

Flood Event of 2/6/2014 - 2/6/2014

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Great Cacapon	9.00	2/6/2014	10.84	10,300	Minor	Potomac	Cacapon River	Morgan	Morgan

Weather Summary

Three weather systems brought a mixed bag of precipitation to our basins over a several day period. Feb 2 saw a cold front extending SW from a low in New England. The front produced some light snow across our northern basins as it moved southeast. A wave of low pressure moved up the front from the Gulf of Mexico to eastern North Carolina on Feb 3 spreading the next round of precipitation over the basins. Mostly all rain fell across the lower Schuylkill, lower Potomac southward into the Shenandoah, Rappahannock, James and Appomattox basins with mainly snow elsewhere. 1 to 2 inches of water equivalents was common across our southern basins. A brief period of dry weather occurred followed by the next and most significant of the three weather systems. Low pressure developed near Louisiana on Feb 4 and moved northeast through the Tennessee Valley into the Virginia basin on Feb 5. Initially a surge of warm air with this system produced rain over the basins except the northern quarter.

Crest Statistics and Flood Information

First flood of 1 that occurred in Feb, 2014

Third flood of 8 that occurred in 2014

Number of Floods at MARFC Forecast Points - 1

Number of Floods Cresting in Minor Range - 1

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0