



Water-Data Report 2010

01394000 WEST BRANCH RAHWAY RIVER AT MILLBURN, NJ

RAHWAY RIVER BASIN

LOCATION.--Lat 40°43'54", long 74°18'27" referenced to North American Datum of 1983, Millburn Township, Essex County, NJ, Hydrologic Unit 02030104, on right bank 100 ft upstream from Diamond Mill Pond Dam, 1,000 ft upstream from Glen Avenue in Millburn, and 1.9 mi upstream from confluence with East Branch.

DRAINAGE AREA.--7.10 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record gaging station, water years 1940-50. Annual maximum, water years 1973, 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is 173.65 ft above NGVD of 1929.

REMARKS.--Satellite telemetry at station. Flow regulated by Orange Reservoir 2.5 mi upstream and several small ponds.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,840 ft³/s, Sep 16, 1999, gage height, 5.2 ft (from high-water mark).

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 1,610 ft³/s, Mar 30, gage height, 3.79 ft, although a higher peak may have occurred on Mar 13 during a period of missing record.

DISCHARGE MEASUREMENTS WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Date	Discharge, in ft ³ /s
Jun 29, 2010	1.43