

Floods Caused by Tropical Systems: Rockaway River at Boonton above Reservoir (Old Site),

Latitude: 40.903

Period of Record: 1937-Present

Longitude: -74.41

Flood Stage: 5

Last Flood: 11/24/2011

Number of Floods: 87

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
8/28/1971	6.28	3,550	Tropical Storm Doria dumped 3 to 7 inches of rain across the region. Localized rainfall amounts of 8 to 10 inches were reported in the Tidewater area, Eastern NJ and Eastern PA.
8/19/1955	5.43	2,190	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.
6/23/1972	5.29	2,090	Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania.
8/28/2011	9.31	8,210	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
10/9/2005	6.1	3,320	Tropical Storm Tammy was absorbed into a cold front and produced 2-day rainfall totals of 4 to 7 inches. Flooding was reported in the Raritan, Passaic, Delaware and Lower Main Stem Susquehanna Basins.
9/22/1938	5.55	2,260	The Long Island Express Hurricane produced more than 5 inches of rain in New Jersey, New York and other parts of the Northeast. Major flooding occurred across New York, New Jersey and Pennsylvania.
9/7/1979	5.42	2,200	Hurricane David dumped 3-7 inches of rainfall across Virginia, Maryland and Pennsylvania.
9/7/2011	5.13	2,140	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
9/8/2011	5.49	2,550	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.

Drainage Area: 116 square miles

Gage Datum: 364.47 ft MSL

Data represent all historical events.
Passaic Basin

County of Gage: Morris
County of Forecast Point: Morris

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
10/1/2010	5.33	2,370	Tropical mositure ahead of a north-south frontal boundary interacted with the remnants of tropical storm Nicole to produce heavy rainfall throughout the Mid-Atlantic. Rainfall amounts of 4"-5" were common, with locally heavier amounts of up to 10".
9/17/1999	6.26	4,270	Hurricane Floyd produced heavy rainfall from Virginia to Long Island. Rainfall totals ranged from 12 inches in Delaware to 16.57 inches in Newport News, Virginia. Two dams burst in New Jersey and several flood records were broken in New Jersey.