

Floods Caused by Tropical Systems: Swatara Creek at Middletown (Old Site), PA

Latitude: 40.2
Flood Stage: 11

Period of Record: 1972-Present
Last Flood: 9/9/2011

Longitude: -76.717
Number of Floods: 25

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/19/2004	19.5	-9,999	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.
9/27/1975	19.47	-9,999	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.
6/23/1972	28.45	-9,999	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.
9/9/2011	23.23	-9,999	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	11.2	-9,999	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".
9/29/2004	11	-9,999	Hurricane Jeanne stalled a cold front and supplied the front with much-needed moisture. As a result, 1-day rainfall totals ranged from 1 - 6 inches throughout the Mid-Atlantic region.

Drainage Area: 569 square miles
Gage Datum: 284.03 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Dauphin
County of Forecast Point: Dauphin