



Water-Data Report 2008

06433500 HAY CREEK AT BELLE FOURCHE, SD

Belle Fourche Basin
Redwater Subbasin

LOCATION.--Lat 44°40'01", long 103°50'46" referenced to North American Datum of 1927, Butte County, SD, Hydrologic Unit 10120203, in NW¼ SW¼ sec. 11, T.8N., R.2E., on right bank at intersection of Tenth Avenue and Jackson Street in Belle Fourche, 0.5 mi upstream from mouth.

DRAINAGE AREA.--121 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1953-1996 (continuous-record gaging station)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,280 ft³/s, May 9, 1995, gage height 10.23 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 1,400 ft³/s, June 6, 2008, from rating curve extended above 971 ft³/s, gage height 10.50 ft (from floodmark).

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jun 6, 2008	1,400	7	10.50	---

Discharge qualification code:

7 - Discharge is a historic peak