



Water-Data Report 2010

## 01387485 MASONICUS BROOK AT RAMSEY, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 41°04'32", long 74°08'25" referenced to North American Datum of 1983, Ramsey Borough, Bergen County, NJ, Hydrologic Unit 02030103, on left upstream bank of culvert on Spring Street in Ramsey, 1.2 mi southeast of Winters Pond, 1.3 mi north of Ramsey, and 2.9 mi upstream of mouth.

DRAINAGE AREA.--0.78 mi<sup>2</sup>.

### SURFACE-WATER RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1981-82. Annual maximum, water years 2001-2010 (discontinued).

REVISED RECORDS.--WDR US-2009: 2003(M), 2004(M). WDR US-2010: 2001(M), 2006(M).

GAGE.--Crest-stage gage. Datum of gage is 340 ft above NAVD of 1988, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, estimated at 350 ft<sup>3</sup>/s (revised), Jun 23, 2001, gage height, 7.48 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 183 ft<sup>3</sup>/s, Aug 22, gage height, 6.23 ft.

REVISIONS.--Peak discharge for the annual maximum for the 2001 and 2006 water years have been estimated (previously not determined) as shown in the following table. These values supersede the undetermined peak discharge published in their respective annual water data reports.

<b>Water Year</b>	<b>Date</b>	<b>Discharge (ft<sup>3</sup>/s)</b>	<b>Gage height (ft)</b>
2001	Jun 23, 2001	e350	7.48
2006	Oct 8, 2005	e290	7.10

e Estimated.