

Water-Data Report 2009

05336200 GLAISBY BROOK NEAR KETTLE RIVER, MN

St. Croix Basin Kettle Subbasin

LOCATION.--Lat 46°27′19″, long 92°51′34″ referenced to North American Datum of 1927, in SE ¼ NW ¼ sec.22, T.4 6., R.2 0., Carlton County, MN, Hydrologic Unit 07030003, on left bank 20 ft upstream from Bridge 2468 on State Highways 27 and 73, 1 mile upstream from mouth, and 2.4 miles south of Kettle River.

DRAINAGE AREA .-- 27.0 mi2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--1960-70, (continuous record gaging station); 1971-current year, (high-flow partial record gaging station)

GAGE.--Non-recording gage.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,370 cfs, gage height, 10.18 ft.

MAXIMUM PEAK DISCHARGE WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

| Date | Discharge, in ft³/s | Discharge qualification code | Gage height, in ft | Gage height qualification code |
|--------------|------------------------|------------------------------------|-----------------------|--------------------------------------|
| Mar 26, 2009 | 230 | 2 | 6.08 | 1 |

Discharge qualification code:

2 - Discharge is an estimate

Gage height qualification code:

1 - Gage height affected by backwater