

Floods Caused by Tropical Systems: Potomac River at Shepherdstown, WV

Latitude: 39.435

Period of Record: 1889-Present

Longitude: -77.801

Flood Stage: 15

Last Flood: 12/17/2018

Number of Floods: 130

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
10/17/1954	22	98,000	Hurricane Hazel dumped 6- 10 inches of rain in the western portion of Virginia.
9/19/1945	19.31	79,000	The 1945 Southeast Florida Hurricane brought gusty winds and heavy rains to the Mid-Atlantic region.
8/20/1955	25.26	124,000	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.
9/27/1975	20.49	87,100	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	31.58	187,000	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.
10/16/1942	32.68	201,000	The remnants of the eighth tropical storm of the year produced torrential rains and caused the worst river flooding in the history of Virginia.
9/20/2003	19.83	-9,999	Hurricane Isabel combined with another system and produced more than 3 inches of rain in VA with locally heavier amounts of 10 inches. Another low pressure system moved through the region and produced a few additional inches of rain.
9/8/1996	29	-9,999	Hurricane Fran produced up to 16 inches of rain in the western part of Virginia and up to 7 inches in the Juniata Basin in Pennsylvania. Fran was the worst flood even to hit Maryland since Hurricane Hazel and the January 1996 Flood.
10/31/2012	19	-9,999	Hurricane Sandy moved across NJ through PA producing 3 to 7 inches of rain with locally higher amounts in areas that saw flooding. The hurricane rapidly lost its tropical characteristics as it moved northwest.

Drainage Area: 5936 square miles

Gage Datum: 281 ft MSL

Data represent all historical events.
Potomac Basin

County of Gage: Jefferson
County of Forecast Point: Jefferson

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
11/7/1985	31.44	187,000	Hurricane Juan produced more than 1 inch of rain in VA with more than 7 inches reported in higher elevations. A coastal low pressure system produced an additional 1-7 inches of rain and caused widespread major flooding in Virginia and Maryland.
9/11/2018	21.33	96,600	Remnants of Tropical Storm Gordon produced rain of 4-9 inches on very wet soils leading to major flooding in spots.