07134990 WILD HORSE CREEK ABOVE HOLLY, CO

LOCATION.--Lat 38°03'24", long 102°08'16", in NE¼NE¼ sec. 16, T.23 S., R.42 W., Prowers County, Hydrologic Unit 11020009, on left bank 1,000 ft downstream from County Road No. 34, 0.7 mi northwest of Holly, and 0.7 mi upstream from mouth.

DRAINAGE AREA.--270 mi^2, approximately, of which about 60 mi^2 is probably noncontributing.

PERIOD OF RECORD.--June 1995 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=07134990

REVISED RECORDS.--WDR CO-01-1: Drainage area

GAGE.--Water-stage recorder with satellite telemetry and crest-stage gage. Elevation of gage is 3,405 ft above NGVD of 1929, from topographic map. Prior to Apr. 29, 1997, at site 1,050 ft upstream at datum 3.00 ft higher.

REMARKS.--Records fair except for estimated daily discharges and those below 0.75 ft^3/s, which are poor. Natural flow of stream affected by diversions for irrigation, ground-water withdrawals, and return flows from irrigated areas, the Buffalo Canal, and the Amity Canal.

EXTREMES FOR PERIOD OF RECORD (seasonal only).--Maximum discharge, 1,270 ft^3/s, May 26, 1996, from slope-area measurement of peak flow, gage height, 6.90 ft, from floodmark, site and datum then in use; maximum gage height, 8.63 ft, Aug. 7, 1997, from floodmark; no flow, Aug. 20-21, 2002, Sept. 14, 2004.

EXTREMES FOR CURRENT YEAR (seasonal only).--Maximum discharge, 726 ft^3/s, Sept. 25, gage height, 8.05 ft; no flow, Sept. 14.

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	1.1	14	---	---	---	---	1.9	4.1	0.25	4.1	1.1	1.1
2	1.2	8.8	---	---	---	---	1.1	2.2	0.29	3.3	1.3	1.0
3	0.73	2.2	---	---	---	---	0.85	0.37	0.25	2.9	2.3	1.00
4	0.68	1.7	---	---	---	---	1.4	5.0	0.15	3.2	0.80	1.00
5	1.2	2.5	---	---	---	---	0.62	26	7.9	5.0	0.54	0.99
6	1.0	1.5	---	---	---	---	0.60	0.64	6.0	4.9	0.64	0.92
7	0.80	2.7	---	---	---	---	0.58	0.54	4.3	3.3	0.59	0.87
8	0.62	1.4	---	---	---	---	0.55	0.49	5.8	2.6	0.64	0.83
9	0.62	1.4	---	---	---	---	0.63	0.40	0.19	0.58	1.0	0.57
10	0.62	1.2	---	---	---	---	0.72	0.35	0.28	1.1	1.4	0.24
11	0.70	0.97	---	---	---	---	0.69	0.36	0.29	3.2	1.7	0.30
12	0.81	0.91	---	---	---	---	0.66	0.48	0.13	30	1.4	0.30
13	0.85	1.6	---	---	---	---	0.59	0.54	0.16	3.6	1.1	0.20
14	0.81	0.92	---	---	---	---	0.52	1.2	0.09	1.5	0.89	0.00
15	0.79	1.6	---	---	---	---	0.46	2.6	0.05	2.6	0.67	0.17
16	0.83	3.9	---	---	---	---	0.42	2.5	5.6	1.0	2.5	0.10
17	0.82	9.1	---	---	---	---	0.40	2.4	9.6	0.51	6.1	0.28
18	0.75	5.1	---	---	---	---	0.49	2.3	3.0	1.8	23	0.28
19	0.77	4.5	---	---	---	---	0.99	2.3	45	0.89	54	0.49
20	2.4	12	---	---	---	---	5.4	1.5	98	0.97	57	0.67
21	4.3	13	---	---	---	---	2.0	16	47	0.87	59	0.65
22	7.4	e15	---	---	---	---	7.7	13	32	0.77	50	0.53
23	4.1	e13	---	---	---	---	13	3.8	28	7.8	28	0.28
24	4.1	e12	---	---	---	---	26	6.4	6.6	0.69	9.6	0.12
25	6.8	22	---	---	---	---	10	13	4.6	0.68	9.8	276
26	14	39	---	---	---	---	43	5.8	31	0.59	23	14
27	11	41	---	---	---	---	29	5.5	73	0.48	35	2.6
28	14	40	---	---	---	---	24	0.88	4.8	0.68	57	1.3
29	5.4	29	---	---	---	---	25	0.38	5.2	0.55	30	0.80
30	1.8	1.0	---	---	---	---	59	0.67	4.5	0.53	16	2.5
31	4.7	---	---	---	---	---	---	0.37	---	0.63	3.3	---
TOTAL	95.70	303.00	---	---	---	---	258.27	122.07	424.03	91.32	479.37	310.09
MEAN	3.09	10.1	---	---	---	---	8.61	3.94	14.1	2.95	15.5	10.3
MAX	14	41	---	---	---	---	59	26	98	30	59	276
MIN	0.62	0.91	---	---	---	---	0.40	0.35	0.05	0.48	0.54	0.00
AC-FT	190	601	---	---	---	---	512	242	841	181	951	615

e Estimated.