

# Floods Caused by Tropical Systems: Lehigh River at Walnutport, PA

Latitude: 40.757

Period of Record: 1942-Present

Longitude: -75.603

Flood Stage: 8

Last Flood: 9/7/2011

Number of Floods: 47

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
8/19/1955	17.68	77,800	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.
9/18/2004	12.3	40,000	The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV.
6/23/1972	11.65	39,000	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.
9/23/2003	8.4	19,800	Hurricane Isabel combined with another system and produced more than 3 inches of rain in VA with locally heavier amounts of 10 inches. Another low pressure system moved through the region and produced a few additional inches of rain.
9/7/2011	8.01	18,000	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.
10/1/2010	9.11	2,300	Tropical moisture 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".
9/27/1985	9.59	26,100	Hurricane Gloria made landfall over Long Island as a Category 2 storm. Gloria produced rainfall amounts of 1 to 5 inches in most of the Mid-Atlantic, with locally heavier amounts of almost 7 inches reported.

Drainage Area: 889 square miles

Gage Datum: 350.27 ft MSL

Data represent all historical events.  
Lehigh Basin

County of Gage: Northampton  
County of Forecast Point: Northampton