07099050 BEAVER CREEK ABOVE UPPER BEAVER CEMETERY NEAR PENROSE, CO

LOCATION.--Lat 38°33'42", long 105°01'17", in NW¼NE¼ sec.20, T.17 S., R.68 W., Fremont County, Hydrologic Unit 11020002, on left bank 40 ft upstream from bridge on Fremont County Road 132, 1 mi downstream from Banta Gulch, 1.3 mi northeast of Upper Beaver Cemetery, and 9.2 mi north of Penrose.

DRAINAGE AREA.--122 mi^2.

PERIOD OF RECORD.--March 1991 to current year (seasonal records only). For a complete listing of historical data available for this site see, http://waterdata.usgs.gov/co/nwis/inventory/?site_no=07099050

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 6,020 ft above NGVD of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Natural flow of stream affected by storage reservoirs, diversions for irrigation, and diversions for municipal use by the City of Colorado Springs.

EXTREMES FOR PERIOD OF RECORD (seasonal only).--Maximum discharge, 659 ft^3/s, June 10, 1997, gage height, 5.57 ft, from rating curve extended above 602 ft^3/s; maximum gage height, 6.70 ft, Sept. 4, 1991; minimum daily, 0.75 ft^3/s, Sept. 8, 2002.

EXTREMES FOR CURRENT YEAR (seasonal only).--Maximum discharge, 121 ft^3/s, July 27, gage height, 3.78 ft; minimum daily, 2.2 ft^3/s (estimated), Nov. 30.

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	18	8.8	---	---	---	4.0	12	53	28	49	44	38
2	18	8.3	---	---	---	4.2	13	54	28	34	41	37
3	18	8.3	---	---	---	4.0	23	53	28	27	39	34
4	18	8.2	---	---	---	4.4	16	53	27	23	32	33
5	18	8.0	---	---	---	4.4	15	54	26	21	33	36
6	18	8.4	---	---	---	4.8	15	56	29	20	47	32
7	18	8.8	---	---	---	5.5	14	57	30	20	59	31
8	18	8.6	---	---	---	5.9	20	60	33	18	53	29
9	18	8.5	---	---	---	6.8	25	60	35	17	49	28
10	17	8.5	---	---	---	7.9	27	58	27	22	45	27
11	18	8.4	---	---	---	7.6	23	58	21	27	44	24
12	18	8.4	---	---	---	7.7	23	56	20	22	49	24
13	18	9.0	---	---	---	8.5	22	55	20	19	57	23
14	18	8.7	---	---	---	8.4	24	54	19	18	49	22
15	17	8.3	---	---	---	8.8	24	50	18	17	44	20
16	14	8.0	---	---	---	8.4	24	46	17	21	37	23
17	14	8.1	---	---	---	9.9	24	44	16	42	29	26
18	13	7.7	---	---	---	15	25	41	16	45	28	26
19	7.5	e8.5	---	---	---	16	22	41	16	48	42	22
20	7.2	e7.9	---	---	---	17	22	42	15	46	47	22
21	7.8	e7.4	---	---	---	17	20	45	15	38	61	22
22	8.3	e6.8	---	---	---	17	21	44	18	34	51	25
23	7.6	e6.2	---	---	---	17	25	41	16	45	46	22
24	7.5	e5.6	---	---	---	16	23	37	15	46	41	22
25	7.5	e5.1	---	---	---	14	32	36	16	50	40	22
26	7.7	e4.5	---	---	---	14	34	34	16	50	39	22
27	7.6	e3.9	---	---	---	14	48	32	18	63	39	24
28	7.7	e4.0	---	---	---	12	60	32	22	59	46	24
29	7.8	e2.8	---	---	---	9.7	61	31	24	64	43	25
30	8.1	e2.2	---	---	---	12	57	34	33	56	39	21
31	8.8	---	---	---	---	12	---	30	---	49	40	---
TOTAL	410.1	215.9	---	---	---	313.9	794	1,441	662	1,110	1,353	786
MEAN	13.2	7.20	---	---	---	10.1	26.5	46.5	22.1	35.8	43.6	26.2
MAX	18	9.0	---	---	---	17	61	60	35	64	61	38
MIN	7.2	2.2	---	---	---	4.0	12	30	15	17	28	20
AC-FT	813	428	---	---	---	623	1,570	2,860	1,310	2,200	2,680	1,560

e Estimated.