

Flood Event of 12/1/1934 - 12/4/1934

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	12/2/1934	17.23	6,500	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward
Mattoax	21.00	12/4/1934	23.66	8,190	Minor	Appomattox	Appomattox River	Amelia	Amelia

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	12/1/1934	11.99	11,000	Minor	Delaware	Beaver Kill	Delaware	Delaware
Fishs Eddy	13.00	12/1/1934	14.47	25,500	Minor	Delaware	Delaware River	Delaware	Delaware

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bent Creek	16.00	12/1/1934	19.65	86,200	Minor	James	James River	Nelson	Appomattox
Cartersville	20.00	12/2/1934	24.95	104,000	Moderate	James	James River	Goochland	Cumberland
Holcomb Rock	22.00	12/1/1934	24.65	73,500	Moderate	James	James River	Bedford	Bedford
Lick Run	16.00	12/1/1934	16.82	25,700	Minor	James	James River	Botetourt	Botetourt
Palmyra	17.00	12/1/1934	20.60	13,200	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	12/3/1934	19.08	109,000	Moderate	James	James River	Henrico	Independent City
Scottsville	20.00	12/2/1934	22.63	86,800	Moderate	James	James River	Albemarle	Albermarle

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harper Tavern	9.00	12/2/1934	11.54	10,400	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Hogestown	8.00	12/2/1934	11.32	13,100	Moderate	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Monroeton	14.00	12/1/1934	14.10	8,500	Minor	Upper Main Stem Susquehanna	Towanda Creek	Bradford	Bradford
Penns Creek	8.00	12/1/1934	8.52	6,010	Minor	Penns Creek	Penns Creek	Snyder	Snyder
Shermans Dale	9.00	12/1/1934	12.28	16,700	Moderate	Lower Main Stem Susquehanna	Sherman Creek	Perry	Perry

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Fairview	10.00	12/1/1934	14.80	16,300	Moderate	Potomac	Conococheague Creek	Washington	Washington
Frederick	15.00	12/2/1934	17.20	22,800	Moderate	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Great Cacapon	9.00	12/2/1934	9.80	9,260	Minor	Potomac	Cacapon River	Morgan	Morgan
Leesburg	12.00	12/1/1934	15.00	7,010	Moderate	Potomac	Goose Creek	Loudoun	Loudoun
Little Falls (Washington DC)	10.00	12/2/1934	13.50	139,000	Moderate	Potomac	Potomac River	Montgomery	Montgomery
Point of Rocks	16.00	12/2/1934	19.78	128,000	Minor	Potomac	Potomac River	Frederick	Frederick
Sharpsburg	8.00	12/1/1934	10.80	5,730	Moderate	Potomac	Antietam Creek	Washington	Washington

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
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Culpeper	14.00	12/2/1934	14.77	9,840	Minor	Rappahannock	Rapidan River	Culpeper	Culpeper
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Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cootes Store	15.00	12/1/1934	19.00	24,600	Moderate	Shenandoah	Shenandoah River	Rockingham	Rockingham
Front Royal	12.00	12/2/1934	17.99	47,400	Moderate	Shenandoah	Shenandoah River	Warren	Warren
Lynnwood	16.00	12/1/1934	21.62	45,600	Major	Shenandoah	Shenandoah River	Rockingham	Rockingham
Millville	13.50	12/2/1934	17.40	64,800	Major	Shenandoah	Shenandoah River	Jefferson	Jefferson
Strasburg	17.00	12/2/1934	18.99	20,500	Minor	Shenandoah	North Fork Shenandoah River	Warren	Shenandoah

Weather Summary

Maddox Frontal - Similar to many eastern US heavy rainfall events with strong PW surges, this event had the strong ridge off the East Coast. An east-west boundary initially became more north-south as a surge of strong southerly winds and above normal PW air came into the region. Rainfall may have been enhanced by the deep surface cyclone which moved into the Great Lakes and the deep 500 hPa trough. – (Rich Grumm National Weather Service State College, PA)

Source: Grumm NWS WFO CTP

Crest Statistics and Flood Information

First flood of 1 that occurred in Dec, 1934

Eighth flood of 8 that occurred in 1934

Number of Floods at MARFC Forecast Points - 29

Number of Floods Cresting in Minor Range - 14

Number of Floods Cresting in Moderate Range - 13

Number of Floods Cresting in Major Range - 2

Number of Floods Cresting in Missing Range - 0