

# Floods Caused by Tropical Systems: James River at Scottsville, VA

Latitude: 37.797

Period of Record: 1870-Present

Longitude: -78.492

Flood Stage: 20

Last Flood: 1/25/2010

Number of Floods: 44

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/6/1935	23.06	93,400	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.
6/22/1972	34.02	301,000	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.
8/17/1928	20.92	75,600	The weather summary is unavailable at this time.
10/16/1942	23	95,200	The remnants of the eighth tropical storm of the year produced torrential rains and caused the worst river flooding in the history of Virginia.
10/1/1924	-9999	80,000	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.
9/11/1950	20.43	73,300	Hurricane Dog's outer rainbands produced upwards of 3 inches of rain in parts of Virginia over a short period of time.
9/7/1996	28.25	167,000	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.
9/8/1987	24.56	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.
8/16/1940	25.84	130,000	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.

Drainage Area: 4581 square miles

Gage Datum: 252.47 ft MSL

Data represent all historical events.  
James Basin

County of Gage: Albemarle  
County of Forecast Point: Albermarle

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
11/6/1985	31.77	243,000	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.
8/20/1969	30	188,000	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	20.68	74,700	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.

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