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 mi^2.

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. Diurnal fluctuations in gage height possibly due to flow pattern in sewage effluent that enter the river upstream of gage.

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

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 22.90 ft, Aug 28 at 1915.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 01402540, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/01402540.2011.pdf