

**01403200 MIDDLE BROOK AT BOUND BROOK, NJ**

RARITAN RIVER BASIN

LOCATION.--Lat 40°33'39", long 74°32'56" referenced to North American Datum of 1983, Bound Brook Borough, Somerset County, NJ, Hydrologic Unit 02030105, on downstream right wingwall of bridge on Talmadge Avenue (County Route 533) at Bound Brook, 0.6 mi downstream from bridge on State Route 28, and 0.5 mi upstream from mouth.

DRAINAGE AREA.--17.2 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Miscellaneous measurements, water years 1955, 1975, 1982-83, 1985-87, 1991 to current year. Annual maximum, water years 1993-2007, June 2010 to current year.

REVISED RECORDS.--WDR US-2011: Datum of gage.

GAGE.--Water-stage and precipitation recorder and crest-stage gage. Datum of gage is 20.47 ft above NAVD of 1988.

REMARKS.--Peak stages at this gage maybe affected by backwater from the Raritan River. Satellite telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 19.76 ft (due to backwater from Raritan River), Sep 17, 1999.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 19.55 ft (due to backwater from Raritan River), Aug 28 at 1930.

REVISIONS.--The datum of the gage for water years 1994-2011 has been revised from 21.53 ft above NGVD of 1929 to 21.39 ft above NGVD of 1929. Data published for water year 1993 can be adjusted to NAVD of 1988 by subtracting 1.57 ft. Data published for water years 1994-2011 can be adjusted to NAVD of 1988 by subtracting 1.06 ft.

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

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>
Oct 4, 2010	8.61
Mar 24, 2011	82.8
Jul 6, 2011	6.78
Sep 19, 2011	12.5
Sep 29, 2011	46.9