

Floods Caused by Tropical Systems: James River at Cartersville, VA

Latitude: 37.671
Flood Stage: 20

Period of Record: 1869-Present
Last Flood: 2/25/2019

Longitude: -78.086
Number of Floods: 88

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/6/1935	27.8	134,000	The "Labor Day Hurricane" dumped heavy rain along the East Coast. A total of 16.62 inches of rain was reported in Easton and 12.1 inches of rain was reported in Salisbury, MD.
8/19/1955	24.48	104,000	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.
10/18/1932	21.54	75,400	Remnants of the eighth tropical storm of the season produced 2.00 inches of rainfall across most of the Mid-Atlantic region.
6/22/1972	37.87	362,000	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.
8/12/1928	22.06	78,600	The remnants of an unnamed hurricane produced rainfall that caused flooding in the James and Appomattox basins.
8/18/1928	23.8	97,200	The weather summary is unavailable at this time.
10/16/1942	27.14	135,000	The remnants of the eighth tropical storm of the year produced torrential rains and caused the worst river flooding in the history of Virginia.
9/20/2003	22.89	89,825	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.
10/1/1924	24.38	103,000	Tropical Storm Eight made landfall in the Panhandle of Florida before moving northward along the Atlantic Coast. The storm intensified over NC and became an extratropical storm. Several locations in VA set new records for 24-hour rainfall totals.

Drainage Area: 6252 square miles
Gage Datum: 163.9 ft MSL

Data represent all historical events.
James Basin

County of Gage: Goochland
County of Forecast Point: Cumberland

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/7/1996	28.96	158,000	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.
9/9/1987	25.44	114,000	Tropical Depression Nine merged with a cold front to produce over 5 inches of rain in Virginia and 3-7 inches of rain in Pennsylvania.
8/17/1940	28.34	145,000	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.
11/6/1985	32.6	225,000	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.
8/21/1969	33.75	250,000	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.
9/30/2004	20.49	73,500	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	20.02	70,600	Remnants of Hurricane Florence produced rain up to 5+ inches in spots, leading to moderate to major flooding.

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