

Flood Event of 4/15/2004 - 4/15/2004

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	4/15/2004	20.10	-9,999	Minor	James	James River	Fluvanna	Fluvanna
Richmond	12.00	4/15/2004	13.36	52,292	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
Pemberton	2.50	4/15/2004	2.58	703	Minor	Delaware	North Branch Rancocas Creek	Burlington	Burlington

Weather Summary

A stationary front which stretched from Louisiana to the North Carolina/Virginia border on the 11th of April brought the first day of rain to the James River Basin in Virginia. Only about one quarter inch of rain fell over the area, but, due to the development of a low just southwest of the region, the next four days would provide nearly 3 inches of rain to the basin. This slow moving system strengthened quickly as it moved to Mississippi on the 12th dumping between 1.5 and 2 inches over the James River Basin and nearly 1 inch over Southwestern New Jersey. Pulling its moisture further northward by way of the warm front on the 13th which stretched from Georgia to Cape Cod, MA, Lower Delaware River Basin in New Jersey received over 1.5 inches. From April 13-14, the James River Basin received an additional .5- 1 inch of rain. By the time the system moved off-shore on the 15th, New Jersey saw more than one half inch of further rain resulting in storm totals of nearly 3.5 inches.

Crest Statistics and Flood Information

First flood of 1 that occurred in Apr, 2004

Fifth flood of 16 that occurred in 2004

Number of Floods at MARFC Forecast Points - 3

Number of Floods Cresting in Minor Range - 3

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0