

01402540 MILLSTONE RIVER AT WESTON, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°31'47", long 74°35'18" referenced to North American Datum of 1983, Manville Borough, Somerset County, NJ, Hydrologic Unit 02030105, at downstream center pier on bridge on Wilhouski Street (Manville Causeway) over bypass channel at Weston, in Manville, 0.8 mi south of Alma White College, 1.5 mi upstream of confluence with Raritan River, and 1.9 mi north of Millstone. Station is approximately 1.5 mi upstream of confluence with Raritan River.

DRAINAGE AREA.--271 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 1997, 1999 to current year.

GAGE.--Water-stage recorder. Datum of gage is 21.9 ft above NGVD of 1929.

REMARKS.--Under some flow conditions, gage is affected by backwater from Raritan River. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 23.21 ft, Sep 17, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 17.83 ft, Mar 14 at 1030.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

| Date | Discharge, in ft³/s |
|--------------|---|
| Jun 14, 2010 | 184 |