



Water-Data Report 2012

05289985 BIG COULEE CREEK NEAR PEEVER, SD

Minnesota Basin
Upper Minnesota Subbasin

LOCATION.--Lat 45°29'14.9", long 96°57'29.1" referenced to North American Datum of 1927, in SW ¼ SW ¼ SW ¼ sec.29, T.124 N., R.50 W., Roberts County, SD, Hydrologic Unit 07020001, on right downstream side of county highway bridge, 1.5 mi downstream of I-29, 7.0 mi northeast of Wilmot, and 3.9 mi south of Peever.

DRAINAGE AREA.--12.1 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1987-2003 (continuous-record gaging station), 2004-present.

REVISED RECORDS.--WDR SD-01-1: 1989 (Mar.25 daily and maximum), 1991(P), 1993(P), 1995(P), 1997(M), 1998(Apr.26, May 12 daily and peaks), 1999(P).

GAGE.--Partial-record crest-stage gage. Elevation of gage is 1,240 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 550 ft³/s, Jul. 27, 2011, gage height 9.74 ft.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code	Peak gage height date	Peak gage height, in ft	Peak gage height qualification code
Apr 16, 2012	64	---	5.51	2	Mar 12, 2012	5.59	1

Gage height qualification code:

2 - Gage height not the maximum for the year

Peak gage height qualification code:

1 - Peak gage height affected by backwater

05289985 BIG COULEE CREEK NEAR PEEVER, SD—Continued

WATER-QUALITY RECORDS

WATER-QUALITY DATA

WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

[ft³/s, cubic feet per second; °C, degrees Celsius; μS/cm, microsiemens per centimeter]

Date	Sample start time	Discharge, instantaneous, ft ³ /s (00061)	Specific conductance, water, unfiltered, μS/cm at 25°C (00095)	Temperature, air, °C (00020)	Temperature, water, °C (00010)
04-16-2012	1440	38	964	8.0	7.0