

Flood Event of 9/9/2004 - 9/10/2004

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Campbell	8.00	9/9/2004	8.09	12,200	Minor	Chemung	Cohocton River	Steuben	Steuben
Chemung	16.00	9/10/2004	16.05	49,500	Minor	Chemung	Chemung River	Chemung	Chemung
Elmira	12.00	9/9/2004	12.85	-9,999	Minor	Chemung	Chemung River	Chemung	Chemung

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	9/10/2004	19.20	-9,999	Minor	James	James River	Fluvanna	Fluvanna
Palmyra	17.00	9/9/2004	17.98	12,200	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	9/10/2004	12.81	48,000	Minor	James	James River	Henrico	Independent City

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Huntingdon	12.00	9/9/2004	13.45	26,100	Moderate	Juniata	Juniata River	Huntingdon	Huntingdon
Saxton	17.00	9/9/2004	17.15	32,600	Minor	Juniata	Raystown Branch Juniata River	Bedford	Bedford
Shirleysburg	10.00	9/9/2004	10.79	6,650	Minor	Juniata	Aughwick Creek	Huntingdon	Huntingdon
Spruce Creek	8.00	9/9/2004	12.94	15,800	Moderate	Juniata	Little Juniata River	Huntingdon	Huntingdon
Williamsburg	12.00	9/9/2004	16.91	13,600	Major	Juniata	Frankstown Branch Juniata River	Blair	Blair

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Pompton Lakes	9.00	9/9/2004	12.32	2,210	Missing	Passaic	Ramapo River	Passaic	Passaic

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Martinsburg	10.00	9/9/2004	13.21	6,980	Moderate	Potomac	Opequon Creek	Berkeley	Berkeley
Moorefield	10.00	9/10/2004	10.31	-9,999	Minor	Potomac	South Fork South Branch Potomac River	Hardy	Hardy

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Beech Creek Station	11.00	9/9/2004	12.69	6,980	Minor	West Branch Susquehanna	Bald Eagle Creek	Clinton	Clinton

Weather Summary

Hurricane Frances, which impacted Florida for the second time on September 6, moved northward into Georgia and Alabama, quickly weakening upon traveling inland. A long cold front extending into the Gulf South associated with a low centered in Canada, picked up the remnants of Frances, thus forming a new low along the boundary on September 8. As it moved north along the western portions of Virginia, West Virginia, Pennsylvania and New York, the swath of precipitation associated with the system brought extremely heavy rains to the basins of the region including the James (VA), Potomac (WV), Juniata (PA), West Branch Susquehanna (PA), Chemung (NY) and even the Passaic (NJ). Between September 7 and 9, the James, Chemung, Passaic and Potomac (WV portion) Basins received 2 -3 inches, the West Branch Susquehanna received 1.5 – 4 inches and the Juniata received between 2.5 and 6 inches during the event.

Crest Statistics and Flood Information

First flood of 3 that occurred in Sep, 2004

Thirteenth flood of 16 that occurred in 2004

Number of Floods at MARFC Forecast Points - 15

Number of Floods Cresting in Minor Range - 10

Number of Floods Cresting in Moderate Range - 3

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 1