

# Flood Event of 5/7/2013 - 5/11/2013

## James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	5/9/2013	24.60	-9,999	Moderate	James	James River	Fluvanna	Fluvanna
Buchanan	17.00	5/8/2013	19.58	40,500	Minor	James	James River	Botetourt	Botetourt
Lick Run	16.00	5/7/2013	17.29	29,500	Minor	James	James River	Botetourt	Botetourt
Richmond	12.00	5/10/2013	15.00	66,700	Moderate	James	James River	Henrico	Independent City

## Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Edwards Ferry	15.00	5/10/2013	16.04	-9,999	Minor	Potomac	Potomac River	Montgomery	Montgomery
Great Cacapon	9.00	5/8/2013	12.39	13,600	Minor	Potomac	Cacapon River	Morgan	Morgan

## Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Culpeper	13.00	5/8/2013	14.35	14,700	Minor	Rappahannock	Rapidan River	Culpeper	Culpeper

## Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Millville	10.00	5/9/2013	13.16	38,500	Minor	Shenandoah	Shenandoah River	Jefferson	Jefferson

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## South Branch Potomac

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Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Springfield	15.00	5/8/2013	16.79	25,900	Minor	South Branch Potomac	South Branch Potomac River	Hampshire	Hampshire

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## Weather Summary

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A cut off low crept up the Eastern Seaboard and produced pockets of very heavy rain over a few days. The cut off was centered near the NC/SC border on the morning of May 7 and moved through Pennsylvania by May 9. A plume of Atlantic moisture wrapped inland ahead of an occluded cold front as the boundary slowly lifted northward. The more impressive PWs were well offshore but a ribbon of 1.0-1.5 inches along with a 30 TO 40 KT moist southeasterly to easterly 850 H flow produced moderate to heavy upslope rain across VA on May 7-8. The closed low weakened and began to fill in as it moved into Pennsylvania but still produced pockets of two to three inches of rain in eastern Pennsylvania and New Jersey. However rises here were minor.

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## Crest Statistics and Flood Information

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First flood of 2 that occurred in May, 2013

Fourth flood of 17 that occurred in 2013

Number of Floods at MARFC Forecast Points - 9

Number of Floods Cresting in Minor Range - 7

Number of Floods Cresting in Moderate Range - 2

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0