

# Flood Event of 3/2/2012 - 3/5/2012

## James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Richmond	12.00	3/3/2012	13.24	51,400	Minor	James	James River	Henrico	Independent City

## Weather Summary

Low pressure moved from the Tennessee Valley through the central Great Lakes into Canada on Feb 29 with the associated warm front giving the middle and upper James Basin one to two inches of rain. Amounts were even heavier in the upper Potomac Basin. While there were some sharp rises to near flood stage at couple of creeks in the Potomac, none of our forecast points flooded. Another strong low took a similar track on March 2. The associated warm front initially over the Carolinas produced overrunning rain with a few thunderstorms north of this boundary. This gave the middle and upper James 1/2 to 1 3/4 inches of rain. Stages in the lower James were above normal from the rain on the 29th and the additional rainfall pushed Richmond a little over flood stage. NOTE: Downstream bridge construction and a temporary dam may create more frequent flood and near flood conditions upstream of the Richmond-Westham gauge.

## Crest Statistics and Flood Information

First flood of 2 that occurred in Mar, 2012

First flood of 7 that occurred in 2012

Number of Floods at MARFC Forecast Points - 1

Number of Floods Cresting in Minor Range - 1

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0