

Flood Event of 10/3/1877 - 10/4/1877

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Buchanan	17.00	10/3/1877	-9999.00	-9,999	Missing	James	James River	Botetourt	Botetourt
Cartersville	20.00	10/3/1877	-9999.00	-9,999	Missing	James	James River	Goochland	Cumberland
Lick Run	16.00	10/3/1877	-9999.00	-9,999	Missing	James	James River	Botetourt	Botetourt

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Pennsylvania	-99.99	10/4/1877	-9999.00	-9,999	Missing	Delaware	Delaware River	All	All

Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Virginia	-99.99	10/3/1877	-9999.00	-9,999	Missing	Shenandoah	Shenandoah River	All	All

Weather Summary

Heavy rainfall caused devastating flooding from Virginia to Pennsylvania. The Shenandoah Valley, which had been clear cut, have flooding similar to 1870. Washington DC set a 24-hour record rainfall amount of 3.98 inches. Parts of Central Maryland, Eastern Pennsylvania and Western New Jersey received up to 10 inches of rainfall. In Eastern Pennsylvania, the flood waters washed out train tracks and caused two trains to wreck. Philadelphia experienced the worst flood damage in 40 years.

Source: Roth, David and Hugh Cobb. "Virginia Hurricane History" <http://www.hpc.ncep.noaa.gov/research/roth/vahur.htm> and Schwartz, Rick. (2008) "Hurricanes a

Crest Statistics and Flood Information

First flood of 1 that occurred in Oct, 1877

First flood of 2 that occurred in 1877

Number of Floods at MARFC Forecast Points - 5

Number of Floods Cresting in Minor Range - 0

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 5