

Flood Event of 5/17/2003 - 5/20/2003

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	5/19/2003	16.26	5,133	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Buchanan	17.00	5/19/2003	18.57	44,600	Minor	James	James River	Botetourt	Botetourt
Richmond	12.00	5/20/2003	14.40	63,370	Minor	James	James River	Henrico	Independent City

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Frederick	15.00	5/17/2003	15.86	17,450	Minor	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick

Weather Summary

A weak low pressure system pushed through the Mid-Atlantic in the middle of May. Upwards of 2.00 inches of rain fell in parts of Virginia on the 16th and 17th as the low pushed eastward. Another low that originated over Texas pushed northeastward soon afterwards. Another low that originated over Texas pushed northeastward soon afterwards. This second low pressure system, which gathered moisture from the Gulf of Mexico, dumped an additional 0.50 to 2.00 inches of rain across Virginia and Maryland. Roanoke, VA was hit with 4.75 inches of rain from the 15th through the 20th. This heavy rain, in combination with the previous system, caused minor flooding at Roanoke and three other locations in Virginia and Maryland.

Crest Statistics and Flood Information

Second flood of 3 that occurred in May, 2003

Eighth flood of 24 that occurred in 2003

Number of Floods at MARFC Forecast Points - 4

Number of Floods Cresting in Minor Range - 4

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0