Water-Data Report 2008

01403500 GREEN BROOK AT PLAINFIELD, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°36′54″, long 74°25′54″ referenced to North American Datum of 1983, North Plainfield Boro., Somerset County, NJ, Hydrologic Unit 02030105, on downstream left wingwall of bridge on Sycamore Avenue in Plainfield and 1.0 mi upstream from Stony Brook.

DRAINAGE AREA.--9.75 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record gaging station, water years 1938-84. Annual maximum, water years 1985 to current year.

GAGE.--Crest-stage gage. Datum of gage is 70.37 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,890 ft^3/s, Jul 23, 1938, gage height, 5.82 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 1,040 ft^3/s, Sep 5, gage height, 3.98 ft.

DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Date	Discharge, in ft^3/s
Oct 22, 2007	1.28