

# Flood Event of 1/12/1991 - 1/13/1991

## Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	1/12/1991	16.04	4,890	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward

## James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	1/13/1991	22.00	51,200	Minor	James	James River	Fluvanna	Fluvanna
Palmyra	17.00	1/12/1991	19.75	14,300	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	1/13/1991	14.91	65,700	Minor	James	James River	Henrico	Independent City

## Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Trenton	8.50	1/12/1991	8.55	1,920	Minor	Delaware	Assunpink Creek	Mercer	Mercer

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## Weather Summary

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A fairly strong high pressure system situated itself in Eastern Canada just north of New England and instigated a cold air damming scenario on the eastern side of the Appalachian Mountains. At the same time, a low pressure system developed near the Gulf Coast and headed east into the cold air and eventually northeast along the eastern coast. This prompted a large dose of precipitation to fall as rain in southern states and snow in the northern states. Precipitation amounts greater than inch in both Virginia and New Jersey were common.

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## Crest Statistics and Flood Information

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First flood of 2 that occurred in Jan, 1991

First flood of 7 that occurred in 1991

Number of Floods at MARFC Forecast Points - 5

Number of Floods Cresting in Minor Range - 5

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0