

# Flood Event of 6/10/2013 - 6/12/2013

## Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Pemberton	2.50	6/11/2013	2.54	566	Minor	Delaware	North Branch Rancocas Creek	Burlington	Burlington

## Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Dawsonville	7.50	6/10/2013	8.64	3,230	Minor	Potomac	Seneca Creek	Montgomery	Montgomery
Dawsonville	7.50	6/10/2013	9.09	3,750	Minor	Potomac	Seneca Creek	Montgomery	Montgomery

## Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Culpeper	13.00	6/10/2013	16.51	17,700	Minor	Rappahannock	Rapidan River	Culpeper	Culpeper
Remington	15.00	6/10/2013	16.11	12,900	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

## Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Langhorne	9.00	6/11/2013	9.60	7,530	Minor	Neshaminy	Neshaminy Creek	Bucks	Bucks

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## Weather Summary

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Another round of showers and thunderstorms occurred across the MARFC basins on June 10. This was just a couple of days after the MARFC basins saw moderate to heavy rain that was partially caused by the remnants of Tropical Storm Andrea. An upper level trough moved eastward towards the coast; along with a slow moving warm front. Deep Southerly flow of tropical moisture (35-40kt AT 850mb) from the Gulf of Mexico along with unstable air enhanced conditions to spawn widespread coverage of convection throughout the East Coast. Thunderstorms with very heavy rain developed early morning on the 10th leading to the flooding in portions of VA. A few inches of rain fell near Culpeper in 3 hour period. A cold front followed later on the 10th and gave some locations another 1 to 2 inches of rain.

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## Crest Statistics and Flood Information

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Second flood of 4 that occurred in Jun, 2013

Seventh flood of 17 that occurred in 2013

Number of Floods at MARFC Forecast Points - 6

Number of Floods Cresting in Minor Range - 6

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0