



Water-Data Report 2010

01400950 HART BROOK NEAR PENNINGTON, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°19'18", long 74°45'35" referenced to North American Datum of 1983, Hopewell Township, Mercer County, NJ, Hydrologic Unit 02030105, on upstream right wingwall at culvert on Federal City Road, 1.6 mi upstream of mouth, and 1.7 mi southeast of Pennington.

DRAINAGE AREA.--0.57 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 1968 to 2010 (discontinued).

REVISED RECORDS.--WDR-US-2008: 1971(M), 1987(M).

GAGE.--Crest-stage gage. Datum of gage after July 1, 1975 is 163.32 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 405 ft³/s (estimated), Aug 22, 2009, gage height, 6.70 ft

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 106 ft³/s, Dec 9, gage height, 3.16 ft.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Discharge, in ft³/s
Oct 22, 2009	0.15
Dec 9, 2009 at 1206	31.5
Dec 9, 2009 at 1359	14.4
Mar 30, 2010	45.9
Sep 20, 2010	0