

**06442670 COUNSELOR CREEK NEAR LOWER BRULE, SD**

Fort Randall Reservoir Basin  
Fort Randall Reservoir Subbasin

LOCATION.--Lat 44°01'34.3", long 99°30'59.1" referenced to North American Datum of 1927, in SE ¼ NE ¼ SW ¼ sec.31, T.107 N., R.72 W., Lyman County, SD, Hydrologic Unit 10140101, on left bank 1,260 ft upstream from highway BIA 10 bridge, 4.4 mi southeast of Lower Brule, and 11.0 mi northeast of Reliance.

DRAINAGE AREA.--34.3 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--2002-present.

REVISED RECORDS.--WDR SD-09-1: 2002(M). WDR SD-10-1: Drainage area.

GAGE.--Partial-record crest-stage gage. Elevation of gage is 1,440 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,400 ft<sup>3</sup>/s (on basis of 4-section slope area measurement of peak flow), Jun. 5, 2008, gage height, 18.18 ft; maximum gage height, 18.30 ft, Jun. 21, 2011 (backwater).

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

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>	<b>Discharge qualification code</b>	<b>Gage height, in ft</b>	<b>Gage height qualification code</b>
Jul 28, 2013	163	---	8.84	---

**06442670 COUNSELOR CREEK NEAR LOWER BRULE, 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>
04-08-2013	1141	0.25	4,060	6.0	7.6