09067000 BEAVER CREEK AT AVON, CO

LOCATION.--Lat 39°37'47", long 106°31'20", in NE¼SW¼ sec.12, T.5 S., R.82 W., Eagle County, Hydrologic Unit 14010003, on left bank at Avon, 550 ft upstream from U.S. Highway 6 and 24, and 700 ft upstream from mouth.

DRAINAGE AREA.--14.8 mi^2.

PERIOD OF RECORD.--January to December 1911, January 1912 to September 1914 (gage heights and discharge measurements only), May 1974 to February 1988, October 1988 to current year. For a complete listing of historical data available for this site, see http://waterdata.usgs.gov/co/nwis/inventory/?site_no=09067000

REVISED RECORDS.--WDR CO-88-2: Drainage area.

GAGE.--Water-stage recorder with satellite telemetry and crest-stage gage. Elevation of gage is 7,453 ft above NGVD of 1929, from topographic map. Prior to May 1, 1974, nonrecording gage near present site, at different datum.

REMARKS.--Records fair except for estimated daily discharges, and the period June 8-24, which are poor. Diversions upstream from station for irrigation upstream and downstream from station. Slight natural regulation by several small lakes in headwaters.

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	2.7	2.6	2.6	e2.3	2.5	2.5	6.6	9.0	26	19	6.7	3.2
2	2.9	2.9	e2.7	e2.3	2.4	e2.3	6.7	9.7	25	17	6.6	2.9
3	2.9	3.3	e2.6	e2.3	2.4	2.5	7.1	11	27	15	6.7	3.0
4	3.2	2.9	e2.6	e2.3	2.4	2.6	7.1	13	31	14	6.4	3.4
5	3.2	2.7	2.6	e2.4	2.4	2.6	8.0	15	34	14	6.1	4.4
6	3.0	2.8	2.6	e2.4	2.4	2.6	8.3	18	42	13	6.0	4.2
7	2.5	2.8	2.7	e2.4	e2.3	2.7	7.8	20	47	13	5.8	3.5
8	2.9	2.8	e2.7	e2.4	2.3	2.8	7.9	21	55	12	5.5	2.9
9	3.2	2.7	e2.6	e2.4	2.3	3.2	9.0	24	51	12	4.9	2.8
10	2.7	3.2	e2.6	e2.3	e2.2	3.3	8.4	27	49	12	4.8	2.9
11	3.6	3.7	2.5	e2.4	2.3	3.3	7.5	29	43	12	4.7	3.4
12	3.2	3.1	2.4	e2.4	e2.0	3.4	7.3	26	36	11	3.9	2.7
13	3.1	3.2	e2.3	e2.3	e2.0	3.5	7.3	22	45	11	4.0	2.8
14	3.0	3.5	e2.3	e2.3	e2.0	3.5	7.9	18	37	11	4.3	2.6
15	3.1	3.0	e2.3	e2.3	e2.1	3.7	8.5	16	38	11	4.4	2.7
16	2.9	2.8	e2.3	e2.3	e2.1	3.6	8.5	17	37	11	4.2	2.6
17	2.4	3.0	e2.3	2.5	2.5	3.8	8.7	18	33	11	3.9	2.6
18	2.6	2.9	e2.3	2.5	2.6	4.1	8.8	20	32	11	4.9	2.4
19	2.7	2.8	e2.3	2.4	2.6	4.5	8.5	25	32	10	8.1	2.9
20	2.0	2.8	e2.4	e2.4	2.6	5.1	8.3	32	32	9.7	7.2	3.9
21	2.4	2.7	e2.3	e2.4	2.4	5.2	7.9	35	34	9.2	6.0	4.5
22	1.8	e2.7	e2.4	e2.3	2.3	5.5	7.5	36	33	10	6.1	4.8
23	2.3	e2.6	e2.4	e2.2	2.3	5.7	7.0	32	30	9.4	5.9	4.4
24	3.0	e2.6	e2.3	e2.2	2.2	e4.8	6.9	31	28	11	5.0	4.2
25	2.5	e2.6	e2.3	e2.2	2.2	e5.1	8.1	30	21	9.7	4.9	4.3
26	2.3	e2.5	e2.3	e2.2	2.2	6.9	8.1	29	20	9.0	4.5	4.2
27	2.7	e2.6	e2.3	e2.2	2.3	6.6	8.8	29	18	10	4.2	3.8
28	2.7	e2.5	e2.3	e2.2	2.4	5.6	9.4	32	18	9.8	4.4	3.7
29	2.6	e2.6	e2.3	e2.2	2.4	5.1	10	36	17	8.2	3.8	e3.5
30	2.8	e2.6	e2.3	2.6	---	5.0	9.9	33	21	7.5	3.7	e4.5
31	2.5	---	e2.3	2.6	---	5.4	---	29	---	7.4	3.3	---
TOTAL	85.4	85.5	75.2	72.6	67.1	126.5	241.8	742.7	992	350.9	160.9	103.7
MEAN	2.75	2.85	2.43	2.34	2.31	4.08	8.06	24.0	33.1	11.3	5.19	3.46
MAX	3.6	3.7	2.7	2.6	2.6	6.9	10	36	55	19	8.1	4.8
MIN	1.8	2.5	2.3	2.2	2.0	2.3	6.6	9.0	17	7.4	3.3	2.4
AC-FT	169	170	149	144	133	251	480	1,470	1,970	696	319	206

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2004, BY WATER YEAR (WY)

MEAN	4.40	3.58	2.95	2.51	2.40	3.02	6.54	29.6	59.3	27.0	9.50	5.57
MAX	8.42	5.78	5.01	4.17	3.99	4.71	11.2	60.3	114	79.5	25.6	10.6
(WY)	(1998)	(1997)	(1984)	(1986)	(1986)	(1997)	(1996)	(2000)	(1983)	(1983)	(1984)	(1984)
MIN	2.28	2.07	1.65	1.44	1.51	1.49	2.48	11.5	17.5	4.69	2.34	1.41
(WY)	(1981)	(1980)	(1995)	(1981)	(1977)	(1977)	(1975)	(1977)	(2002)	(2002)	(1977)	(1977)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1974 - 2004	
ANNUAL TOTAL	4,554.6		3,104.3			
ANNUAL MEAN	12.5		8.48		13.0	
HIGHEST ANNUAL MEAN					22.7	1984
LOWEST ANNUAL MEAN					4.94	1977
HIGHEST DAILY MEAN	e145	Jun 1	55	Jun 8	242	Jun 27, 1983
LOWEST DAILY MEAN	1.8	Oct 22	1.8	Oct 22	0.55	Sep 10, 1977
ANNUAL SEVEN-DAY MINIMUM	2.1	Jan 1	2.1	Feb 10	0.75	Sep 5, 1977
MAXIMUM PEAK FLOW			57	Jun 7	249	Jun 27, 1983
MAXIMUM PEAK STAGE			a2.44	Jun 7	3.46	Jun 27, 1983
ANNUAL RUNOFF (AC-FT)	9,030		6,160		9,430	
10 PERCENT EXCEEDS	46		26		38	
50 PERCENT EXCEEDS	3.4		3.5		4.4	
90 PERCENT EXCEEDS	2.2		2.3		2.1	

e Estimated.
a Maximum gage height, 3.06 ft, Jan 22, backwater from ice.