

## Floods Caused by Tropical Systems: Swatara Creek near Hershey

Latitude: 40.298

Period of Record: 1975-Present

Longitude: -76.668

Flood Stage: 7 ft

Last Flood: 2/25/2016

Number of Floods: 48

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
9/8/2011	27.22	96,900	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.
9/27/1975	15.36	29,400	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.
9/19/2004	14.27	26,000	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.
10/1/2010	7.63	9,890	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	7.01	8,880	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: 483 sq mi

Tropical information before 1940 is limited.

County of Gage: Dauphin

Gage Datum: 325.94 ft MSL

Main Stem Susquehanna Basin

County of Forecast Point: Dauphin

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