

# Flood Event of 3/17/1973 - 3/19/1973

## James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	3/19/1973	22.10	51,200	Minor	James	James River	Fluvanna	Fluvanna
Buchanan	17.00	3/18/1973	19.23	47,300	Minor	James	James River	Botetourt	Botetourt
Lick Run	16.00	3/17/1973	18.66	31,200	Minor	James	James River	Botetourt	Botetourt
Richmond	12.00	3/19/1973	14.26	59,800	Minor	James	James River	Henrico	Independent City

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## Weather Summary

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On March 13th, 1973, an upper level long wave trough over the western United States created ridging over the eastern half of the United States. The trough then took a negative tilt over the central plains, where a closed low developed. The 976mb low occluded over Nebraska, with a cold front extending from the upper Great Plains down to the gulf coast. The occluded front slowly moved into the Ohio River Valley, and the upper low moving into the Great Lakes region. The secondary front was stalled from March 15th to March 17th. This brought 2.98 inches of precipitation to Montebello, VA, 2.58 inches to Clifton Forge, and 2.46 inches of rain to Hot Springs, VA from March 15, 1973 to March 19, 1973. Provided by Chad Eichelberger – The Pennsylvania State University

Source: Provided by Chad Eichelberger – The Pennsylvania State University

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## Crest Statistics and Flood Information

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First flood of 1 that occurred in Mar, 1973

Fifth flood of 16 that occurred in 1973

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