



Water-Data Report 2010

01400930 BALDWINS CREEK AT PENNINGTON, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°20'18", long 74°47'49" referenced to North American Datum of 1983, Hopewell Township, Mercer County, NJ, Hydrologic Unit 02030105, on upstream left wingwall of culvert on State Route 31, 0.8 mi north of Pennington, and 0.9 mi upstream from Baldwin Lake dam.

DRAINAGE AREA.--1.99 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 1960 to 2010 (discontinued).

GAGE.--Crest-stage gage. Datum of gage is 161.69 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,430 ft³/s, Sep 16, 1999, gage height, 8.95 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 500 ft³/s, Oct 24, gage height, 5.77 ft.

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

Date	Discharge, in ft³/s
Oct 22, 2009	0.81
Dec 9, 2009	46.0
Mar 30, 2010	107
Sep 20, 2010	0