

# Floods Caused by Tropical Systems: Frankstown Branch Juniata River at Williamsburg, PA

Latitude: 40.463

Period of Record: 1889-Present

Longitude: -78.2

Flood Stage: 12

Last Flood: 9/10/2018

Number of Floods: 47

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
10/16/1954	12.27	8,000	Hurricane Hazel dumped 6- 10 inches of rain in the western portion of Virginia.
9/18/2004	19.46	18,000	The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV.
6/23/1972	18.39	16,400	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.
9/7/2011	14.03	9,810	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
9/10/2011	12.16	7,360	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
9/7/1996	12.82	7,840	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.
9/9/2004	16.91	13,600	The remnants of Hurricane Frances combined with a low pressure system and produced heavy rain throughout the Mid-Atlantic. Rainfall totals ranged from 2 - 3 inches in New Jersey to 2.5 - 6 inches in Central Pennsylvania.
9/10/2018	16.98	14,400	Remnants of Tropical Storm Gordon produced rain of 4-9 inches on very wet soils leading to major flooding in spots.

Drainage Area: 291 square miles

Gage Datum: 831.78 ft MSL

Data represent all historical events.  
Juniata Basin

County of Gage: Blair  
County of Forecast Point: Blair