

Water-Data Report CO-2005

09033100 RANCH CREEK BELOW MEADOW CREEK NEAR TABERNASH, CO

COLORADO RIVER HEADWATERS BASIN

LOCATION.--Lat 39°59'57", long 105°49'37" referenced to North American Datum of 1927, in NW ¼ NW ¼ 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.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--April 1997 to September 2003. October 2003 to September 2005 (seasonal records only), discontinued.

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

REMARKS.--Records good 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, 344 ft³/s, May 23, gage height, 6.09 ft; minimum daily, 6.0 ft³/s, Sept. 27 (estimated).

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16	---	---	---	---	---	e30	40	108	154	16	e7.8
2	13	---	---	---	---	---	e32	50	111	143	17	e7.8
3	10	---	---	---	---	---	e32	49	129	131	19	e7.8
4	9.2	---	---	---	---	---	e33	44	174	121	25	e7.5
5	9.3	---	---	---	---	---	e32	49	205	109	26	e7.5
6	13	---	---	---	---	---	e32	59	197	101	17	e7.5
7	14	---	---	---	---	---	e37	67	187	92	15	e7.5
8	11	---	---	---	---	---	e40	65	178	84	14	e7.4
9	9.9	---	---	---	---	---	e38	61	177	80	14	9.1
10	9.1	---	---	---	---	---	e35	76	212	79	14	9.0
11	8.7	---	---	---	---	---	e34	101	214	71	17	7.8
12	8.4	---	---	---	---	---	e45	93	214	59	14	7.0
13	12	---	---	---	---	---	e50	87	193	51	12	7.1
14	13	---	---	---	---	---	e48	85	176	34	13	e7.1
15	12	---	---	---	---	---	e52	97	192	29	11	e7.0
16	11	---	---	---	---	---	e56	111	213	26	11	e7.0
17	11	---	---	---	---	---	e65	116	232	25	12	e7.0
18	11	---	---	---	---	---	75	114	279	24	11	e6.8
19	12	---	---	---	---	---	82	126	294	21	10	e6.7
20	---	---	---	---	---	---	88	146	300	18	9.6	e6.6
21	---	---	---	---	---	---	63	184	280	16	9.8	e7.3
22	---	---	---	---	---	---	43	234	296	16	9.8	e8.2
23	---	---	---	---	---	---	49	265	281	16	9.3	e7.2
24	---	---	---	---	---	---	56	242	281	16	9.2	e6.4
25	---	---	---	---	---	---	56	223	283	17	e9.3	e6.2
26	---	---	---	---	---	---	51	191	257	17	e9.3	e6.1
27	---	---	---	---	---	---	50	160	231	15	e8.8	e6.0
28	---	---	---	---	---	---	55	140	201	13	e8.5	e9.5
29	---	---	---	---	---	---	49	125	190	13	e7.9	e7.3
30	---	---	---	---	---	---	41	123	166	13	e7.9	e7.2
31	---	---	---	---	---	---	---	142	---	13	e7.8	---
Total	---	---	---	---	---	---	1,449	3,665	6,451	1,617	395.2	220.4
Mean	---	---	---	---	---	---	48.3	118	215	52.2	12.7	7.35
Max	---	---	---	---	---	---	88	265	300	154	26	9.5
Min	---	---	---	---	---	---	30	40	108	13	7.8	6.0
Ac-ft	---	---	---	---	---	---	2,870	7,270	12,800	3,210	784	437

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