

06480702 BIG SIOUX RIVER AT EGAN, SD

Big Sioux Basin
Lower Big Sioux Subbasin

LOCATION.--Lat 43°59'54", long 96°38'19" referenced to North American Datum of 1927, in SE ¼ NE ¼ SW ¼ sec.7, T.106 N., R.48 W., Moody County, SD, Hydrologic Unit 10170203, on right bank on downstream side of iron truss bridge, 1.0 mi downstream of State Highway 34, and 0.5 mi east of junction of 2nd Street and State Highway 34 in the City of Egan.

DRAINAGE AREA.--3,654 mi² of which 869 mi² probably is noncontributing.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--2008-present.

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

GAGE.--Partial-record crest-stage gage. Elevation of gage is 1,515 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17,500 ft³/s (estimated), Sept. 25, 2010, gage height, 18.74 ft (backwater).

**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
Jul 1, 2013	2,780	---	11.31	---

06480702 BIG SIOUX RIVER AT EGAN, 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)
05-01-2013	1405	1,470	790	7.5	9.5
05-07-2013	1545	880	824	26.5	14.0