

Flood Event of 3/19/1998 - 3/23/1998

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	3/21/1998	16.21	5,070	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward
Matoaca	10.00	3/21/1998	11.97	14,100	Minor	Appomattox	Appomattox River	Dinwiddie	Chesterfield
Mattoax	21.00	3/22/1998	25.85	10,900	Moderate	Appomattox	Appomattox River	Chesterfield	Amelia

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	3/22/1998	24.90	-9,999	Moderate	James	James River	Fluvanna	Fluvanna
Cartersville	20.00	3/22/1998	21.71	81,000	Minor	James	James River	Goochland	Cumberland
Palmyra	17.00	3/21/1998	18.75	12,700	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	3/22/1998	16.76	86,900	Moderate	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
Hogestown	8.00	3/22/1998	8.90	-9,999	Minor	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Dawsonville	7.50	3/21/1998	9.09	5,280	Minor	Potomac	Seneca Creek	Montgomery	Montgomery

Frederick	15.00	3/21/1998	17.74	21,600	Moderate	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Leesburg	12.00	3/21/1998	17.43	16,500	Moderate	Potomac	Goose Creek	Loudoun	Loudoun
Little Falls (Washington DC)	10.00	3/22/1998	10.79	152,000	Minor	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	3/19/1998	10.49	3,110	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Martinsburg	10.00	3/21/1998	14.41	10,100	Moderate	Potomac	Opequon Creek	Berkeley	Berkeley
Point of Rocks	16.00	3/22/1998	20.24	123,000	Moderate	Potomac	Potomac River	Frederick	Frederick
Sharpsburg	8.00	3/21/1998	9.39	4,870	Minor	Potomac	Antietam Creek	Washington	Washington
Shepherdstown	15.00	3/22/1998	19.83	-9,999	Moderate	Potomac	Potomac River	Jefferson	Jefferson
Springfield	15.00	3/21/1998	18.09	29,200	Minor	Potomac	South Branch Potomac River	Hampshire	Hampshire
Wisconsin Ave, Washington, DC	6.00	3/23/1998	7.61	-9,999	Moderate	Potlomac	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	3/21/1998	14.02	14,200	Minor	Rappahannock	Rapidan River	Culpeper	Culpeper
Fredericksburg (Old Site)	18.00	3/21/1998	18.10	-9,999	Minor	Rappahannock	Rappahannock River	Spotsylvania	Independent City
Remington	15.00	3/21/1998	18.84	17,600	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

Weather Summary

A closed off upper level low pumped moisture northward from the Gulf and tracked across the Appalachian Mountains. This allowed for thunderstorms to develop and move through the region with some of them severe (tornadoes and hail produced). Up to 3 inches of rain fell in Virginia with at least 1 to 2 inches in Maryland, at least 1 inch in West Virginia, Pennsylvania and New Jersey. The main problem was that the grounds were already presoaked in many places and could not handle the additional rainfall.

Crest Statistics and Flood Information

Second flood of 2 that occurred in Mar, 1998

Eighth flood of 14 that occurred in 1998

Number of Floods at MARFC Forecast Points - 22

Number of Floods Cresting in Minor Range - 13

Number of Floods Cresting in Moderate Range - 9

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0