

Flood Event of 3/23/1994 - 4/1/1994

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	3/29/1994	18.30	7,890	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward
Mattoax	21.00	4/1/1994	24.74	9,240	Minor	Appomattox	Appomattox River	Amelia	Amelia

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chemung	16.00	3/25/1994	16.45	48,600	Minor	Chemung	Chemung River	Chemung	Chemung
Elmira	12.00	3/25/1994	14.06	41,600	Minor	Chemung	Chemung River	Chemung	Chemung

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	3/29/1994	25.70	71,100	Moderate	James	James River	Fluvanna	Fluvanna
Cartersville	20.00	3/30/1994	22.29	85,100	Minor	James	James River	Goochland	Cumberland
Palmyra	17.00	3/28/1994	20.93	16,400	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	3/30/1994	17.48	94,300	Moderate	James	James River	Henrico	Independent City

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Spruce Creek	8.00	3/25/1994	8.64	7,130	Minor	Juniata	Little Juniata River	Huntingdon	Huntingdon

Williamsburg	12.00	3/25/1994	13.59	8,820	Moderate	Juniata	Frankstown Branch Juniata River	Blair	Blair
--------------	-------	-----------	-------	-------	----------	---------	------------------------------------	-------	-------

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Camp Hill	7.00	3/28/1994	8.61	3,370	Minor	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Conowingo	23.50	3/23/1994	26.16	403,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Harford	Cecil
Danville	20.00	3/26/1994	20.15	139,000	Minor	Upper Main Stem Susquehanna	Susquehanna River	Montour	Montour
Harper Tavern	9.00	3/27/1994	10.81	8,280	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Harrisburg	17.00	3/26/1994	17.90	334,000	Minor	Lower Main Stem Susquehanna	Susquehanna River	Dauphin	Dauphin
Hogestown	8.00	3/23/1994	9.04	-9,999	Minor	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Hogestown	8.00	3/29/1994	8.63	-9,999	Minor	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Marietta	49.00	3/26/1994	51.01	365,000	Minor	Lower Main Stem Susquehanna	Susquehanna River	Lancaster	Lancaster
Meshoppen	27.00	3/25/1994	28.16	127,000	Minor	Upper Main Stem Susquehanna	Susquehanna River	Wyoming	Wyoming
Middletown (Old Site)	11.00	3/28/1994	11.00	-9,999	Minor	Lower Main Stem Susquehanna	Swatara Creek	Dauphin	Dauphin
Towanda	16.00	3/25/1994	17.60	111,000	Minor	Upper Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Wilkes-Barre	22.00	3/26/1994	24.16	148,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Luzerne	Luzerne

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Conklin	11.00	3/25/1994	11.74	22,400	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome

Waverly	11.00	3/25/1994	13.53	55,000	Minor	North Branch Susquehanna	North Branch Susquehanna River	Bradford	Tioga
---------	-------	-----------	-------	--------	-------	--------------------------	--------------------------------	----------	-------

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton below Reservoir	5.00	3/30/1994	5.51	1,860	Minor	Passaic	Rockaway River	Morris	Morris
Macopin Intake Dam	5.50	3/24/1994	5.53	970	Minor	Passaic	Pequannock River	Passaic	Passaic
Pine Brook	19.00	3/30/1994	19.28	3,410	Minor	Passaic	Passaic River	Morris	Morris

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Little Falls (Washington DC)	10.00	3/30/1994	10.37	142,000	Minor	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	3/29/1994	11.58	4,480	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Point of Rocks	16.00	3/30/1994	19.00	113,000	Minor	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	3/31/1994	18.00	-9,999	Moderate	Potomac	Potomac River	Jefferson	Jefferson
Wisconsin Ave, Washington, DC	6.00	3/30/1994	7.20	-9,999	Moderate	Potomac	Potomac River	Dist. of Columbia	Dist. of Columbia

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lewisburg	18.00	3/26/1994	18.28	111,000	Minor	West Branch Susquehanna	West Branch Susquehanna River	Northumberland	Union
Milton	19.00	3/26/1994	19.00	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Union	Northumberland

Weather Summary

A strong Nor'easter moved up the coast on the 3rd of the March and dumped more than a foot of snow across much of the region. Additional wintry storms dumped additional snow and mixed precipitation on the 10th, 13th, and 15th, among other days during the first two-thirds of the month. After the passage of an occluded low on the 22nd, temperatures began to rise dramatically. Temperatures jumped into the 70s and 80s across much of the region by the 24th which caused the snow leftover from the previous snowfalls to melt. The rapid snowmelt, in combination with the heavy rains that fell on the 22nd, led to widespread minor to moderate flooding across many rivers and streams across the region.

Crest Statistics and Flood Information

Third flood of 3 that occurred in Mar, 1994

Seventh flood of 14 that occurred in 1994

Number of Floods at MARFC Forecast Points - 34

Number of Floods Cresting in Minor Range - 27

Number of Floods Cresting in Moderate Range - 7

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0