

Water-Data Report 2007

06324965 OLMSTEAD CREEK AT MOUTH, NEAR WESTON, WY

 Powder Basin
 Little Powder Subbasin

LOCATION.--Lat 44°55'09.6", long 105°22'11.9" referenced to North American Datum of 1983, in NE ¼ SW ¼ NW ¼ sec.23, T.57 N., R.71 W., Campbell County, WY, Hydrologic Unit 10090208, at bridge on state highway 59 and 19.5 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)
							wat unf	25 degC							
Oct 24...	1515	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov 29...	1350	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Dec 19...	1000	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan 23...	1640	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb 28...	1100	4.3	664	9.7	77	7.7	1,630	3.0	.5	410	84.2	49.2	3.7		
Mar 15...	1540	3.7	680	12.4	116	8.0	4,620	8.5	7.0	1,400	215	200	6.8		
Apr 16...	1505	1.0	674	7.7	86	8.0	6,280	13.5	14.0	1,800	334	244	8.7		
May 16...	1240	2.4	677	8.1	100	8.0	5,270	20.0	19.0	1,600	295	201	7.1		
Jun 14...	1415	4.4	672	6.5	89	7.9	5,060	25.0	24.0	1,300	247	172	7.6		
Jul 17...	1350	.01	672	6.7	95	7.6	7,090	34.0	25.5	2,200	381	307	9.0		
Aug 16...	1525	.00	--	--	--	--	--	--	--	--	--	--	--	--	
Sep 11...	1330	.00	--	--	--	--	--	--	--	--	--	--	--	--	

06324965 OLMSTEAD 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 fltrd, wat flt
	mg/L (00930)	mg/L (70300)
Oct		
24...	--	--
Nov		
29...	--	--
Dec		
19...	--	--
Jan		
23...	--	--
Feb		
28...	171	1,110
Mar		
15...	576	3,700
Apr		
16...	859	5,010
May		
16...	642	4,060
Jun		
14...	640	3,810
Jul		
17...	977	5,780
Aug		
16...	--	--
Sep		
11...	--	--