

# Top10 Highest Historical Crests: Monocacy River at Jug Bridge near Frederick, MD

Latitude: 39.403  
Flood Stage: 15

Period of Record: 1889-Present  
Last Flood: 12/16/2018

Longitude: -77.366  
Number of Floods: 123

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
6/23/1972	35.9	81,600	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.
9/26/1975	30.8	61,200	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.
6/1/1889	30	56,000	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.
8/24/1933	28.1	51,000	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.
10/10/1976	25.38	43,500	A low pressure system and its slow moving front produced 2 to 5 inches of rainfall at most locations through the Mid-Atlantic Region.
1/20/1996	23.67	37,400	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.
6/20/1996	22.54	34,100	Thunderstorms produced 2 to 5 inches of rain in Maryland.
9/6/1979	22.03	33,700	Hurricane David dumped 3-7 inches of rainfall across Virginia, Maryland and Pennsylvania.
10/30/2012	21.78	29,700	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: 817 square miles  
Gage Datum: 231.21 ft MSL

Data represent all historical events.  
Potomac Basin

County of Gage: Frederick  
County of Forecast Point: Frederick

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
4/27/1937	21.7	33,800	Heavy rains caused widespread flooding across most of Virginia. The Rappahannock basin was hit the hardest, but the Potomac River at Wisconsin Avenue rose to 14.3 feet. Six people died and total damages were well over \$1.5 million.

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