

06475600 TURTON TRIBUTARY SOUTH NEAR TURTON, SD

James Basin
Middle James Subbasin

LOCATION.--Lat 45°03'07", long 97°59'38" referenced to North American Datum of 1927, in NE ¼ NE ¼ NW ¼ sec.12, T.118 N., R.60 W., Spink County, SD, Hydrologic Unit 10160006, on right downstream wingwall of highway bridge, 10.0 mi north of southwest corner of Raymond, then 2.5 mi west.

DRAINAGE AREA.--50.0 mi² of which 31.6 mi² probably is noncontributing.

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 1,400 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 133 ft³/s, Apr. 7, 2006, gage height, 5.43 ft; maximum gage height, 5.89 ft, Mar. 23, 2011 (backwater from ice).

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

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code	Peak gage height date	Peak gage height, in ft	Peak gage height qualification code
Jun 24, 2013	28	---	4.69	2	Apr 3, 2013	5.63	1

Gage height qualification code:

2 - Gage height not the maximum for the year

Peak gage height qualification code:

1 - Peak gage height affected by backwater

06475600 TURTON TRIBUTARY SOUTH NEAR TURTON, 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, ft³/s (00061)	Specific conductance, water, unfiltered, μS/cm at 25°C (00095)	Temperature, air, °C (00020)	Temperature, water, °C (00010)
04-03-2013	1715	11	716	15.0	5.0