

Flood Event of 3/15/1975 - 3/23/1975

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	3/20/1975	19.19	9,220	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward
Farmville	16.00	3/15/1975	17.60	6,890	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward
Matoaca	10.00	3/19/1975	12.31	15,200	Minor	Appomattox	Appomattox River	Chesterfield	Chesterfield
Mattoax	21.00	3/23/1975	23.24	7,540	Minor	Appomattox	Appomattox River	Amelia	Amelia
Mattoax	21.00	3/18/1975	25.36	10,500	Moderate	Appomattox	Appomattox River	Amelia	Amelia

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bent Creek	16.00	3/19/1975	18.34	75,100	Minor	James	James River	Nelson	Appomattox
Bremo Bluff	19.00	3/20/1975	31.40	110,000	Moderate	James	James River	Fluvanna	Fluvanna
Buchanan	17.00	3/20/1975	17.93	42,000	Minor	James	James River	Botetourt	Botetourt
Cartersville	20.00	3/20/1975	26.04	120,000	Moderate	James	James River	Goochland	Cumberland
Holcomb Rock	22.00	3/20/1975	22.53	61,200	Minor	James	James River	Bedford	Bedford
Lick Run	16.00	3/20/1975	17.79	28,900	Minor	James	James River	Botetourt	Botetourt
Palmyra	17.00	3/20/1975	26.38	28,100	Moderate	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	3/16/1975	14.33	59,800	Minor	James	James River	Henrico	Independent City

Richmond	12.00	3/21/1975	20.08	133,000	Moderate	James	James River	Henrico	Independent City
Scottsville	20.00	3/19/1975	24.63	114,000	Major	James	James River	Albemarle	Albermarle

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harper Tavern	9.00	3/20/1975	9.74	8,210	Minor	Swatara	Swatara Creek	Lebanon	Lebanon

Neshaminy

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Langhorne	9.00	3/20/1975	11.30	11,100	Moderate	Neshaminy	Neshaminy Creek	Bucks	Bucks

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Mahwah	8.00	3/20/1975	8.44	2,500	Minor	Passaic	Ramapo River	Bergen	Bergen
Pompton Plains	16.00	3/21/1975	16.48	6,150	Minor	Passaic	Pompton River	Passaic	Morris
Wanaque	5.00	3/21/1975	5.23	1,270	Minor	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	3/20/1975	15.93	17,200	Minor	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Great Cacapon	9.00	3/20/1975	16.35	24,100	Moderate	Potomac	Cacapon River	Morgan	Morgan
Harpers Ferry	18.00	3/23/1975	21.50	-9,999	Moderate	Potomac	Potomac River	Jefferson	Jefferson

Little Falls (Washington DC)	10.00	3/21/1975	12.23	166,000	Moderate	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	3/20/1975	11.64	4,580	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Paw Paw	25.00	3/20/1975	27.66	59,900	Minor	Potomac	Potomac River	Allegany	Morgan
Point of Rocks	16.00	3/21/1975	26.15	181,000	Major	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	3/21/1975	22.19	99,400	Major	Potomac	Potomac River	Jefferson	Jefferson

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Culpeper	14.00	3/20/1975	17.26	14,500	Moderate	Rappahannock	Rapidan River	Culpeper	Culpeper
Remington	15.00	3/20/1975	18.70	22,400	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	3/20/1975	9.04	3,810	Minor	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	3/20/1975	28.19	21,200	Minor	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	3/20/1975	16.12	17,200	Minor	Raritan	Raritan River	Somerset	Somerset

Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cootes Store	15.00	3/19/1975	17.29	19,500	Minor	Shenandoah	Shenandoah River	Rockingham	Rockingham
Front Royal	12.00	3/20/1975	18.74	50,500	Major	Shenandoah	Shenandoah River	Warren	Warren

Lynnwood	16.00	3/19/1975	20.44	35,800	Major	Shenandoah	Shenandoah River	Rockingham	Rockingham
Millville	13.50	3/21/1975	18.86	75,900	Major	Shenandoah	Shenandoah River	Jefferson	Jefferson
Strasburg	17.00	3/20/1975	21.22	26,100	Moderate	Shenandoah	North Fork Shenandoah River	Warren	Shenandoah
Waynesboro	9.50	3/19/1975	10.30	6,180	Minor	Shenandoah	South River	Augusta	Independent City

South Branch Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Petersburg	10.00	3/19/1975	12.73	19,800	Moderate	South Branch Potomac	South Branch Potomac River	Grant	Grant
Springfield	15.00	3/20/1975	20.34	40,500	Moderate	South Branch Potomac	South Branch Potomac River	Hampshire	Hampshire

Weather Summary

A series of weak lows and their cold fronts moved across the Mid-Atlantic in mid-March. The fronts brought light to moderate rain and snow to the region before a stronger low moved into the region from the Southeast. The second low, which gathered moisture from the Gulf of Mexico and the Atlantic Ocean, dumped heavy rain across much of the Mid-Atlantic on the 13th and 14th, before it moved out to sea on the 15th. In total, 1.00 to 4.00 inches of rain fell, with the highest amounts accumulating in Virginia. This rainfall, combined with some snowmelt, caused widespread flooding throughout five states in the Mid-Atlantic.

Crest Statistics and Flood Information

First flood of 1 that occurred in Mar, 1975

Second flood of 10 that occurred in 1975

Number of Floods at MARFC Forecast Points - 41

Number of Floods Cresting in Minor Range - 22

Number of Floods Cresting in Moderate Range - 13

Number of Floods Cresting in Major Range - 6

Number of Floods Cresting in Missing Range - 0