

Flood Event of 1/9/1978 - 1/13/1978

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	1/10/1978	16.89	5,860	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward
Mattoax	21.00	1/13/1978	21.17	5,360	Minor	Appomattox	Appomattox River	Chesterfield	Amelia

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lawrenceville	13.00	1/9/1978	13.30	-9,999	Minor	Chemung	Cowanesque River	Tioga	Tioga
Tioga Junction	15.00	1/9/1978	16.42	-9,999	Minor	Chemung	Tioga River	Tioga	Tioga

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Palmyra	17.00	1/9/1978	20.07	14,700	Minor	James	Rivanna River	Fluvanna	Fluvanna

Lehigh

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Walnutport	8.00	1/9/1978	8.77	23,100	Minor	Lehigh	Lehigh River	Northampton	Northampton

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harper Tavern	9.00	1/9/1978	9.90	8,430	Minor	Swatara	Swatara Creek	Lebanon	Lebanon

Penns Creek	8.00	1/9/1978	8.22	6,520	Minor	Susquehanna	Penns Creek	Union	Snyder
Shermans Dale	9.00	1/10/1978	9.45	7,110	Minor	Main Stem Susquehanna	Sherman Creek	Perry	Perry

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	1/9/1978	13.52	20,300	Minor	Delaware	Beaver Kill	Delaware	Delaware
Delaware Water Gap	21.00	1/10/1978	22.99	74,100	Minor	Delaware	Delaware River	Warren	Monroe
Minisink Hills	10.00	1/9/1978	11.51	17,800	Minor	Delaware	Brodhead Creek	Monroe	Monroe
Shoemakers	6.00	1/9/1978	6.67	4,720	Minor	Bush Kill	Bush Kill	Monroe	Cambria
Walton	9.50	1/9/1978	13.51	15,400	Minor	Delaware	West Branch Delaware River	Delaware	Delaware

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Conklin	11.00	1/9/1978	12.34	24,600	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Sherburne	8.00	1/9/1978	9.07	4,960	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Waverly	11.00	1/9/1978	13.06	55,400	Minor	North Branch Susquehanna	North Branch Susquehanna River	Tioga	Tioga

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chatham	6.00	1/10/1978	6.57	1,520	Minor	Passaic	Passaic River	Morris	Morris
Mahwah	8.00	1/9/1978	8.52	2,570	Minor	Passaic	Ramapo River	Bergen	Bergen

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Remington	15.00	1/9/1978	15.02	11,000	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

Upper Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Monroeton	14.00	1/9/1978	14.56	18,600	Minor	Main Stem Susquehanna	Towanda Creek	Bradford	Bradford
Tunkhannock	11.00	1/9/1978	11.17	14,700	Minor	Main Stem Susquehanna	Tunkhannock Creek	Wyoming	Wyoming

Weather Summary

An intense low pressure system deepened below 980mb as it passed northeastward over the Great Lakes in mid-January, bringing heavy rain and high winds to the Mid-Atlantic. 1.00-3.00 inches fell across most of the Mid-Atlantic as a result of this storm on the 8th and 9th, before snow began to fall on the back side on the 9th and 10th. Some gages were affected by ice jams.

Crest Statistics and Flood Information

First flood of 3 that occurred in Jan, 1978

First flood of 16 that occurred in 1978

Number of Floods at MARFC Forecast Points - 22

Number of Floods Cresting in Minor Range - 21

Number of Floods Cresting in Moderate Range - 1

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0