

Floods Caused by Tropical Systems: South River near Waynesboro, VA

Latitude: 38.058

Period of Record: 1942-Present

Longitude: -78.908

Flood Stage: 9.5

Last Flood: 9/17/2018

Number of Floods: 19

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
8/18/1955	13.95	13,500	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.
6/21/1972	14.25	14,400	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	14.3	14,500	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	13.95	13,800	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.
9/5/1979	11.37	7,970	Hurricane David dumped 3-7 inches of rainfall across Virginia, Maryland and Pennsylvania.
9/6/1996	13.46	12,300	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.
11/4/1985	15.3	17,500	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.
8/20/1969	15.27	17,400	Remnants of Hurricane Camille produced 12-20 inches of rainfall. In Virginia, most of the rainfall occurred in a 3-5 hour period and caused several record-setting floods.
9/28/2004	10.45	6,460	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.

Drainage Area: 127 square miles

Gage Datum: 1296.2 ft MSL

Data represent all historical events.
Shenandoah Basin

County of Gage: Augusta
County of Forecast Point: Independent City

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/17/2018	11.92	9,180	Remnants of Hurricane Florence produced rain up to 5+ inches in spots, leading to moderate to major flooding.