



Water-Data Report 2009

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 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Occasional low-flow measurements, water years 1981-82. Annual maximum, water years 2001 to current year.

REVISED RECORDS.--WDR US-2009: 2003(M), 2004(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, not determined, Jun 23, 2001, gage height, 7.48 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 85 ft³/s, Aug 2, gage height, 5.25 ft.

REVISIONS.--Peak discharge for the annual maximum for the 2003-2004 water years have been determined (previously not determined) as shown in the following table. These values supersede the undetermined peak discharge published in their respective annual water data reports.

Water Year	Date	Discharge (ft³/s)	Gage Height (ft)
2003	Sep 28, 2003	117	5.62
2004	Sep 18, 2004	174	6.16