

## Water-Data Report 2007

**06317040 IVY CREEK AT MOUTH, NEAR ARVADA, WY**

 Powder Basin  
 Upper Powder Subbasin

LOCATION.--Lat 44°49'16", long 106°03'56" referenced to North American Datum of 1983, in NE ¼ NE ¼ NE ¼ sec.24, T.56 N., R.77 W., Sheridan County, WY, Hydrologic Unit 10090202, at culvert on private road and 11.9 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

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif-ic		Temper-ature, wat unf (00095) 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 (00095) 25 degC	conduc-tance, wat unf (00095) 25 degC							
Oct 25...	1155	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov 30...	1105	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Dec 19...	1530	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan 24...	1100	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 16...	1220	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Apr 17...	1120	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
May 24...	1120	.08	670	9.9	123	8.4	5,140	18.0	18.5	1,800	270	277	8.2		
Jun 15...	1115	.02	670	9.2	133	8.4	4,660	25.0	26.5	1,400	178	225	8.5		
Jul 18...	0935	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Aug 17...	1000	.00	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep 12...	0940	.00	--	--	--	--	--	--	--	--	--	--	--	--	--

**06317040 IVY CREEK AT MOUTH, NEAR ARVADA, 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)
<b>Oct</b>		
25...	--	--
<b>Nov</b>		
30...	--	--
<b>Dec</b>		
19...	--	--
<b>Jan</b>		
24...	--	--
<b>Mar</b>		
16...	--	--
<b>Apr</b>		
17...	--	--
<b>May</b>		
24...	806	4,600
<b>Jun</b>		
15...	722	4,000
<b>Jul</b>		
18...	--	--
<b>Aug</b>		
17...	--	--
<b>Sep</b>		
12...	--	--