

Water-Data Report 2007

06627800 JACK CREEK ABOVE COYOTE DRAW, NEAR SARATOGA, WY

North Platte Basin
Upper North Platte Subbasin

LOCATION.--Lat 41°26'21", long 106°58'16" referenced to North American Datum of 1927, in NW ¼ NE ¼ NW ¼ sec.21, T.17 N., R.85 W., Carbon County, WY, Hydrologic Unit 10180002, on left bank 1.2 mi upstream from Coyote Draw and Blydenburg and Morgan Ditches, 2.0 mi downstream from Gartman Creek, and 8.2 mi west of Saratoga.

DRAINAGE AREA.--109 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1990 to current year (no winter records).

GAGE.--Water-stage recorder. Elevation of gage is 7,050 ft above NGVD of 1929, from topographic map.

COOPERATION.--Station operated and record provided by Office of the Wyoming State Engineer; record reviewed by U.S. Geological Survey.

REMARKS.--Records fair. Diversions for irrigation of about 2,000 acres upstream from station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 479 ft³/s, May 22, 2005, gage height, 6.65 ft; maximum gage height, 7.22 ft June 9, 1995; minimum daily discharge, 0 ft³/s, August 17-29, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 202 ft³/s, May 5, gage height, 5.37 ft; minimum daily discharge, 1.3 ft³/s, August 26, 27.

06627800 JACK CREEK ABOVE COYOTE DRAW, NEAR SARATOGA, WY—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	e60	145	69	9.9	3.9	1.6
2	---	---	---	---	---	---	e60	126	65	11	3.3	1.5
3	---	---	---	---	---	---	55	145	60	11	4.7	1.6
4	---	---	---	---	---	---	47	167	59	9.6	6.7	1.5
5	---	---	---	---	---	---	43	184	60	8.6	5.2	1.8
6	---	---	---	---	---	---	44	145	60	8.6	4.7	3.7
7	---	---	---	---	---	---	41	123	89	8.0	3.7	3.5
8	---	---	---	---	---	---	41	121	85	8.1	2.5	2.7
9	---	---	---	---	---	---	39	108	91	7.5	2.2	2.2
10	---	---	---	---	---	---	44	100	64	6.6	1.9	2.2
11	---	---	---	---	---	---	35	107	52	7.0	1.6	2.0
12	---	---	---	---	---	---	35	107	50	7.2	1.5	2.1
13	---	---	---	---	---	---	32	136	53	6.7	1.5	2.2
14	---	---	---	---	---	---	29	163	49	7.1	1.6	2.2
15	---	---	---	---	---	---	32	182	45	6.7	2.5	2.6
16	---	---	---	---	---	---	39	149	44	5.9	2.9	2.4
17	---	---	---	---	---	---	44	129	42	5.3	2.2	2.7
18	---	---	---	---	---	---	49	122	40	4.9	2.4	3.1
19	---	---	---	---	---	---	60	119	37	4.6	2.7	3.1
20	---	---	---	---	---	---	50	107	34	4.5	2.1	2.4
21	---	---	---	---	---	---	54	110	31	5.7	1.6	2.0
22	---	---	---	---	---	---	54	125	29	4.3	1.5	1.9
23	---	---	---	---	---	---	61	105	27	3.0	1.6	2.1
24	---	---	---	---	---	---	63	87	24	3.0	1.8	6.2
25	---	---	---	---	---	---	56	73	22	3.9	1.6	8.3
26	---	---	---	---	---	---	54	67	16	5.0	1.3	7.2
27	---	---	---	---	---	---	57	66	15	6.3	1.3	6.1
28	---	---	---	---	---	---	57	61	14	10	1.7	5.3
29	---	---	---	---	---	---	76	96	13	7.5	2.1	4.9
30	---	---	---	---	---	---	116	87	11	5.2	1.8	7.3
31	---	---	---	---	---	---	---	74	---	4.2	1.7	---
Total	---	---	---	---	---	---	1,527	3,636	1,350	206.9	77.8	98.4
Mean	---	---	---	---	---	---	50.9	117	45.0	6.67	2.51	3.28
Max	---	---	---	---	---	---	116	184	91	11	6.7	8.3
Min	---	---	---	---	---	---	29	61	11	3.0	1.3	1.5
Ac-ft	---	---	---	---	---	---	3,030	7,210	2,680	410	154	195

06627800 JACK CREEK ABOVE COYOTE DRAW, NEAR SARATOGA, WY—Continued

