

Flood Event of 1/28/1998 - 2/1/1998

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	1/29/1998	18.87	8,710	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward
Mattoax	21.00	2/1/1998	24.77	9,280	Minor	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	1/28/1998	24.50	-9,999	Moderate	James	James River	Fluvanna	Fluvanna
Cartersville	20.00	1/29/1998	21.87	82,000	Minor	James	James River	Goochland	Cumberland
Palmyra	17.00	1/29/1998	21.97	18,500	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	1/29/1998	16.77	87,000	Moderate	James	James River	Henrico	Independent City

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Martinsburg	10.00	1/29/1998	12.08	5,300	Minor	Potomac	Opequon Creek	Berkeley	Berkeley

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Remington	15.00	1/29/1998	17.50	15,100	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

Weather Summary

A high pressure system instigated cold air damming along the east coast early in this event. A low pressure system developed along the Gulf and pulling moisture with it, tracked northeast across the Appalachian Mountains into the area of higher pressure. It shunted out into the Atlantic and strengthened dropping heavy rains over the Virginia states on its backside before heading out to sea. Up to 3 inches fell across Virginia and worsened the flooding with the presoaked ground.

Crest Statistics and Flood Information

Third flood of 3 that occurred in Jan, 1998

Third flood of 14 that occurred in 1998

Number of Floods at MARFC Forecast Points - 8

Number of Floods Cresting in Minor Range - 6

Number of Floods Cresting in Moderate Range - 2

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0