



Water-Data Report 2011

05557500 EAST BUREAU CREEK NEAR BUREAU, IL

Lower Illinois Basin
Lower Illinois-Senachwine Lake Subbasin

LOCATION.--Lat 41°20'05", long 89°22'55" referenced to North American Datum of 1983, in NW ¼ NE ¼ sec.31, T.16 N., R.10 E., Bureau County, IL, Hydrologic Unit 07130001, on left bank at downstream side of bridge on County Road, 1300 N, 0.5 mi. downstream from Brush Creek, 2.5 mi. upstream from mouth, and 3.5 mi. north of Bureau.

DRAINAGE AREA.--99.0 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.—

SURFACE-WATER DISCHARGE AND STAGE

DISCHARGE: March 1936 to September 1966.

PARTIAL RECORD: Annual maximum, water years 1967 to current.

GAGE.--Crest-stage gage. Datum of gage is 484.45 ft above NGVD of 1929 (levels by Corps of Engineers) (484.21 ft NAVD 1988). Prior to October 1, 1939, nonrecording gage at same site at datum 30.00 ft lower. October 1, 1939 to April 9, 1941, nonrecording gage at same site and datum.

EXTREMES FOR PERIOD OF RECORD.—

SURFACE-WATER DISCHARGE AND STAGE:Maximum discharge, 9,260 ft³/s, February 21, 1997, gage height, 17.09 ft; maximum gage height, 17.39 ft, January 24, 1938, present datum, discharge, 6,200 ft³/s, from rating curve extended above 2,300 ft³/s; no flow for several days in most years.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
May 31, 2011	4,660	---	14.61	---