

06474000 TURTLE CREEK NEAR TULARE, SD

James Basin
Turtle Subbasin

LOCATION.--Lat 44°44'06", long 98°35'09" referenced to North American Datum of 1927, in SE ¼ SE ¼ sec.25, T.115 N., R.65 W., Spink County, SD, Hydrologic Unit 10160009, on right bank 200 ft upstream from highway bridge, 3.9 mi west of Tulare, and 8.9 mi downstream from Wolf Creek.

DRAINAGE AREA.--1,121 mi² of which 9 mi² probably is noncontributing.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1954-1956, 1966-1981, 1985-1989 (continuous-record gaging station), 1990-present.

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

GAGE.--Partial-record crest-stage gage. Elevation of gage is 1,300 ft above NGVD of 1929, by barometer.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 13,500 ft³/s, Mar. 28, 1997, gage height, 18.80 ft; maximum gage height, 19.32 ft, Mar. 26, 1997 (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
Jun 23, 2013	481	---	7.39	---

06474000 TURTLE CREEK NEAR TULARE, 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)
04-25-2013	0853	6.7	1,000	3.5	0.0
05-30-2013	0815	303	835	17.5	19.5