09246400 ELKHEAD CREEK BELOW MAYNARD GULCH NEAR CRAIG, CO

LOCATION.--Lat 40°32'31", long 107°23'50", in SW$^1/_4$SE$^1/_4$ sec.20, T.7 N., R.89 W., Moffat County, Hydrologic Unit 14050001, on left bank 2.0 mi downstream from Maynard Gulch, and 8.5 mi northeast of Craig.

DRAINAGE AREA.--212 mi^2.

PERIOD OF RECORD.--August 1995 to current year. For a complete listing of historical data available for this site, see http://waterdata.usgs.gov/co/nwis/inventory/?site_no=09246400

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 6,280 ft above NGVD of 1929, from topographic map.

REMARKS.--Record fair except for estimated daily discharges, which are poor. Natural flow affected by diversions for irrigation of several hundred acres upstream from station and storage in Elkhead Reservoir.

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	0.72	1.8	1.7	e5.7	e7.0	e12	133	284	73	13	2.0	1.3
2	0.88	2.4	1.7	e5.8	e8.0	e11	206	245	65	12	2.0	1.2
3	1.5	2.9	1.5	e6.5	e8.0	e11	238	261	59	10	1.7	1.2
4	1.5	2.4	1.5	e5.9	e8.0	e11	236	306	55	9.5	1.6	1.4
5	1.4	2.0	1.6	e6.1	e7.0	e11	269	348	51	8.1	1.7	1.6
6	1.3	1.9	1.7	e6.9	e7.0	e10	332	375	47	7.8	1.7	1.4
7	1.1	1.9	2.0	e8.9	e8.0	e9.0	351	361	41	7.8	1.5	1.4
8	1.2	1.9	2.6	e8.4	e8.0	e11	352	331	37	7.3	1.5	1.4
9	1.1	2.0	2.4	e7.6	e8.0	e12	461	308	34	6.7	1.5	1.3
10	1.2	2.7	2.2	e7.8	e8.0	e16	403	280	30	4.0	1.5	1.4
11	1.2	2.3	2.1	e8.2	e8.0	20	278	260	23	4.1	1.4	1.3
12	0.72	1.9	2.0	e8.5	e8.0	27	226	271	27	3.6	1.4	1.2
13	0.63	2.0	2.0	e7.6	e8.0	35	191	290	29	2.9	1.4	1.1
14	1.3	1.9	2.1	e7.7	e7.5	44	206	258	30	2.9	1.4	1.2
15	1.3	2.0	e2.1	e9.0	e8.0	50	249	230	27	2.8	1.4	1.0
16	1.2	2.0	e2.1	e8.0	e7.0	48	253	216	24	3.3	1.4	1.0
17	1.5	2.1	e2.2	e7.0	e8.0	52	292	208	24	3.1	1.4	0.96
18	1.2	1.9	e2.5	e7.0	e8.0	68	311	191	29	2.8	1.6	1.0
19	0.99	1.9	e2.6	e7.0	e8.0	89	283	184	29	3.2	1.6	1.3
20	0.91	1.9	e2.7	e8.0	e9.0	133	241	169	29	2.9	1.5	1.4
21	0.70	1.8	e2.5	e7.0	e9.5	136	228	154	31	3.1	1.4	1.5
22	e0.71	2.3	e2.4	e7.0	e10	153	217	132	34	3.4	1.4	1.4
23	0.69	1.8	e2.4	e7.0	e10	182	188	113	33	3.3	1.4	1.4
24	0.78	1.3	e2.8	e8.0	e10	212	198	102	25	3.2	1.4	1.4
25	0.93	1.5	e3.2	e7.0	e10	215	201	103	20	3.0	1.4	1.3
26	1.2	1.6	e3.5	e7.0	e11	231	198	101	17	2.8	1.4	1.2
27	1.2	1.4	e4.1	e7.0	e11	252	225	90	15	3.0	1.5	1.2
28	1.3	1.1	e5.1	e7.0	e11	199	294	83	13	3.0	1.4	1.2
29	1.3	1.4	e5.4	e8.0	e11	139	313	84	13	2.6	1.4	1.4
30	1.1	1.6	e5.9	e8.0	---	106	326	92	12	1.9	1.4	1.4
31	1.9	---	e6.2	e8.0	---	97	---	83	---	1.8	1.3	---
TOTAL	34.66	57.6	84.8	228.6	250.0	2,602.0	7,899	6,513	976	148.9	46.6	38.46
MEAN	1.12	1.92	2.74	7.37	8.62	83.9	263	210	32.5	4.80	1.50	1.28
MAX	1.9	2.9	6.2	9.0	11	252	461	375	73	13	2.0	1.6
MIN	0.63	1.1	1.5	5.7	7.0	9.0	133	83	12	1.8	1.3	0.96
AC-FT	69	114	168	453	496	5,160	15,670	12,920	1,940	295	92	76

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2004, BY WATER YEAR (WY)

MEAN	9.12	10.7	9.60	11.8	13.4	70.5	356	588	127	12.0	5.49	6.54
MAX	39.3	33.2	29.8	29.6	32.0	169	503	1,224	362	39.3	13.6	32.0
(WY)	(1998)	(1998)	(1998)	(1998)	(1998)	(1998)	(1998)	(1997)	(1997)	(1998)	(1997)	(1997)
MIN	0.81	1.17	1.52	3.09	1.78	5.16	148	78.0	5.31	1.97	1.46	1.05
(WY)	(2003)	(2003)	(2003)	(2003)	(2003)	(2003)	(2002)	(2002)	(2002)	(2001)	(2001)	(2001)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR		FOR 2004 WATER YEAR		WATER YEARS 1995 - 2004	
ANNUAL TOTAL	30,044.98		18,879.62			
ANNUAL MEAN	82.3		51.6		102	
HIGHEST ANNUAL MEAN					192	1997
LOWEST ANNUAL MEAN					25.1	2002
HIGHEST DAILY MEAN	998	May 18	461	Apr 9	1,870	May 4, 1998
LOWEST DAILY MEAN	0.50	Sep 15	0.63	Oct 13	0.15	Sep 3, 2001
ANNUAL SEVEN-DAY MINIMUM	0.82	Oct 19	0.82	Oct 19	0.28	Aug 30, 2001
MAXIMUM PEAK FLOW			515	Apr 9	2,430	May 8, 1997
MAXIMUM PEAK STAGE			3.70	Apr 9	a6.83	May 8, 1997
ANNUAL RUNOFF (AC-FT)	59,590		37,450		73,980	
10 PERCENT EXCEEDS	382		227		341	
50 PERCENT EXCEEDS	2.2		7.0		12	
90 PERCENT EXCEEDS	1.2		1.3		1.5	

e Estimated.
a Maximum gage height, 8.00 ft, Dec 29, 1996, backwater from ice.