

# Floods Caused by Tropical Systems: Appomattox River at Mattoax, WV

Latitude: 37.421

Period of Record: 1901-Present

Longitude: -77.859

Flood Stage: 21

Last Flood: 11/17/2018

Number of Floods: 88

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/22/1945	25.3	10,300	The 1945 Southeast Florida Hurricane brought gusty winds and heavy rains to the Mid-Atlantic region.
8/21/1955	26.53	12,100	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.
9/29/1975	25.66	10,900	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.
6/25/1972	34.08	31,100	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.
8/15/1928	25.94	11,200	The remnants of an unnamed hurricane produced rainfall that caused flooding in the James and Appomattox basins.
9/23/2003	27.33	13,500	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.
9/9/1979	21.57	5,700	Hurricane David dumped 3-7 inches of rainfall across Virginia, Maryland and Pennsylvania.
9/10/1996	27.49	13,800	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.
11/16/2009	24.36	8,710	The extratropical remnants of Ida dumped more than 12 inches of rain in Coastal Virginia, 5.50 inches of rain in Richmond and 5.00 inches of rain in Farmville.

Drainage Area: 725 square miles

Gage Datum: 174.51 ft MSL

Data represent all historical events.  
Appomattox Basin

County of Gage: Amelia  
County of Forecast Point: Amelia

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
8/18/1940	35.3	35,000	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.
11/7/1985	26.64	12,300	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.
9/18/2018	22.31	6,540	Remnants of Hurricane Florence produced rain up to 5+ inches in spots, leading to moderate to major flooding.
9/21/2018	21.81	5,990	Remnants of Hurricane Florence produced rain up to 5+ inches in spots, leading to moderate to major flooding.
10/12/2018	25.72	11,200	Remnants of Hurricane Michael dumped up to 9 inches of rain near the coast. Moderate to Major flooding in the Appomattox basin.
10/15/2018	28.72	-9,999	Remnants of Hurricane Michael dumped up to 9 inches of rain near the coast. Moderate to Major flooding in the Appomattox basin.

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