

Water-Data Report 2011

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 upstream from station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 668 ft³/s, June 2, 2009, gage height, 7.65 ft; minimum daily discharge, 0 ft³/s, August 17-29, 2002.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 573 ft³/s, June 7, gage height, 7.60 ft; minimum daily discharge, 8.7 ft³/s, September 24.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	42	322	195	27	12
2	---	---	---	---	---	---	---	41	408	174	30	11
3	---	---	---	---	---	---	---	42	464	165	26	10
4	---	---	---	---	---	---	---	57	360	173	24	10
5	---	---	---	---	---	---	---	54	392	243	21	10
6	---	---	---	---	---	---	---	65	456	183	18	11
7	---	---	---	---	---	---	---	79	518	167	17	13
8	---	---	---	---	---	---	48	106	476	174	16	12
9	---	---	---	---	---	---	50	142	427	179	15	11
10	---	---	---	---	---	---	40	153	373	161	15	11
11	---	---	---	---	---	---	39	140	344	150	14	10
12	---	---	---	---	---	---	39	116	339	151	13	9.9
13	---	---	---	---	---	---	40	105	345	143	12	9.5
14	---	---	---	---	---	---	46	130	333	148	12	9.4
15	---	---	---	---	---	---	39	174	325	128	13	10
16	---	---	---	---	---	---	40	230	339	98	12	11
17	---	---	---	---	---	---	49	274	356	97	13	10
18	---	---	---	---	---	---	80	253	292	105	12	12
19	---	---	---	---	---	---	97	235	276	109	11	10
20	---	---	---	---	---	---	63	203	297	109	12	9.4
21	---	---	---	---	---	---	68	184	289	90	12	9.1
22	---	---	---	---	---	---	72	232	240	74	11	9.1
23	---	---	---	---	---	---	58	300	230	63	11	8.9
24	---	---	---	---	---	---	58	344	224	56	10	8.7
25	---	---	---	---	---	---	56	328	220	51	9.9	9.5
26	---	---	---	---	---	---	57	346	214	54	12	9.3
27	---	---	---	---	---	---	48	361	196	65	12	9.3
28	---	---	---	---	---	---	46	317	181	46	12	9.1
29	---	---	---	---	---	---	56	277	179	38	13	9.0
30	---	---	---	---	---	---	46	383	204	33	13	9.2
31	---	---	---	---	---	---	---	293	---	29	11	---
Total	---	---	---	---	---	---	---	6,006	9,619	3,651	459.9	303.4
Mean	---	---	---	---	---	---	---	194	321	118	14.8	10.1
Max	---	---	---	---	---	---	---	383	518	243	30	13
Min	---	---	---	---	---	---	---	41	179	29	9.9	8.7
Ac-ft	---	---	---	---	---	---	---	11,910	19,080	7,240	912	602

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