01401600 BEDEN BROOK NEAR ROCKY HILL, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°24′52″, long 74°39′01″ referenced to North American Datum of 1983, Montgomery Township, Somerset County, NJ, Hydrologic Unit 02030105, on downstream right wingwall of bridge on U.S. Route 206, 0.7 mi upstream from Pike Run, 1.2 mi northwest of Rocky Hill, and 4.6 mi north of Princeton.

DRAINAGE AREA.--27.0 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 1967 to current year.

REVISED RECORDS.--WDR-US-08: 1985(M).

GAGE.--Crest-stage gage. Datum of gage is 38.09 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 15,300 ft^3/s, Sep 16, 1999, gage height, 18.61 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 3,700 ft^3/s, Mar 8, gage height, 9.80 ft.

REVISIONS.--The annual peak discharge and gage height for water year 1985 published in water data report for that year was for station 01401595 and has been corrected to 1,530 ft^3/s, Feb 13, 1985, gage height 7.19 ft.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Discharge, in ft^3/s
Oct 11, 2007 at 0945 hrs	1.94
Oct 11, 2007 at 1050 hrs	2.09
Jul 24, 2008	131