

**06479000 VERMILLION RIVER NEAR WAKONDA, SD**

Lewis and Clark Lake Basin  
Vermillion Subbasin

LOCATION.--Lat 42°59'25.1", long 96°57'48" referenced to North American Datum of 1927, in SW ¼ NW ¼ sec.2, T.94 N., R.52 W., Clay County, SD, Hydrologic Unit 10170102, at right downstream wingwall of State Highway 19, 4.3 mi downstream from Frog Creek, 7.4 mi southeast of Wakonda, and 29.6 mi upstream from mouth.

DRAINAGE AREA.--2,120 mi<sup>2</sup> of which 478 mi<sup>2</sup> probably is noncontributing.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1946-1983 (continuous-record gaging station), 1984-present.

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

GAGE.--Partial-record crest-stage gage. Datum of gage is 1,150.9 ft above NGVD of 1929 (levels by Corps of Engineers).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20,000 ft<sup>3</sup>/s, Mar. 17, 2010, gage height, 17.60 ft (from floodmark); maximum gage height, 17.62 ft, Jun. 23, 1984 (from floodmark).

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

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
May 30, 2013	3,120	5	15.69	---

Discharge qualification code:

5 - Discharge affected to unknown degree by regulation or diversion

**06479000 VERMILLION RIVER NEAR WAKONDA, 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>
05-29-2013	0945	2,650	642	23.0	18.5