

Water-Data Report 2013

**06622900 SOUTH BRUSH CREEK NEAR SARATOGA, WY**

North Platte Basin  
Upper North Platte Subbasin

LOCATION.--Lat 41°20'38", long 106°31'33" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.20, T.16 N., R.81 W., Carbon County, WY, Hydrologic Unit 10180002, Medicine Bow National Forest, on left bank 300 ft upstream from culvert on State Highway 130, 1.6 mi upstream from North Brush Creek, and 17 mi southeast of Saratoga.

DRAINAGE AREA.--22.8 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--May 1960 to September 1974, May 1976 to September 1977, May 1979 to current year (no winter records since 1972). All values of discharge greater than 200 ft<sup>3</sup>/s April 1973 through September 2002, are unreliable and should not be used.

REVISED RECORDS.--WRD WY 2007: 2003 (M).

GAGE.--Water-stage recorder. Elevation of gage is 8,100 ft above NGVD of 1929, from topographic map.

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

REMARKS.--Records fair, except those for discharge greater than 150 ft<sup>3</sup>/s, which are poor. Transbasin diversion 0.3 mi upstream from station for irrigation in North Brush Creek basin.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 6.50 ft, July 19, 2011, discharge not determined; minimum daily discharge, 0.43 ft<sup>3</sup>/s, August 5, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 334 ft<sup>3</sup>/s, June 10, gage height, 4.54 ft; minimum daily discharge, 6.2 ft<sup>3</sup>/s, September 6.

## 06622900 SOUTH BRUSH CREEK NEAR SARATOGA, WY—Continued

**DISCHARGE, CUBIC FEET PER SECOND**  
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	41	26	10	8.5
2	---	---	---	---	---	---	---	---	51	24	13	7.9
3	---	---	---	---	---	---	---	---	85	24	9.1	7.1
4	---	---	---	---	---	---	---	---	104	28	8.2	6.5
5	---	---	---	---	---	---	---	---	115	38	7.7	6.3
6	---	---	---	---	---	---	---	---	123	26	7.2	6.2
7	---	---	---	---	---	---	---	---	144	20	9.0	16
8	---	---	---	---	---	---	---	---	176	18	10	18
9	---	---	---	---	---	---	---	---	190	17	11	23
10	---	---	---	---	---	---	---	---	220	16	9.8	17
11	---	---	---	---	---	---	---	---	213	14	9.5	17
12	---	---	---	---	---	---	---	---	173	20	11	23
13	---	---	---	---	---	---	---	---	149	40	15	30
14	---	---	---	---	---	---	---	---	142	26	15	17
15	---	---	---	---	---	---	---	---	123	21	13	15
16	---	---	---	---	---	---	---	---	106	18	12	13
17	---	---	---	---	---	---	---	128	95	16	12	11
18	---	---	---	---	---	---	---	103	90	16	12	11
19	---	---	---	---	---	---	---	63	85	15	12	9.9
20	---	---	---	---	---	---	---	53	77	15	11	9.1
21	---	---	---	---	---	---	---	41	67	13	11	8.6
22	---	---	---	---	---	---	---	39	75	12	11	9.5
23	---	---	---	---	---	---	---	58	67	12	11	17
24	---	---	---	---	---	---	---	81	58	12	11	13
25	---	---	---	---	---	---	---	98	51	14	11	9.9
26	---	---	---	---	---	---	---	129	46	15	11	8.9
27	---	---	---	---	---	---	---	121	41	12	11	10
28	---	---	---	---	---	---	---	102	36	12	11	11
29	---	---	---	---	---	---	---	85	31	12	11	14
30	---	---	---	---	---	---	---	62	29	11	9.8	12
31	---	---	---	---	---	---	---	47	---	9.9	9.3	---
<b>Total</b>	---	---	---	---	---	---	---	---	3,003	572.9	335.6	386.4
<b>Mean</b>	---	---	---	---	---	---	---	---	100	18.5	10.8	12.9
<b>Max</b>	---	---	---	---	---	---	---	---	220	40	15	30
<b>Min</b>	---	---	---	---	---	---	---	---	29	9.9	7.2	6.2
<b>Ac-ft</b>	---	---	---	---	---	---	---	---	5,960	1,140	666	766

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