

Water-Data Report 2009

06227596 JOHNSTOWN DITCH AT HEADWORKS, NEAR KINNEAR, WY

Big Horn Basin
Upper Wind Subbasin

LOCATION.--Lat 43°09'02", long 108°43'41" referenced to North American Datum of 1927, in SW ¼ SE ¼ NW ¼ sec.14, T.2 N., R.1 E., Fremont County, WY, Hydrologic Unit 10080001, Wind River Indian Reservation, on left bank, 450 ft downstream from headgate, 1.6 mi upstream from bridge on State Highway 132, and 2.5 mi west of Kinnear.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--May 1991 to September 1999, May 2002 to current year (no winter records).

GAGE.--Water-stage recorder. Elevation of gage is 5,310 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 the Wind River for irrigation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 77 ft³/s, May 21, 2009, gage height, 2.87 ft; minimum daily discharge, 0 ft³/s, many days, most years.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 77 ft³/s, May 21, gage height, 2.87 ft; minimum daily discharge, 5.5 ft³/s, May 4.

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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	---	---	---	---	---	---	---	---	57	26	56	47
2	---	---	---	---	---	---	---	---	58	24	56	47
3	---	---	---	---	---	---	---	---	57	22	56	47
4	---	---	---	---	---	---	---	5.5	55	21	56	47
5	---	---	---	---	---	---	---	17	57	17	54	47
6	---	---	---	---	---	---	---	19	57	16	52	47
7	---	---	---	---	---	---	---	20	57	16	51	47
8	---	---	---	---	---	---	---	19	57	15	50	47
9	---	---	---	---	---	---	---	17	55	15	50	47
10	---	---	---	---	---	---	---	17	54	14	46	47
11	---	---	---	---	---	---	---	17	54	14	47	47
12	---	---	---	---	---	---	---	21	57	14	46	47
13	---	---	---	---	---	---	---	22	57	38	46	47
14	---	---	---	---	---	---	---	22	57	54	46	47
15	---	---	---	---	---	---	---	25	59	53	47	47
16	---	---	---	---	---	---	---	25	60	52	47	46
17	---	---	---	---	---	---	---	25	58	49	47	45
18	---	---	---	---	---	---	---	26	48	45	47	45
19	---	---	---	---	---	---	---	37	46	44	47	45
20	---	---	---	---	---	---	---	23	47	45	47	45
21	---	---	---	---	---	---	---	47	47	44	46	44
22	---	---	---	---	---	---	---	63	31	44	47	45
23	---	---	---	---	---	---	---	53	19	45	47	44
24	---	---	---	---	---	---	---	55	20	45	47	44
25	---	---	---	---	---	---	---	56	20	45	47	43
26	---	---	---	---	---	---	---	56	19	44	47	43
27	---	---	---	---	---	---	---	54	18	50	46	44
28	---	---	---	---	---	---	---	55	16	56	47	44
29	---	---	---	---	---	---	---	55	22	58	47	42
30	---	---	---	---	---	---	---	55	26	57	48	20
31	---	---	---	---	---	---	---	57	---	57	48	---
Total	---	---	---	---	---	---	---	---	1,345	1,139	1,511	1,344
Mean	---	---	---	---	---	---	---	---	44.8	36.7	48.7	44.8
Max	---	---	---	---	---	---	---	---	60	58	56	47
Min	---	---	---	---	---	---	---	---	16	14	46	20
Ac-ft	---	---	---	---	---	---	---	---	2,670	2,260	3,000	2,670

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