

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

Latitude: 39.424  
Flood Stage: 10

Period of Record: 1936-Present  
Last Flood: 5/6/2019

Longitude: -77.939  
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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