



Water-Data Report 2006

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 River and East Branch Rahway River.

DRAINAGE AREA.--5.11 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual maximum, water years 1998 to current year. Miscellaneous and occasional low-flow measurements, water years 2000 to current year.

GAGE.--Crest-stage gage. Datum of gage is 114.60 ft above NGVD of 1929.

REMARKS.--Radio stage telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,470 ft³/s, Sep 16, 1999, gage height, 10.08 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 808 ft³/s, Jul 21 at 1815, gage height, 5.81 ft.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Discharge, in ft³/s
May 12, 2006	8.76
Aug 9, 2006	5.79
Aug 22, 2006	3.07