

Top10 Highest Historical Crests: Swatara Creek near Hershey, PA

Latitude: 40.298
Flood Stage: 7

Period of Record: 1975-Present
Last Flood: 11/1/2019

Longitude: -76.668
Number of Floods: 57

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
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.
7/26/2018	17.08	30,500	Conditions allowed for an atmospheric river of Atlantic moisture to surge up along the mainstem Susquehanna. Major flooding in the Swatara. Notably, Harrisburg flooded with little contribution coming from the North or West Branches.
6/29/2006	16.12	31,700	A stationary front and thunderstorms brought widespread, but locally heavy rainfall to the area. Total precipitation amounts ranged from 4-6 inches over the Lower Delaware to 9-11 inches over the headwaters of the James.
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.
1/25/1979	14.43	26,600	A significant low pressure system produced 2 to 4 inches of rain throughout New Jersey, Eastern Pennsylvania and Virginia.
1/20/1996	14.3	26,000	Southerly winds, high dewpoints and intense rainfall caused a rapid snowmelt. The resultant flooding was the worst to hit the entire MARFC area since 1972.
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.
3/6/2008	11.06	17,400	Heavy rain from a low pressure system produced 1-2 inches of rainfall with locally higher amounts of 2-4 inches reported in the Susquehanna Basin.
3/12/2011	10.97	17,200	Two successive rainstorms produce 1 to 4 inches followed by 1 to 5 inches. Some spots in NJ picked up over 8 inches.

Drainage Area: 483 square miles
Gage Datum: 325.94 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Dauphin
County of Forecast Point: Dauphin

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
11/29/1993	10.33	16,500	A strong, albeit slow moving, low pressure system produced rainfall amounts of between 2 and 3 inches, with heavier amounts of 4 to 5 inches reported.

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 Main Stem Susquehanna Basin

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