



Water-Data Report 2010

01389802 PASSAIC RIVER AT PASSAIC (GREAT) FALLS, AT PATERSON, NJ

PASSAIC RIVER BASIN

LOCATION.--Lat 40°54'57", long 74°10'54" referenced to North American Datum of 1983, Paterson City, Passaic County, NJ, Hydrologic Unit 02030103, on right bank 80 ft upstream of Society for Establishing Useful Manufactures (S.U.M.) dam, 300 ft upstream from Passaic Falls (Great Falls) in Paterson, and 1.5 mi downstream of Peckman River.

DRAINAGE AREA.--779 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, water years 1987-89, 1991-95, 1997-99, 2001-02, and 2005 to current year. Annual maximum, water year 2009 to current year.

GAGE.--Staff gage.

REMARKS.--Measured discharge is flow over the falls only; it does not include flow going through the hydroelectric plant.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 121.38 ft, Mar 15, 2009.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 121.38 ft, Mar 15 at 0700.

DISCHARGE MEASUREMENTS WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Date	Discharge, in ft ³ /s
Aug 19, 2010	136
Sep 22, 2010	65.1