

## Water-Data Report 2007

**06317095 SPOTTED HORSE CREEK AT MOUTH, NEAR ARVADA, WY**

 Powder Basin  
 Upper Powder Subbasin

LOCATION.--Lat 44°50'48", long 106°02'59" referenced to North American Datum of 1983, in NE ¼ SW ¼ NE ¼ sec.7, T.56 N., R.76 W., Sheridan County, WY, Hydrologic Unit 10090202, at culvert on private road and 13.8 mi northeast of Arvada.

**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  
 [Remark codes: <, less than.]

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Disolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unf 25 degC μS/cm (00095)		Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium water, fltrd, mg/L (00925)	Sodium adsorption ratio (00931)
							water, unfltrd, std units (00400)	25 degC μS/cm (00095)						
Oct 25...	1215	<.003	664	11.5	110	8.6	1,840	11.5	7.0	61	9.65	8.90	25	
Nov 30...	1115	.00	--	--	--	--	--	--	--	--	--	--	--	
Dec 19...	1550	.00	--	--	--	--	--	--	--	--	--	--	--	
Jan 24...	1110	.00	--	--	--	--	--	--	--	--	--	--	--	
Mar 16...	1215	.00	--	--	--	--	--	--	--	--	--	--	--	
Apr 17...	1125	.00	--	--	--	--	--	--	--	--	--	--	--	
May 24...	1200	.98	671	10.4	124	8.3	6,040	17.0	16.5	2,200	258	382	8.7	
Jun 15...	1150	3.1	671	8.4	114	8.2	4,430	26.5	23.5	1,800	216	297	5.7	
Jul 18...	0930	.00	--	--	--	--	--	--	--	--	--	--	--	
Aug 17...	0950	.00	--	--	--	--	--	--	--	--	--	--	--	
Sep 12...	0935	.00	--	--	--	--	--	--	--	--	--	--	--	

**06317095 SPOTTED HORSE CREEK AT MOUTH, NEAR ARVADA, WY—Continued**

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

Part 2 of 2

[Remark codes: <, less than.]

Date	Residue on evap.	Sodium, at water, 180degC fltrd, wat flt mg/L (00930) mg/L (70300)
<b>Oct</b>		
25...	451	1,230
<b>Nov</b>		
30...	--	--
<b>Dec</b>		
19...	--	--
<b>Jan</b>		
24...	--	--
<b>Mar</b>		
16...	--	--
<b>Apr</b>		
17...	--	--
<b>May</b>		
24...	937	5,560
<b>Jun</b>		
15...	553	3,950
<b>Jul</b>		
18...	--	--
<b>Aug</b>		
17...	--	--
<b>Sep</b>		
12...	--	--