

# Floods Caused by Tropical Systems: Opequon Creek near Martinsburg, WV

Latitude: 39.424

Period of Record: 1936-Present

Longitude: -77.939

Flood Stage: 10

Last Flood: 5/6/2019

Number of Floods: 162

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
8/13/1955	11.13	3,700	Hurricane Connie produced 4 to 8 inches of rainfall across the Mid-Atlantic region, with locally heavier amounts exceeding 10 inches.
8/19/1955	11.92	4,900	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.
8/18/1994	10.91	3,570	Remnants of Tropical Storm Beryl produced 2-5 inches of rain across Pennsylvania, Virginia and West Virginia.
9/25/1975	14.15	9,460	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.
6/22/1972	17.45	19,000	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.
10/13/1990	14.07	9,270	Moisture of Tropical Storm Marco, Tropical Storm Klaus and a frontal boundary produced copious rainfall amounts.
9/20/2003	10.36	-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.
9/7/1996	15.06	11,700	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.
10/30/2012	13.46	6,390	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: 273 square miles

Gage Datum: 354.33 ft MSL

Data represent all historical events.  
Potomac Basin

County of Gage: Berkeley  
County of Forecast Point: Berkeley

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/1/1952	11.65	4,700	Remnants of Hurricane Able produced up to 2.00 inches of rainfall across the region.
9/9/2004	13.21	6,980	The remnants of Hurricane Frances combined with a low pressure system and produced heavy rain throughout the Mid-Atlantic. Rainfall totals ranged from 2 - 3 inches in New Jersey to 2.5 - 6 inches in Central Pennsylvania.
9/10/2018	12.89	5,230	Remnants of Tropical Storm Gordon produced rain of 4-9 inches on very wet soils leading to major flooding in spots.

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