



Water-Data Report 2009

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.

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, 119.30 ft, Dec 12, 2009.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 119.30 ft, Dec 12 at 0630.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Date	Discharge, in ft³/s
Feb 25, 2009	642
May 8, 2009	2,630
Aug 27, 2009	966