

Floods Caused by Tropical Systems: Beaver Kill at Cooks Falls, NY

Latitude: 41.946

Period of Record: 1914-Present

Longitude: -74.98

Flood Stage: 10

Last Flood: 11/1/2019

Number of Floods: 133

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
8/13/2004	10.01	9,550	A stalled low, which absorbed the remnants of Hurricane Bonnie, dumped 2.5 - 5 inches of rain over 3 days.
8/19/1955	11.44	14,300	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	17.67	42,100	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.
8/28/2011	15.6	30,300	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.
10/8/2005	10.03	9,600	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.
9/21/1938	13.67	17,100	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.
9/6/1979	10.04	9,640	Hurricane David dumped 3-7 inches of rainfall across Virginia, Maryland and Pennsylvania.
9/30/1924	15	13,400	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.
10/1/1924	13	10,400	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.

Drainage Area: 241 square miles

Gage Datum: 1151.7 ft MSL

Data represent all historical events.
Delaware Basin

County of Gage: Delaware
County of Forecast Point: Delaware

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/7/2011	13.64	21,500	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	11.39	13,700	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	15.69	30,700	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	10.16	10,100	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.
8/24/1933	17.8	19,000	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.
9/17/1999	11.5	13,900	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.

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