

Top10 Highest Historical Crests: Susquehanna River at Wilkes-Barre, PA

Latitude: 41.253
Flood Stage: 22

Period of Record: 1786-Present
Last Flood: 8/15/2018

Longitude: -75.879
Number of Floods: 97

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/9/2011	42.66	310,000	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.
6/24/1972	40.91	345,000	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.
9/27/1975	35.06	228,000	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	34.96	227,000	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.
1/20/1996	34.45	221,000	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.
6/28/2006	34.14	218,000	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.
3/18/1865	33.1	232,000	Heavy snowfall during the winter followed by heavy rainfall on March 16-17 caused the St. Patrick's Day Flood of 1865.
3/20/1936	33.07	232,000	Two successive rainstorms combined with snowmelt flooded the Eastern Seaboard from Virginia to Maine. A total of 150 to 200 lives were lost and damage estimates were over \$1 million.
5/29/1946	32.01	210,000	The weather summary is unavailable at this time.

Drainage Area: 9960 square miles
Gage Datum: 510.86 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Luzerne
County of Forecast Point: Luzerne

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
4/1/1940	31.53	212,000	Low pressure produced 24-hour rainfall totals of 2.86 inches in Wilkes-Barre and 1.87 inches in Binghamton.

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