

Flood Event of 10/15/1954 - 10/17/1954

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	10/16/1954	20.30	43,000	Minor	James	James River	Fluvanna	Fluvanna
Lick Run	16.00	10/16/1954	18.14	31,400	Minor	James	James River	Botetourt	Botetourt

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Spruce Creek	8.00	10/15/1954	10.77	8,230	Moderate	Juniata	Little Juniata River	Huntingdon	Huntingdon
Williamsburg	12.00	10/16/1954	12.27	8,000	Minor	Juniata	Frankstown Branch Juniata River	Blair	Blair

North Branch Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cumberland	17.00	10/16/1954	23.85	38,500	Major	North Branch Potomac	North Branch Potomac River	Allegany	Allegany
Cumberland	10.00	10/16/1954	10.70	11,900	Minor	North Branch Potomac	Wills Creek	Allegany	Allegany
Kitzmiller	9.00	10/15/1954	16.50	33,400	Major	North Branch Potomac	Potomac River	Garret	Garret
Luke	10.50	10/15/1954	17.15	39,400	Major	North Branch Potomac	North Branch Potomac River	Mineral	Allegany

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harpers Ferry	18.00	10/17/1954	18.50	-9,999	Minor	Potomac	Potomac River	Jefferson	Jefferson

Little Falls (Washington DC)	10.00	10/17/1954	13.30	131,000	Moderate	Potomac	Potomac River	Montgomery	Montgomery
Paw Paw	25.00	10/16/1954	32.24	78,100	Major	Potomac	Potomac River	Allegheny	Morgan
Point of Rocks	16.00	10/17/1954	21.02	130,000	Moderate	Potomac	Potomac River	Frederick	Frederick
Sharpsburg	8.00	10/15/1954	8.75	4,180	Minor	Potomac	Antietam Creek	Washington	Washington
Shepherdstown	15.00	10/17/1954	22.00	98,000	Major	Potomac	Potomac River	Jefferson	Jefferson
Wisconsin Ave, Washington, DC	6.00	10/15/1954	8.90	-9,999	Moderate	Potomac	Potomac River	Dist. of Columbia	Dist. of Columbia

Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Strasburg	17.00	10/16/1954	18.25	19,300	Minor	Shenandoah	North Fork Shenandoah River	Warren	Shenandoah

South Branch Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Moorefield	10.00	10/16/1954	12.14	19,800	Moderate	South Branch Potomac	South Fork South Branch Potomac River	Hardy	Hardy
Petersburg	10.00	10/15/1954	13.34	21,600	Moderate	South Branch Potomac	South Branch Potomac River	Grant	Grant
Springfield	15.00	10/16/1954	21.50	48,200	Moderate	South Branch Potomac	South Branch Potomac River	Hampshire	Hampshire

Weather Summary

Hurricane Hazel made landfall along the North Carolina/South Carolina border on the morning of October 15. The storm center became extratropical as it passed over Raleigh, North Carolina (while a strong Category 3 storm) early on October 15. The rapid forward speed allowed hurricane conditions to spread farther inland than any other storm in recorded history. Wind gusts over 100 mph were recorded as far as upstate New York, where Hazel still carried Category 2-force winds. As much as 6 to 10 inches of rainfall occurred in our western Virginia Basins.

Crest Statistics and Flood Information

First flood of 1 that occurred in Oct, 1954

Fourth flood of 6 that occurred in 1954

Number of Floods at MARFC Forecast Points - 19

Number of Floods Cresting in Minor Range - 7

Number of Floods Cresting in Moderate Range - 7

Number of Floods Cresting in Major Range - 5

Number of Floods Cresting in Missing Range - 0