

Water-Data Report 2007

06324940 HORSE CREEK AT MOUTH, NEAR WESTON, WY

 Powder Basin
 Little Powder Subbasin

LOCATION.--Lat 44°43'48.9", long 105°22'42.5" referenced to North American Datum of 1983, in NW ¼ SW ¼ SE ¼ sec.22, T.55 N., R.71 W., Campbell County, WY, Hydrologic Unit 10090208, at bridge on state highway 59 and 6.6 mi north of Weston.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--July 2004 to current year.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 2

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfiltrd field, std units (00400)	Specif-ic conduc-		Temper-ature, wat unf (00095) µS/cm 25 degC	Temper-ature, air, deg C (00020)	Temper-ature, water, deg C (00010)	Hard-ness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnes-ium, water, fltrd, mg/L (00925)	Sodium adsorp-tion ratio (00931)
							conduc-	tance, wat unf							
Oct 24...	1340	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov 29...	1430	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Dec 18...	1430	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan 23...	1515	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb 28...	0830	14	660	9.9	78	7.9	648	-1.5	.0	180	32.9	24.1	1.9		
Mar 15...	1800	2.7	675	10.7	99	8.1	1,590	9.0	6.5	460	81.2	62.9	3.5		
Apr 16...	1555	1.7	670	9.7	111	8.3	3,140	13.5	15.0	990	158	145	4.9		
May 16...	1435	9.1	672	7.5	94	8.1	3,100	22.0	19.5	1,000	127	166	4.8		
Jun 14...	1650	22	667	7.0	96	8.0	2,080	26.5	24.0	630	93.5	95.2	4.1		
Jul 17...	1535	.00	--	--	--	--	--	--	--	--	--	--	--	--	
Aug 16...	1420	.00	--	--	--	--	--	--	--	--	--	--	--	--	
Sep 11...	1315	.00	--	--	--	--	--	--	--	--	--	--	--	--	

06324940 HORSE CREEK AT MOUTH, NEAR WESTON, WY—Continued

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2006
TO SEPTEMBER 2007**

Part 2 of 2

Date	Residue	
	on evap.	Sodium, at water, 180degC filtrd, wat flt
	mg/L (00930)	mg/L (70300)
Oct		
24...	--	--
Nov		
29...	--	--
Dec		
18...	--	--
Jan		
23...	--	--
Feb		
28...	58.0	478
Mar		
15...	172	1,190
Apr		
16...	356	2,790
May		
16...	350	2,570
Jun		
14...	237	1,640
Jul		
17...	--	--
Aug		
16...	--	--
Sep		
11...	--	--