

**06464120 SAND CREEK NEAR OLSONVILLE, SD**

Niobrara Basin  
Keya Paha Subbasin

LOCATION.--Lat 43°01'03.1", long 100°24'46.7" referenced to North American Datum of 1927, in SW ¼ SW ¼ SW ¼ sec.8, T.35 N., R.26 W., Todd County, SD, Hydrologic Unit 10150006, on left bank 40 ft downstream of county road culvert, approximately 23.5 mi upstream from confluence with Keya Paha River, 2.5 mi southeast of Littleburg, and 12.2 mi southeast of Olsonville.

DRAINAGE AREA.--10.9 mi<sup>2</sup>.

**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 2,575 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 250 ft<sup>3</sup>/s (from significant rating curve extension), Apr. 25, 2001 (month or date of occurrence is unknown or not exact), gage height, 8.16 ft; maximum gage height, 8.20 ft, Mar. 4, 2009 (backwater from ice).

**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>
Jun 22, 2013	35	---	7.30	---

**06464120 SAND CREEK NEAR OLSONVILLE, 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>
04-03-2013	1450	0.10	516	19.0	14.1
05-20-2013	1347	8.4	689	15.0	17.5