

06430898 CLEOPATRA CREEK NEAR SPEARFISH, SD

Belle Fourche Basin
Redwater Subbasin

LOCATION.--Lat 44°24'02.85", long 103°53'36.37" referenced to North American Datum of 1927, in NE ¼ NE ¼ sec.17, T.5 N., R.1 E., Lawrence County, SD, Hydrologic Unit 10120203, on right bank 200 ft upstream from mouth and 8.0 mi south of Spearfish.

DRAINAGE AREA.--7.32 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1989-1998 (continuous-record gaging station), 1999-present. Prior to October 2003, published as Squaw Creek near Spearfish, SD.

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

GAGE.--Partial-record crest-stage gage. Elevation of gage is 4,480 ft above NGVD of 1929, from topographic map .

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 860 ft³/s, May 8, 1995, gage height, 9.47 ft.

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

Date	Discharge, in ft³/s	Discharge qualification code	Gage height, in ft	Gage height qualification code
May 21, 2013	385	---	7.51	---

06430898 CLEOPATRA CREEK NEAR SPEARFISH, SD—Continued**WATER-QUALITY RECORDS****WATER-QUALITY DATA****WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**[ft³/s, cubic feet per second; °C, degrees Celsius; μS/cm, microsiemens per centimeter]

Date	Sample start time	Discharge, instanta- neous, ft³/s (00061)	Specific conduc- tance, water, unfiltered, μS/cm at 25°C (00095)	Tempera- ture, air, °C (00020)	Tempera- ture, water, °C (00010)
10-10-2012	0927	0.58	229	3.0	3.4
12-04-2012	1410	0.84	1,860	8.0	0.0
04-08-2013	1133	3.1	266	-1.0	2.2
05-16-2013	1123	3.5	1,390	19.0	10.5
06-27-2013	1234	3.2	263	27.0	16.3