

Water-Data Report 2009

06227810 LEFTHAND DITCH AT HEADWORKS, NEAR RIVERTON, WY

Big Horn Basin
Upper Wind Subbasin

LOCATION.--Lat 43°01'34", long 108°31'12" referenced to North American Datum of 1927, in NE ¼ NE ¼ NE ¼ sec.33, T.1 N., R.3 E., Fremont County, WY, Hydrologic Unit 10080001, Wind River Indian Reservation, on left bank 0.6 mi downstream from headgates and 6.9 mi west of Riverton.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1991 to September 1999, May 2001 to current year (no winter records).

GAGE.--Water-stage recorder. Elevation of gage is 5,060 ft above NGVD of 1929, from topographic map. U.S. Geological Survey data collection platform with satellite telemetry at station.

REMARKS.--Records good. Flow is diverted from Wind River for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 74 ft³/s, June 13, 1991, gage height, 2.73 ft, May 24, 1997, gage height, 3.09 ft; maximum gage height, 3.19 ft, September 8, 1997; minimum daily discharge, 0 ft³/s, many days, most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 67 ft³/s, July 27, gage height, 2.61 ft; minimum daily discharge, 3.7 ft³/s, July 5.

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	11	30	28	29
2	---	---	---	---	---	---	---	---	11	33	29	28
3	---	---	---	---	---	---	---	---	8.4	18	28	28
4	---	---	---	---	---	---	---	---	9.7	4.3	32	28
5	---	---	---	---	---	---	---	---	7.1	3.7	33	29
6	---	---	---	---	---	---	---	---	9.6	20	31	29
7	---	---	---	---	---	---	---	---	19	29	30	29
8	---	---	---	---	---	---	---	5.0	23	34	28	28
9	---	---	---	---	---	---	---	9.8	20	33	28	32
10	---	---	---	---	---	---	---	8.8	14	26	23	37
11	---	---	---	---	---	---	---	8.3	13	20	19	37
12	---	---	---	---	---	---	---	9.3	13	17	17	38
13	---	---	---	---	---	---	---	10	9.2	26	23	38
14	---	---	---	---	---	---	---	11	8.9	35	29	38
15	---	---	---	---	---	---	---	13	8.7	31	30	41
16	---	---	---	---	---	---	---	12	8.6	26	31	43
17	---	---	---	---	---	---	---	12	8.4	21	31	42
18	---	---	---	---	---	---	---	13	8.3	11	32	42
19	---	---	---	---	---	---	---	12	8.2	8.0	32	42
20	---	---	---	---	---	---	---	8.8	8.2	20	31	41
21	---	---	---	---	---	---	---	12	8.1	25	30	36
22	---	---	---	---	---	---	---	14	13	26	30	32
23	---	---	---	---	---	---	---	12	15	18	29	32
24	---	---	---	---	---	---	---	13	12	20	29	32
25	---	---	---	---	---	---	---	10	29	19	35	32
26	---	---	---	---	---	---	---	7.7	35	17	36	31
27	---	---	---	---	---	---	---	11	8.0	21	32	31
28	---	---	---	---	---	---	---	15	4.0	38	29	31
29	---	---	---	---	---	---	---	16	20	41	29	30
30	---	---	---	---	---	---	---	9.8	29	29	30	14
31	---	---	---	---	---	---	---	7.6	---	27	30	---
Total	---	---	---	---	---	---	---	---	400.4	727.0	904	1,000
Mean	---	---	---	---	---	---	---	---	13.3	23.5	29.2	33.3
Max	---	---	---	---	---	---	---	---	35	41	36	43
Min	---	---	---	---	---	---	---	---	4.0	3.7	17	14
Ac-ft	---	---	---	---	---	---	---	---	794	1,440	1,790	1,980

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