

Flood Event of 3/4/1993 - 3/8/1993

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	3/5/1993	20.78	11,700	Moderate	Appomattox	Appomattox River	Cumberland	Prince Edward
Matoaca	10.00	3/6/1993	11.32	12,500	Minor	Appomattox	Appomattox River	Chesterfield	Chesterfield
Mattoax	21.00	3/8/1993	26.38	11,900	Moderate	Appomattox	Appomattox River	Amelia	Amelia

Brandywine

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chadds Ford	9.00	3/5/1993	10.91	8,110	Minor	Christina	Brandywine Creek	Delaware	Delaware

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bent Creek	16.00	3/5/1993	16.50	67,500	Minor	James	James River	Nelson	Appomattox
Bremo Bluff	19.00	3/5/1993	27.50	84,200	Moderate	James	James River	Fluvanna	Fluvanna
Buchanan	17.00	3/5/1993	20.60	54,200	Minor	James	James River	Botetourt	Botetourt
Cartersville	20.00	3/5/1993	24.18	101,000	Moderate	James	James River	Goochland	Cumberland
Holcomb Rock	22.00	3/5/1993	23.15	64,900	Minor	James	James River	Bedford	Bedford
Lick Run	16.00	3/4/1993	18.04	32,000	Minor	James	James River	Botetourt	Botetourt
Palmyra	17.00	3/5/1993	26.25	30,800	Moderate	James	Rivanna River	Fluvanna	Fluvanna

Richmond	12.00	3/6/1993	18.87	114,000	Moderate	James	James River	Henrico	Independent City
Scottsville	20.00	3/5/1993	20.73	75,200	Minor	James	James River	Albemarle	Albermarle

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Frederick	15.00	3/5/1993	18.41	23,200	Moderate	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Great Cacapon	9.00	3/5/1993	16.96	26,000	Moderate	Potomac	Cacapon River	Morgan	Morgan
Harpers Ferry	18.00	3/6/1993	20.80	-9,999	Minor	Potomac	Potomac River	Jefferson	Jefferson
Little Falls (Washington DC)	10.00	3/6/1993	12.35	189,000	Moderate	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	3/5/1993	15.38	12,600	Major	Potomac	Opequon Creek	Berkeley	Berkeley
Point of Rocks	16.00	3/6/1993	24.94	167,000	Moderate	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	3/5/1993	22.15	99,100	Major	Potomac	Potomac River	Jefferson	Jefferson
Wisconsin Ave, Washington, DC	6.00	3/6/1993	8.29	-9,999	Moderate	Potomac	Potomac River	Dist. of Columbia	Dist. of Columbia

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Culpeper	14.00	3/5/1993	18.91	17,800	Moderate	Rappahannock	Rapidan River	Culpeper	Culpeper
Fredericksburg (Old Site)	18.00	3/5/1993	22.10	-9,999	Moderate	Rappahannock	Rappahannock River	Spotsylvania	Independent City
Remington	15.00	3/5/1993	21.96	36,600	Moderate	Rappahannock	Rappahannock River	Fauquier	Fauquier

Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Front Royal	12.00	3/5/1993	16.55	41,200	Moderate	Shenandoah	Shenandoah River	Warren	Warren
Luray	14.00	3/5/1993	17.18	39,700	Minor	Shenandoah	South Fork Shenandoah River	Page	Page
Lynnwood	16.00	3/4/1993	19.45	34,500	Moderate	Shenandoah	Shenandoah River	Rockingham	Rockingham
Millville	13.50	3/6/1993	16.60	60,900	Moderate	Shenandoah	Shenandoah River	Jefferson	Jefferson
Strasburg	17.00	3/5/1993	19.06	21,300	Minor	Shenandoah	North Fork Shenandoah River	Warren	Shenandoah

Weather Summary

During the early parts of March, the Mid-Atlantic Region experienced some heavy amounts of rainfall and damaging winds associated with a slow moving low pressure system as it trudged across the eastern half of the country. Total rainfall accumulations averaged between one and four inches of rain. Flooding ensued because areas like Chadds Ford, PA had frozen ground and the water could not be soaked up entirely by the soil. As a result, there was a lot of runoff creating flooding problems across the area. Other areas not affected by the frozen ground received copious amounts of rainfall in areas already soaked with precipitation. Places at higher elevations, such as Garrett County, MD were subject to heavy snow accumulations up to twelve inches.

Crest Statistics and Flood Information

First flood of 4 that occurred in Mar, 1993

First flood of 11 that occurred in 1993

Number of Floods at MARFC Forecast Points - 29

Number of Floods Cresting in Minor Range - 10

Number of Floods Cresting in Moderate Range - 17

Number of Floods Cresting in Major Range - 2

Number of Floods Cresting in Missing Range - 0