

Floods Caused by Tropical Systems: North Branch Susquehanna River at Conklin, NY

Latitude: 42.035

Period of Record: 1912-Present

Longitude: -75.803

Flood Stage: 12

Last Flood: 8/15/2018

Number of Floods: 257

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/18/2004	19.01	54,700	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.
9/26/1975	12.77	25,600	The remnants of Hurricane Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic. Washington, D.C. reported 9.08" of rainfall. Total damage for Virginia was estimated to be \$17.2 million.
8/5/1915	11.55	20,900	The first tropical cyclone of 1915 interacted with a low pressure system and dumped 2 -3 inches of rain across much of the Mid-Atlantic region.
6/23/1972	12.89	26,500	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	16.34	38,400	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	15.89	34,100	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.
9/30/1924	16.86	44,000	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.
9/8/2011	23.94	72,100	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.
9/28/1985	11.04	20,000	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: 2232 square miles

Gage Datum: 841.04 ft MSL

Data represent all historical events.
North Branch Susquehanna Basin

County of Gage: Broome
County of Forecast Point: Broome

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
8/24/1933	12.05	21,400	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.