



Water-Data Report 2013

05049000 MUSTINKA RIVER ABOVE WHEATON, MN

Upper Red Basin
Mustinka Subbasin

LOCATION.--Lat 45°49'15", long 96°29'25" referenced to North American Datum of 1927, in SW ¼ sec.8, T.127 N., R.46 W., Traverse County, MN, Hydrologic Unit 09020102, at bridge on U.S. Highway 75, 1.2 miles north of junction with Highway 27, 0.5 mile north of Wheaton and 8 miles above Lake Traverse.

DRAINAGE AREA.--810 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1915 to 1924 and 1930 to 1958, October 2006 to September 2007, (daily-discharge record). Operated as high-flow, partial record station, 1985 to 2006, 2008 to current year.

REVISED RECORDS.--Unpublished, 2009: 1922(M).

GAGE.--Recording gage. Prior to 2002 at datum 73.77 ft lower.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 11,000 ft³/s, Apr. 9, 2001, gage height, 94.45 ft; maximum gage height, 97.40 ft, Apr. 7, 1997.

**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
Apr 24, 2013	2,020	---	85.70	2	Apr 18, 2013	88.08	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