11400	8600	---
TOTAL	---	---	---	---	---	---	---	142830	261040	351370	281330	310450
MEAN	---	---	---	---	---	---	---	4607	8701	11330	9075	10350
MAX	---	---	---	---	---	---	---	8690	12200	13000	13500	19100
MIN	---	---	---	---	---	---	---	2270	5930	8880	5930	6590
AC-FT	---	---	---	---	---	---	---	283300	517800	696900	558000	615800
CFSM	---	---	---	---	---	---	---	6.18	11.7	15.2	12.2	13.9
IN.	---	---	---	---	---	---	---	7.13	13.03	17.54	14.05	15.50

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## 1501595 UNUK RIVER BELOW BLUE RIVER NEAR WRANGELL—Continued

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	8270	5130	---	---	---	---	1550	6990	6930	10900	9290	7110
2	7560	4700	---	---	---	---	1480	7600	6610	11100	11000	6570
3	6950	4310	---	---	---	---	1820	7250	6380	10800	11000	7780
4	6850	3980	---	---	---	---	2110	7250	6940	10500	10300	10500
5	6170	3730	---	---	---	---	2000	6850	8940	10300	10800	7900
6	7130	3540	---	---	---	---	1790	5460	9770	11800	11900	6950
7	7780	3340	---	---	---	---	1720	5130	11200	11200	10700	6310
8	6540	3170	---	---	---	---	1900	5440	12300	9800	10200	5610
9	5750	3130	---	---	---	---	2020	5640	12200	10400	10100	5010
10	5460	3110	---	---	---	---	2360	5220	9450	11600	11100	4190
11	4900	3040	---	---	---	---	3840	5420	8340	10500	11200	4560
12	4370	4730	---	---	---	---	4940	5620	8090	9700	9920	4690
13	4050	10500	---	---	---	---	4580	6510	8940	9880	9890	5960
14	4000	7360	---	---	---	---	4370	7490	8440	10800	10800	7280
15	3790	4960	---	---	---	---	3950	7490	7690	11200	13200	6030
16	3520	4150	---	---	---	---	3210	7400	7460	12600	14100	4730
17	3590	3700	---	---	---	---	2860	7180	9020	11600	13600	4060
18	3700	---	---	---	---	---	2770	7500	10700	10700	13400	3790
19	4090	---	---	---	---	---	2540	8350	13000	10900	11800	3510
20	3990	---	---	---	---	---	2380	9940	13700	12100	11000	3700
21	3920	---	---	---	---	---	2540	10400	14200	12100	10200	16100
22	4410	---	---	---	---	---	2820	9010	14500	11600	10100	12800
23	4480	---	---	---	---	---	3140	8020	15200	11600	8320	13500
24	4130	---	---	---	---	---	3120	8220	15700	12000	7410	24000
25	18000	---	---	---	---	---	3300	9140	15000	11400	7270	13500
26	30000	---	---	---	---	---	5180	10000	14800	10100	7410	8120
27	15300	---	---	---	---	---	4810	9070	14600	9760	9310	9290
28	10700	---	---	---	---	---	4180	8040	12500	11600	10100	8430
29	7950	---	---	---	---	1580	4100	8030	12400	13400	8000	6250
30	6430	---	---	---	---	2180	5070	7480	11700	11500	7350	5510
31	5660	---	---	---	---	1820	---	7420	---	9910	6930	---
TOTAL	219440	---	---	---	---	---	92450	230560	326700	343350	317700	233740
MEAN	7079	---	---	---	---	---	3082	7437	10890	11080	10250	7791
MAX	30000	---	---	---	---	---	5180	10400	15700	13400	14100	24000
MIN	3520	---	---	---	---	---	1480	5130	6380	9700	6930	3510
AC-FT	435300	---	---	---	---	---	183400	457300	648000	681000	630200	463600
CFSM	9.50	---	---	---	---	---	4.14	9.98	14.6	14.9	13.8	10.5
IN.	10.96	---	---	---	---	---	4.62	11.51	16.31	17.14	15.86	11.67