

Flood Event of 9/30/2015 - 9/30/2015

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Leesburg	12.00	9/30/2015	12.15	7,600	Minor	Potomac	Goose Creek	Loudoun	Loudoun

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Remington	15.00	9/30/2015	15.04	10,700	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

Weather Summary

Very heavy rain fell across portions of the MARFC basins on Sept 29 into early Sept 30. 1 to 2 inches was a common amount with several spots picking up between 4 to 7 inches. A couple of waves of low pressure moved along a slow moving cold front. A large plume of very deep moisture was in place as an unusual upper level low situated over the gulf coast region ushered in Gulf and Atlantic moisture. There was even Pacific moisture at higher levels moving into the region. Some areas had training given the nearly unidirectional south-southwesterly flow throughout much of the troposphere. Due to the recent dry conditions, only two of our forecast points experienced flooding.

Crest Statistics and Flood Information

First flood of 1 that occurred in Sep, 2015

Eighth flood of 10 that occurred in 2015

Number of Floods at MARFC Forecast Points - 2

Number of Floods Cresting in Minor Range - 2

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0