



Water-Data Report 2009

**05448000 MILL CREEK AT MILAN, IL**

Rock Basin  
Lower Rock Subbasin

LOCATION.--Lat 41°26'32", long 90°33'21" referenced to North American Datum of 1927, in NW ¼ NE ¼ sec.25, T.17 N., R.2 W., Rock Island County, IL, Hydrologic Unit 07090005, on right bank 100 ft. upstream from Knoxville Road Bridge, 1 mi southeast of Milan, and at mile 1.2.

DRAINAGE AREA.--62.4 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.—

SURFACE-WATER DISCHARGE AND STAGE

DISCHARGE: October 1939 to September 1940 (fragmentary), July 1941 to September 1986. Seven-month period (March to September), water years 1987-89. March 1989 to Sept. 2008.

STAGE: Water years 1999-2008.

PARTIAL RECORD: Miscellaneous discharge measurement, water year 2009.

REVISED RECORDS.--WSP 1308: 1940(M), 1943(M). WDR IL-72-1: Drainage area.

GAGE.--Water-stage recorder, phone telemeter, and crest-stage gage. Datum of gage is 565.23 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers) (565.01 ft NAVD 1988). Prior to Oct. 1, 1987, at datum 1.00 ft higher. Prior to Apr. 5, 1940, non recording gage at site 300 ft upstream. Oct. 1939 to Nov. 15, 1984, recording gage at site 400 ft. upstream.

REMARKS.—Occasional pumpage of about 3-6 ft<sup>3</sup>/s from quarry into creek upstream from gage.

EXTREMES FOR PERIOD OF RECORD.--

SURFACE-WATER DISCHARGE AND STAGE: Maximum discharge, 9,300 ft<sup>3</sup>/s, April 22, 1973, gage height, 12.65 ft, present datum; maximum gage-height, 15.52 ft, March 2, 2008, due to ice jam, discharge 2,200 ft<sup>3</sup>/s, estimated; no flow at times in several years.

EXTREMES OUTSIDE PERIOD OF RECORD.--

SURFACE-WATER DISCHARGE AND STAGE: Flood of June 1936 reached a stage of 7.4 ft, from information by local residents, and an estimated discharge of 4,500 ft<sup>3</sup>/s.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

| Date        | Discharge,<br>in ft <sup>3</sup> /s | Gage height,<br>in ft |
|-------------|-------------------------------------|-----------------------|
| Nov 4, 2008 | 23.6                                | 2.06                  |