

Floods Caused by Tropical Systems: Delaware River at Riegelsville, PA

Latitude: 40.595
Flood Stage: 22

Period of Record: 1841-Present
Last Flood: 9/9/2011

Longitude: -75.19
Number of Floods: 40

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
8/19/1955	38.85	340,000	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.
9/19/2004	30.95	216,000	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.
8/29/2011	24.56	-9,999	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.
9/23/1938	23	123,000	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.
10/1/1924	24.2	132,000	Tropical Storm Eight made landfall in the Panhandle of Florida before moving northward along the Atlantic Coast. The storm intensified over NC and became an extratropical storm. Several locations in VA set new records for 24-hour rainfall totals.
9/9/2011	28.06	175,000	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.
8/25/1933	25	141,000	A strong Category 1 storm, the Chesapeake-Potomac Hurricane brought more than 10 inches of rain to Maryland, Delaware and Southern New Jersey. Other locations throughout the Mid-Atlantic measured more than 4 inches of rain.

Drainage Area: 6328 square miles
Gage Datum: 125.12 ft MSL

Data represent all historical events.
Main Stem Delaware Basin

County of Gage: Warren
County of Forecast Point: Bucks