



Water-Data Report 2007

**01378690 PASSAIC RIVER NEAR BERNARDSVILLE, NJ**

PASSAIC RIVER BASIN

LOCATION.--Lat 40°44'01", long 74°32'24" referenced to North American Datum of 1983, Bernards Township, Somerset County, NJ, Hydrologic Unit 02030103, on downstream right wingwall of bridge on U.S. Route 202, 1.8 mi northeast of Bernardsville, and 3.0 mi upstream from Great Brook.

DRAINAGE AREA.--8.83 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Continuous-record gaging station, water years 1968-76. Annual maximum, water years 1977 to current year.

REVISED RECORDS.--WDR US-2006: 1997(M), 1998(M), 1999(M), 2000(M), 2001(M), 2002(M), 2003(M), 2004(M), 2005(M).

GAGE.--Crest-stage gage. Datum of gage is 238.07 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,850 ft<sup>3</sup>/s, Aug 28, 1971, gage height, 18.56 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 1,200 ft<sup>3</sup>/s, Mar 2, gage height, 15.04 ft.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

<b>Date</b>	<b>Discharge, in ft<sup>3</sup>/s</b>
Nov 8, 2006	600