

Flood Event of 3/27/1978 - 3/29/1978

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	3/28/1978	23.10	56,200	Moderate	James	James River	Fluvanna	Fluvanna
Buchanan	17.00	3/27/1978	18.72	45,200	Minor	James	James River	Botetourt	Botetourt
Lick Run	16.00	3/27/1978	18.54	30,800	Minor	James	James River	Botetourt	Botetourt
Richmond	12.00	3/28/1978	14.55	62,600	Minor	James	James River	Henrico	Independent City

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Camp Hill	7.00	3/27/1978	7.53	3,110	Minor	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Harper Tavern	9.00	3/27/1978	11.38	10,600	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Hershey	7.00	3/27/1978	8.21	11,340	Minor	Swatara	Swatara Creek	Dauphin	Dauphin
Lancaster	11.00	3/27/1978	11.74	9,060	Minor	Conestoga	Conestoga River	Lancaster	Lancaster

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Conklin	11.00	3/28/1978	12.23	24,200	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	3/28/1978	12.58	52,500	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
Boonton above Reservoir (Old Site)	5.00	3/27/1978	5.75	2,590	Minor	Passaic	Rockaway River	Morris	Morris
Boonton below Reservoir	5.00	3/27/1978	6.25	2,020	Minor	Passaic	Rockaway River	Morris	Morris
Little Falls	7.00	3/29/1978	9.18	10,100	Major	Passaic	Passaic River	Passaic	Passaic
Macopin Intake Dam	15.00	3/27/1978	15.27	1,700	Minor	Passaic	Pequannock River	Passaic	Passaic
Mahwah	8.00	3/27/1978	8.89	3,030	Minor	Passaic	Ramapo River	Bergen	Bergen
Pompton Lakes	11.70	3/27/1978	12.18	3,810	Minor	Passaic	Ramapo River	Passaic	Passaic
Pompton Plains	16.00	3/27/1978	17.48	8,580	Minor	Passaic	Pompton River	Passaic	Morris
Wanaque	5.00	3/27/1978	6.98	2,800	Moderate	Passaic	Wanaque River	Passaic	Passaic

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Frederick	15.00	3/27/1978	15.72	18,300	Minor	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Martinsburg	10.00	3/27/1978	10.89	3,550	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Point of Rocks	16.00	3/28/1978	18.43	107,000	Minor	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	3/27/1978	18.12	71,800	Moderate	Potomac	Potomac River	Jefferson	Jefferson
Springfield	15.00	3/27/1978	15.69	23,000	Minor	Potomac	South Branch Potomac River	Hampshire	Hampshire

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	3/27/1978	9.85	4,390	Minor	Raritan	Millstone River	Somerset	Somerset

Weather Summary

A significant low pressure system moved from the Mississippi Valley into the northeastern United States on Easter Sunday, March 26, 1978. This system previously brought some late-season wintery precipitation to the Midwest on the 25th; however, precipitation fell primarily as rain across the warmer Mid-Atlantic on the 26th and 27th. Generally, 1.00 to 3.00 inches of rain fell over the region, which led to widespread flooding across six different states.

Crest Statistics and Flood Information

Third flood of 3 that occurred in Mar, 1978

Sixth flood of 16 that occurred in 1978

Number of Floods at MARFC Forecast Points - 24

Number of Floods Cresting in Minor Range - 20

Number of Floods Cresting in Moderate Range - 3

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 0