

Top10 Highest Historical Crests: Swatara Creek at Harper Tavern, PA

Latitude: 40.403
Flood Stage: 9

Period of Record: 1889-Present
Last Flood: 11/1/2019

Longitude: -76.578
Number of Floods: 171

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
6/1/1889	25.6	88,000	A mesoscale convective complex caused 9 inches of rain to fall in 36 hours with 4 inches of rain occurring in 8 hours. Most of Williamsport, Lock Haven, Muncy, Jersey Shore and Montgomery were submerged.
9/8/2011	24.46	74,800	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.
6/23/1972	23.72	66,700	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.
6/28/2006	18.28	28,300	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.
8/24/1933	17.53	25,300	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.
9/19/2004	17.36	25,000	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.
9/27/1975	17.24	24,700	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.
7/25/2018	17.15	22,000	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.
1/25/1979	15.77	20,500	A significant low pressure system produced 2 to 4 inches of rain throughout New Jersey, Eastern Pennsylvania and Virginia.

Drainage Area: 337 square miles
Gage Datum: 356.68 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Lebanon
County of Forecast Point: Lebanon

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
1/20/1996	15.67	19,800	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.

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