

09033100 RANCH CREEK BELOW MEADOW CREEK NEAR TABERNASH, CO

LOCATION.--Lat 39°59'57", long 105°49'37", in NW¹/₄NW¹/₄ sec.6. T.1 S., R.75 W., Grand County, Hydrologic Unit 14010001, on right bank about 400 ft downstream from Meadow Creek, 0.75 mi northeast of Tabernash, and 0.85 mi above mouth.

DRAINAGE AREA.--65.7 mi².

PERIOD OF RECORD.--April 1997 to September 2003, October 2003 to September 2004 (seasonal records only). For a complete listing of historical data available for this site, see http://waterdata.usgs.gov/co/nwis/inventory/?site_no=09033100

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 8,350 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Diversion upstream from station for irrigation of hay meadows in Fraser River Valley. Transmountain diversion upstream from station to Moffat water tunnel not known since 1959.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 763 ft³/s, June 9, 1997, gage height, 7.18 ft; minimum daily, 2.0 ft³/s, Sept. 3, 2002.

EXTREMES FOR CURRENT YEAR (seasonal only).--Maximum discharge, 55 ft³/s, June 30, gage height, 4.72 ft; maximum gage height, 5.78 ft, Apr. 2 (backwater from beaver dam); minimum daily, 5.1 ft³/s, Sept. 1 (estimated).

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	e31	---	---	---	---	---	e30	20	e14	32	8.1	e5.1
2	e17	---	---	---	---	---	e30	19	e15	18	8.4	e5.2
3	e17	---	---	---	---	---	e28	22	e16	15	9.0	e5.2
4	e17	---	---	---	---	---	e28	31	e16	13	8.4	e5.6
5	e17	---	---	---	---	---	e28	33	e15	14	8.0	e6.7
6	e16	---	---	---	---	---	e29	33	e15	18	8.9	e7.2
7	e16	---	---	---	---	---	e30	24	e14	14	8.4	e6.9
8	e16	---	---	---	---	---	e30	22	e14	12	8.1	e6.6
9	e16	---	---	---	---	---	e30	20	e14	11	8.1	e6.3
10	e16	---	---	---	---	---	e28	22	e13	11	8.3	5.8
11	e16	---	---	---	---	---	e26	23	e12	11	8.6	e5.7
12	e16	---	---	---	---	---	e26	25	e12	10	9.9	e5.9
13	e15	---	---	---	---	---	e26	26	e12	9.1	8.9	e5.9
14	e15	---	---	---	---	---	e25	22	e12	9.2	8.0	e5.7
15	---	---	---	---	---	---	e25	21	e12	9.7	7.5	e5.6
16	---	---	---	---	---	---	e25	20	e15	11	7.2	e5.6
17	---	---	---	---	---	---	e27	18	e17	14	7.7	5.4
18	---	---	---	---	---	---	e28	19	e19	12	e8.2	5.4
19	---	---	---	---	---	---	e27	18	20	11	e9.6	5.5
20	---	---	---	---	---	---	e26	18	18	11	e10	6.2
21	---	---	---	---	---	---	e26	18	17	11	e10	6.3
22	---	---	---	---	---	---	e26	18	19	12	e10	8.0
23	---	---	---	---	---	---	e25	17	15	13	e9.9	8.1
24	---	---	---	---	---	---	e24	16	13	13	e9.7	7.8
25	---	---	---	---	---	---	e24	16	12	11	e9.2	8.4
26	---	---	---	---	---	---	e24	17	15	10	e8.3	7.9
27	---	---	---	---	---	---	e24	17	16	10	e7.8	7.1
28	---	---	---	---	---	---	e24	e16	17	9.6	e6.9	6.7
29	---	---	---	---	---	---	23	e15	14	9.2	e6.5	6.5
30	---	---	---	---	---	---	24	e15	30	8.8	e5.8	12
31	---	---	---	---	---	---	---	e15	---	8.7	e5.5	---
TOTAL	---	---	---	---	---	---	796	636	463	382.3	258.9	196.3
MEAN	---	---	---	---	---	---	26.5	20.5	15.4	12.3	8.35	6.54
MAX	---	---	---	---	---	30	33	30	32	10	12	---
MIN	---	---	---	---	---	23	15	12	8.7	5.5	5.1	---
AC-FT	---	---	---	---	---	---	1,580	1,260	918	758	514	389

e Estimated.