



Water-Data Report 2011

**01393890 EAST BRANCH RAHWAY RIVER AT MAPLEWOOD, NJ**

RAHWAY RIVER BASIN

LOCATION.--Lat 40°44'05", long 74°16'14" referenced to North American Datum of 1983, Maplewood Township, Essex County, NJ, Hydrologic Unit 02030104, on downstream right wingwall of bridge on Jefferson Avenue in Maplewood, 1,100 ft west of Fielding School, and 2.5 mi upstream of confluence of West Branch Rahway River and East Branch Rahway River.

DRAINAGE AREA.--5.11 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Annual maximum, water years 1971, 1998 to current year. Occasional low-flow measurements, water years 2000 to 2006.

REVISED RECORDS.--WDR-US-08: 1971(M), 1998(M), 1999(M), 2000(M).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 114.60 ft above NGVD of 1929.

REMARKS.--Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,470 ft<sup>3</sup>/s, Sep 16, 1999, gage height, 10.08 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 2,340 ft<sup>3</sup>/s, Aug 28 at 0830, gage height, 8.62 ft.

**DISCHARGE MEASUREMENTS**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>
Aug 3, 2011	2.99