

06440300 UNNAMED TRIBUTARY COTTONWOOD CREEK NEAR QUINN, SD

Fort Randall Reservoir Basin
Bad Subbasin

LOCATION.--Lat 43°57'37.9", long 102°08'17.4" referenced to North American Datum of 1927, in NW ¼ SW ¼ NW ¼ sec.18, T.1 S., R.17 E., Pennington County, SD, Hydrologic Unit 10140102, on left downstream wingwall of bridge, located 0.5 mi west of Quinn on Highway 14, and 1.8 mi south on county road T152.

DRAINAGE AREA.--9.66 mi².

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 2,600 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 601 ft³/s, Jun. 6, 2008, gage height, 13.16 ft.

**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
May 19, 2013	74	---	9.64	---

06440300 UNNAMED TRIBUTARY COTTONWOOD CREEK NEAR QUINN, 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, instanta- neous, ft³/s (00061)	Specific conduc- tance, water, unfiltered, μS/cm at 25°C (00095)	Tempera- ture, air, °C (00020)	Tempera- ture, water, °C (00010)
04-25-2013	1056	1.6	333	17.5	6.5
06-03-2013	1055	0.22	420	22.0	17.8