



Water-Data Report 2009

06412250 VICTORIA CREEK BELOW VICTORIA DAM, NEAR RAPID CITY, SD

Cheyenne Basin
Rapid Subbasin

LOCATION.--Lat 44°01'05", long 103°23'07" referenced to North American Datum of 1927, in SW ¼ SE ¼ NW ¼ sec.27, T.1 N., R.6 E., Pennington County, SD, Hydrologic Unit 10120110, along right bank upstream of culverts 1,000 ft downstream from Victoria Dam, and about 3.5 mi southwest of Rapid City on National Forest Service Road 159. Elevation of gage is 4,160 ft above NGVD of 1929, from topographic map. METWARN station.

DRAINAGE AREA.--4.56 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1998-present.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 130 ft³/s, May 24, 2008, gage height, 6.73 ft.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jun 14, 2009	19.0	6	4.82	---

Discharge qualification code:

6 - Discharge affected by regulation or diversion

06412250 VICTORIA CREEK BELOW VICTORIA DAM, NEAR RAPID CITY, SD—Continued

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Time	Instan- taneous dis- charge, ft ³ /s (00061)	Specif- ic	Temper- ature, deg C (00020)	Temper- ature, deg C (00010)
			conduc- tance, wat unf μS/cm @ 25 degC (00095)		
Oct					
06...	1305	--	302	17.0	14.1
May					
06...	1405	--	218	22.0	11.1
Jun					
19...	1410	4.9	208	18.0	13.4
Sep					
04...	1000	--	291	24.0	17.0