

Flood Event of 11/29/2005 - 12/1/2005

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Elmira	12.00	11/30/2005	12.47	38,700	Minor	Chemung	Chemung River	Chemung	Chemung

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	11/30/2005	10.34	10,400	Minor	Delaware	Beaver Kill	Delaware	Delaware

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	11/30/2005	21.51	-9,999	Minor	James	James River	Fluvanna	Fluvanna
Palmyra	17.00	11/30/2005	19.53	14,300	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	12/1/2005	14.36	60,500	Minor	James	James River	Henrico	Independent City

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Shirleysburg	10.00	11/30/2005	12.15	8,980	Moderate	Juniata	Aughwick Creek	Huntingdon	Huntingdon
Spruce Creek	8.00	11/29/2005	8.74	6,790	Minor	Juniata	Little Juniata River	Huntingdon	Huntingdon

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
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Monroeton	14.00	11/30/2005	15.74	11,600	Minor	Upper Main Stem Susquehanna	Towanda Creek	Bradford	Bradford
Penns Creek	8.00	11/30/2005	8.24	5,970	Minor	Penns Creek	Penns Creek	Snyder	Snyder
Shermans Dale	9.00	11/30/2005	9.37	6,750	Minor	Lower Main Stem Susquehanna	Sherman Creek	Perry	Perry
Towanda	16.00	11/30/2005	16.03	98,000	Minor	Upper Main Stem Susquehanna	Susquehanna River	Bradford	Bradford

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Waverly	11.00	11/30/2005	13.11	56,100	Minor	North Branch Susquehanna	North Branch Susquehanna River	Bradford	Tioga

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Pompton Lakes	9.00	12/1/2005	9.60	1,990	Minor	Passaic	Ramapo River	Passaic	Passaic

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Great Cacapon	9.00	11/30/2005	10.85	10,300	Minor	Potomac	Cacapon River	Morgan	Morgan
Martinsburg	10.00	11/30/2005	11.70	4,540	Minor	Potomac	Opequon Creek	Berkeley	Berkeley

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Remington	15.00	11/30/2005	15.80	13,400	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

Shenandoah

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Front Royal	12.00	11/30/2005	13.64	30,200	Minor	Shenandoah	Shenandoah River	Warren	Warren
Luray	14.00	11/30/2005	15.77	33,800	Minor	Shenandoah	South Fork Shenandoah River	Page	Page
Lynnwood	16.00	11/30/2005	17.81	28,700	Moderate	Shenandoah	Shenandoah River	Rockingham	Rockingham
Millville	13.50	12/1/2005	13.62	41,200	Minor	Shenandoah	Shenandoah River	Jefferson	Jefferson
Waynesboro	9.50	11/29/2005	10.54	6,610	Minor	Shenandoah	South River	Augusta	Independent City

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Beech Creek Station	11.00	11/30/2005	11.78	5,520	Minor	West Branch Susquehanna	Bald Eagle Creek	Clinton	Clinton

Weather Summary

A low, which originated over Oklahoma, deepened rapidly as it moved into the Mid-Atlantic region on November 27 straight towards a well-established high centered over Newfoundland. Blocked to the east, the system slowed as it attempted to pull northward allowing its cold front to practically stall and provide steady, heavy rain over the James, Upper Delaware, Upper Main Stem Susquehanna, Shenandoah and Rappahannock Basins between November 27 and 29 for the southern basins and November 28-30 for northern basins. Totals for the system generally ranged between 1.5 and 3 inches for the Rappahannock and Shenandoah; and 2-4 inches for the Upper Main Stem Susquehanna, James and Upper Delaware Basins.

Crest Statistics and Flood Information

First flood of 1 that occurred in Nov, 2005

Seventh flood of 8 that occurred in 2005

Number of Floods at MARFC Forecast Points - 22

Number of Floods Cresting in Minor Range - 20

Number of Floods Cresting in Moderate Range - 2

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0