

06479640 HIDEWOOD CREEK NEAR ESTELLINE, SD

Big Sioux Basin
Upper Big Sioux Subbasin

LOCATION.--Lat 44°37'50", long 96°53'26" referenced to North American Datum of 1927, in NE ¼ NW ¼ NE ¼ sec.1, T.113 N., R.51 W., Hamlin County, SD, Hydrologic Unit 10170202, at left downstream wingwall, 4.0 mi north and 0.7 mi east of Estelline, 3.0 mi east of Dempster, and 6.7 mi upstream from mouth.

DRAINAGE AREA.--161 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1969-1985 (continuous-record gaging station), 1990-present.

GAGE.--Partial-record crest-stage gage. Prior to July 2010 at site 2.0 mi downstream at same datum. Elevation of gage is 1,683.60 ft above NGVD of 1929, by barometer.

REMARKS.--Peak gage height from floodmark.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 17,300 ft³/s (determined by flow over road and contracted opening methods), Jun. 16, 1992, gage height, 13.10 ft (from floodmark, at previous gage location 2.0 miles downstream); maximum gage height, 15.34 ft, Mar. 20, 2011 (backwater from ice, at present site and same datum).

**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
Jun 23, 2013	4,400	---	16.83	---

06479640 HIDEWOOD CREEK NEAR ESTELLINE, 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, instantaneous, ft ³ /s (00061)	Specific conductance, water, unfiltered, μS/cm at 25°C (00095)	Temperature, air, °C (00020)	Temperature, water, °C (00010)
04-03-2013	0854	26	628	1.0	0.0
06-23-2013	1126	4,250	292	25.0	17.5