

Floods Caused by Tropical Systems: Shenandoah River near Lynnwood, VA

Latitude: 38.323

Period of Record: 1930-Present

Longitude: -78.755

Flood Stage: 16

Last Flood: 9/18/2018

Number of Floods: 33

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/18/1945	21.7	42,800	The 1945 Southeast Florida Hurricane brought gusty winds and heavy rains to the Mid-Atlantic region.
8/18/1955	22.94	46,800	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.
6/22/1972	23.45	50,700	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.
10/15/1942	27.2	80,000	The remnants of the eighth tropical storm of the year produced torrential rains and caused the worst river flooding in the history of Virginia.
9/19/2003	22.4	48,400	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.
9/6/1979	17.89	26,200	Hurricane David dumped 3-7 inches of rainfall across Virginia, Maryland and Pennsylvania.
9/7/1996	30.84	107,000	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.
8/17/1940	19.86	33,100	As a strong Category 1 storm, the Southeast Hurricane produced over 1 inches of rain just south of our basins and caused widespread flooding across Virginia.
11/5/1985	29.46	95,100	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.

Drainage Area: 1079 square miles

Gage Datum: 1001.74 ft MSL

Data represent all historical events.
Shenandoah Basin

County of Gage: Rockingham
County of Forecast Point: Rockingham

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/29/2004	18.92	32,900	Hurricane Jeanne stalled a cold front and supplied the front with much-needed moisture. As a result, 1-day rainfall totals ranged from 1 - 6 inches throughout the Mid-Atlantic region.
9/18/2018	20.16	37,900	Remnants of Hurricane Florence produced rain up to 5+ inches in spots, leading to moderate to major flooding.