

06446100 WOUNDED KNEE CREEK AT WOUNDED KNEE, SD

White Basin
Upper White Subbasin

LOCATION.--Lat 43°08'36.7", long 102°21'28.6" referenced to North American Datum of 1927, in NE ¼ NW ¼ sec.36, T.37 N., R.43 W., Shannon County, SD, Hydrologic Unit 10140201, at downstream end of concrete box culvert.

DRAINAGE AREA.--73.5 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1993-1997 (continuous-record gaging station), 1998-present.

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

GAGE.--Partial-record crest-stage gage. Elevation of gage is 3,200 ft above NGVD of 1929, from topographic map. Prior to Dec. 16, 2010 at site 300 ft upstream at same datum.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 321 ft³/s, Jun. 3, 1997, gage height, 9.13 ft (from floodmark) at a different location.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

| Date | Discharge, in ft³/s | Discharge qualification code | Gage height, in ft | Gage height qualification code |
|-------------|---|---|-------------------------------|---|
| Feb 5, 2012 | 25 | 2 | 3.06 | 1 |

Discharge qualification code:

2 - Discharge is an estimate

Gage height qualification code:

1 - Gage height affected by backwater

06446100 WOUNDED KNEE CREEK AT WOUNDED KNEE, SD—Continued**WATER-QUALITY RECORDS****WATER-QUALITY DATA****WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**[ft³/s, cubic feet per second; °C, degrees Celsius; μS/cm, microsiemens per centimeter; E, estimated]

| Date | Sample start time | Discharge, instanta- neous, ft³/s (00061) | Specific conduc- tance, water, unfiltered, μS/cm at 25°C (00095) | Tempera- ture, water, °C (00010) |
|-------------|------------------------------|---|---|---|
| 10-07-2011 | 1015 | E .30 | 398 | 12.3 |