

06402970 LAUGHING WATER CREEK AT CUSTER, SD

Cheyenne Basin
Middle Cheyenne-Spring Subbasin

LOCATION.--Lat 43°46'10", long 103°35'35" referenced to North American Datum of 1927, in SE ¼ SW ¼ sec.24, T.3 S., R.4 E., Custer County, SD, Hydrologic Unit 10120109, on upstream side of N.10th Street and Cook Street bridge in Custer, SD, and 0.3 mi upstream of confluence with French Creek.

DRAINAGE AREA.--5.70 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--2004-present.

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

GAGE.--Partial-record crest-stage gage. Elevation of gage is 5,320 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 96 ft³/s, May 30, 2011 (estimated), gage height, 20.10 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
Aug 12, 2013	20	2	19.32	1

Discharge qualification code:

2 - Discharge is an estimate

Gage height qualification code:

1 - Gage height affected by backwater

06402970 LAUGHING WATER CREEK AT CUSTER, 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)
04-29-2013	0929	0.26	759	15.0	5.4