

Water-Data Report 2007

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, 66 ft³/s, July 26, gage height, 2.55 ft; minimum daily discharge, 12 ft³/s, July 31, August 2, 4, and 5.

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

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	27	40	31	13	22
2	---	---	---	---	---	---	---	28	39	33	12	21
3	---	---	---	---	---	---	---	28	39	33	13	20
4	---	---	---	---	---	---	---	26	38	31	12	19
5	---	---	---	---	---	---	---	34	36	32	12	19
6	---	---	---	---	---	---	---	28	36	31	15	21
7	---	---	---	---	---	---	---	21	38	34	17	23
8	---	---	---	---	---	---	---	21	36	34	23	23
9	---	---	---	---	---	---	---	21	35	33	25	23
10	---	---	---	---	---	---	---	20	34	36	25	25
11	---	---	---	---	---	---	---	21	33	39	25	26
12	---	---	---	---	---	---	---	23	34	37	24	26
13	---	---	---	---	---	---	---	25	32	34	24	26
14	---	---	---	---	---	---	---	31	32	34	25	26
15	---	---	---	---	---	---	---	34	32	33	25	26
16	---	---	---	---	---	---	---	37	31	34	24	27
17	---	---	---	---	---	---	---	37	32	34	24	31
18	---	---	---	---	---	---	---	33	33	33	24	30
19	---	---	---	---	---	---	---	36	32	33	24	30
20	---	---	---	---	---	---	---	37	33	33	24	28
21	---	---	---	---	---	---	---	39	33	33	23	25
22	---	---	---	---	---	---	---	39	34	32	22	24
23	---	---	---	---	---	---	---	38	33	32	23	24
24	---	---	---	---	---	---	---	39	33	32	22	23
25	---	---	---	---	---	---	---	38	33	33	22	21
26	---	---	---	---	---	---	---	38	32	42	22	21
27	---	---	---	---	---	---	---	39	31	21	22	21
28	---	---	---	---	---	---	---	38	31	20	23	22
29	---	---	---	---	---	---	---	39	31	19	23	22
30	---	---	---	---	---	---	13	41	30	16	23	22
31	---	---	---	---	---	---	---	41	---	12	23	---
Total	---	---	---	---	---	---	---	997	1,016	964	658	717
Mean	---	---	---	---	---	---	---	32.2	33.9	31.1	21.2	23.9
Max	---	---	---	---	---	---	---	41	40	42	25	31
Min	---	---	---	---	---	---	---	20	30	12	12	19
Ac-ft	---	---	---	---	---	---	---	1,980	2,020	1,910	1,310	1,420

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