

Water-Data Report 2006

01401595 ROCK BROOK NEAR BLAWENBURG, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°24'47", long 74°41'04" referenced to North American Datum of 1983, Montgomery Township, Somerset County, NJ, Hydrologic Unit 02030105, on downstream left wingwall of bridge on Burnt Hill Road, 0.7 mi upstream from mouth, 1.0 mi northeast of Blawenburg, and 2.8 mi northwest of Rocky Hill.

DRAINAGE AREA.--9.03 mi².

SURFACE-WATER RECORDS

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

GAGE.--Crest-stage gage. Datum of gage is 63.45 ft above NGVD of 1929.

REMARKS.--Bridge and crest-stage gage were replaced in 1998-99.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 4,530 ft³/s, Aug 28, 1971, gage height, 10.00 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 1,800 ft³/s (estimated due to backwater from debris), Oct 9, gage height, 6.93 ft.