

Flood Event of 10/9/1976 - 10/11/1976

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	10/9/1976	10.86	11,700	Minor	Delaware	Beaver Kill	Delaware	Delaware

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	10/10/1976	23.50	58,300	Moderate	James	James River	Fluvanna	Fluvanna
Buchanan	17.00	10/10/1976	17.00	38,300	Minor	James	James River	Botetourt	Botetourt
Cartersville	20.00	10/10/1976	20.60	73,900	Minor	James	James River	Goochland	Cumberland
Lick Run	16.00	10/9/1976	17.13	27,300	Minor	James	James River	Botetourt	Botetourt
Palmyra	17.00	10/10/1976	22.41	18,100	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	10/11/1976	15.63	72,800	Moderate	James	James River	Henrico	Independent City

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Camp Hill	7.00	10/9/1976	11.66	6,360	Moderate	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Conowingo	23.50	10/10/1976	23.99	306,000	Minor	Lower Main Stem Susquehanna	Susquehanna River	Harford	Cecil
Harper Tavern	9.00	10/10/1976	12.89	13,400	Moderate	Swatara	Swatara Creek	Lebanon	Lebanon
Hershey	7.00	10/10/1976	9.18	13,400	Minor	Swatara	Swatara Creek	Dauphin	Dauphin

Hogestown	8.00	10/10/1976	10.84	11,800	Moderate	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Penns Creek	8.00	10/9/1976	9.10	8,040	Minor	Penns Creek	Penns Creek	Snyder	Snyder
Shermans Dale	9.00	10/9/1976	14.15	15,500	Moderate	Lower Main Stem Susquehanna	Sherman Creek	Perry	Perry
Tunkhannock	11.00	10/9/1976	13.45	21,800	Minor	Upper Main Stem Susquehanna	Tunkhannock Creek	Wyoming	Wyoming

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chenango Forks	10.00	10/9/1976	10.00	20,400	Minor	North Branch Susquehanna	Chenango River	Broome	Broome
Cincinnatus	9.00	10/9/1976	9.70	5,960	Minor	North Branch Susquehanna	Otselic River	Cortland	Cortland
Conklin	11.00	10/9/1976	13.30	28,200	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	10/10/1976	9.16	5,440	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Sherburne	8.00	10/9/1976	9.26	5,670	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Waverly	11.00	10/10/1976	14.61	66,300	Minor	North Branch Susquehanna	North Branch Susquehanna River	Bradford	Tioga

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Dawsonville	7.50	10/9/1976	8.42	3,770	Minor	Potomac	Seneca Creek	Montgomery	Montgomery
Fairview	10.00	10/9/1976	16.00	18,000	Major	Potomac	Conococheague Creek	Washington	Washington
Frederick	15.00	10/10/1976	25.38	43,500	Major	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Great Cacapon	9.00	10/10/1976	17.52	27,800	Moderate	Potomac	Cacapon River	Morgan	Morgan

Harpers Ferry	18.00	10/10/1976	21.50	-9,999	Moderate	Potomac	Potomac River	Jefferson	Jefferson
Leesburg	12.00	10/9/1976	25.74	48,700	Major	Potomac	Goose Creek	Loudoun	Loudoun
Little Falls (Washington DC)	10.00	10/11/1976	13.18	208,000	Moderate	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	10/10/1976	14.73	10,900	Moderate	Potomac	Opequon Creek	Berkeley	Berkeley
Paw Paw	25.00	10/10/1976	30.52	71,100	Moderate	Potomac	Potomac River	Allegheny	Morgan
Point of Rocks	16.00	10/11/1976	27.25	193,000	Major	Potomac	Potomac River	Frederick	Frederick
Sharpsburg	8.00	10/9/1976	11.88	6,920	Moderate	Potomac	Antietam Creek	Washington	Washington
Shepherdstown	15.00	10/10/1976	25.31	124,000	Major	Potomac	Potomac River	Jefferson	Jefferson
Williamsport	23.00	10/9/1976	25.00	-9,999	Moderate	Potomac	Potomac River	Washington	Washington

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Culpeper	14.00	10/10/1976	17.50	15,000	Moderate	Rappahannock	Rapidan River	Culpeper	Culpeper
Remington	15.00	10/10/1976	21.97	36,800	Moderate	Rappahannock	Rappahannock River	Fauquier	Fauquier

Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cootes Store	15.00	10/9/1976	16.98	18,500	Minor	Shenandoah	Shenandoah River	Rockingham	Rockingham
Front Royal	12.00	10/10/1976	14.12	31,900	Moderate	Shenandoah	Shenandoah River	Warren	Warren
Lynnwood	16.00	10/9/1976	17.99	26,500	Moderate	Shenandoah	Shenandoah River	Rockingham	Rockingham

Millville	13.50	10/11/1976	15.30	49,400	Moderate	Shenandoah	Shenandoah River	Jefferson	Jefferson
Strasburg	17.00	10/10/1976	19.33	21,800	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
Franklin	7.00	10/9/1976	8.72	9,240	Minor	South Branch Potomac	South Branch Potomac River	Pendleton	Pendleton
Petersburg	10.00	10/9/1976	15.14	28,100	Major	South Branch Potomac	South Branch Potomac River	Grant	Grant
Springfield	15.00	10/10/1976	23.42	58,300	Moderate	South Branch Potomac	South Branch Potomac River	Hampshire	Hampshire

Weather Summary

A low pressure center formed in the Southeast along a slow moving front that draped across the eastern United States in early October. Rain fell across much of the Mid-Atlantic starting on the 7th as the front slowly approached from the east. The aforementioned low formed on the 8th and moved northeastward through much of the Mid-Atlantic until it moved into Canada on the 10th. Heavy rain fell for an extended period of time as the system lingered over the region. Rainfall amounts ranged from 2.00 to 5.00 inches in most locations. This widespread rainfall led to flooding across eight basins in the Mid-Atlantic.

Crest Statistics and Flood Information

First flood of 2 that occurred in Oct, 1976

Eighth flood of 9 that occurred in 1976

Number of Floods at MARFC Forecast Points - 44

Number of Floods Cresting in Minor Range - 18

Number of Floods Cresting in Moderate Range - 20

Number of Floods Cresting in Major Range - 6

Number of Floods Cresting in Missing Range - 0