

06438800 ELM CREEK NEAR RED OWL, SD

Cheyenne Basin
Cherry Subbasin

LOCATION.--Lat 44°45'04", long 102°26'55" referenced to North American Datum of 1927, in NW ¼ SW ¼ SW ¼ sec.8, T.9 N., R.14 E., Meade County, SD, Hydrologic Unit 10120113, on Fox Ridge Road, 6.2 mi northeast of Red Owl and 1.2 mi southwest of the confluence of Elm Creek and Sulphur Creek.

DRAINAGE AREA.--20.9 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1999-present.

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

GAGE.--Partial-record crest-stage gage. Elevation of gage is 2,455 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 315 ft³/s, May 21, 2011, gage height, 8.65 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 28, 2013	0.41	---	1.78	---

06438800 ELM CREEK NEAR RED OWL, 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)
04-05-2013	1133	0.14	3,230	11.0	7.3