Water-Data Report 2008

01403535 EAST BRANCH STONY BROOK AT BEST LAKE, AT WATCHUNG, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°38′24″, long 74°26′52″ referenced to North American Datum of 1983, Watchung Borough, Somerset County, NJ, Hydrologic Unit 02030105, 700 ft upstream from dam on Best Lake in Watchung, 1,400 ft upstream from mouth, and 1.4 mi west of Plainfield.

DRAINAGE AREA.--1.57 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual maximum, water years 1973, 2001 to current year. Continuous-record gaging station, water years 1980-2000.

GAGE.--Crest-stage gage. Datum of gage is 193.87 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,840 ft^3/s, Aug 2, 1973, gage height, 5.90 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 231 ft^3/s, Sep 6, gage height, 2.05 ft.