



Water-Data Report 2013

**06406700 SPRING CREEK AT OREVILLE, NEAR HILL CITY, SD**

Cheyenne Basin  
Middle Cheyenne-Spring Subbasin

LOCATION.--Lat 43°51'58.51", long 103°37'24.94" referenced to North American Datum of 1927, in SE ¼ NW ¼ NE ¼ sec.22, T.2 S., R.4 E., Pennington County, SD, Hydrologic Unit 10120109, on left bank 75 ft downstream from Tenderfoot Creek near U.S. Highway 16/Alt 85 and about 5.5 mi southwest of Hill City.

DRAINAGE AREA.--42.4 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1998-present.

REVISED RECORDS.--WDR SD-10-1: Drainage area.

GAGE.--Seasonal water-stage recorder and crest-stage gage. Elevation of gage is 5,355 ft above NGVD of 1929, from topographic map. METWARN station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 430 ft<sup>3</sup>/s, Jun. 18, 1998, gage height, 8.23 ft.

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Date	Discharge, in ft <sup>3</sup> /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
Sep 6, 2013	27	---	4.81	2	Apr 22, 2013	5.73	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

**06406700 SPRING CREEK AT OREVILLE, NEAR HILL CITY, SD—Continued****WATER-QUALITY RECORDS****WATER-QUALITY DATA****WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

[ft<sup>3</sup>/s, cubic feet per second; °C, degrees Celsius; μS/cm, microsiemens per centimeter]

<b>Date</b>	<b>Sample start time</b>	<b>Discharge, instanta- neous, ft<sup>3</sup>/s (00061)</b>	<b>Specific conduc- tance, water, unfiltered, μS/cm at 25°C (00095)</b>	<b>Tempera- ture, air, °C (00020)</b>	<b>Tempera- ture, water, °C (00010)</b>
04-04-2013	1033	2.9	376	18.0	0.7