

Flood Event of 3/15/2007 - 3/18/2007

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Farmville	16.00	3/17/2007	16.63	5,580	Minor	Appomattox	Appomattox River	Cumberland	Prince Edward

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chemung	16.00	3/15/2007	16.63	53,300	Minor	Chemung	Chemung River	Chemung	Chemung
Elmira	12.00	3/15/2007	13.17	42,600	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	3/18/2007	19.00	-9,999	Minor	James	James River	Fluvanna	Fluvanna
Richmond	12.00	3/18/2007	12.92	48,900	Minor	James	James River	Henrico	Independent City

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Walton	9.50	3/15/2007	10.51	8,100	Minor	Delaware	West Branch Delaware River	Delaware	Delaware

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bainbridge	13.00	3/15/2007	15.08	-9,999	Minor	North Branch Susquehanna	North Branch Susquehanna River	Chenango	Chenango

Conklin	11.00	3/16/2007	13.19	26,800	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	3/15/2007	9.85	5,930	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Greene	13.00	3/16/2007	13.31	-9,999	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Sherburne	8.00	3/15/2007	9.15	4,950	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Vestal	18.00	3/16/2007	19.91	-9,999	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	3/16/2007	14.20	62,900	Minor	North Branch Susquehanna	North Branch Susquehanna River	Tioga	Tioga
Windsor	17.00	3/16/2007	17.47	24,000	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome

Upper Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Meshoppen	27.00	3/16/2007	27.84	125,000	Minor	Main Stem Susquehanna	Susquehanna River	Wyoming	Wyoming
Towanda	16.00	3/16/2007	17.46	110,000	Minor	Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Wilkes-Barre	22.00	3/16/2007	22.96	123,000	Minor	Main Stem Susquehanna	Susquehanna River	Luzerne	Luzerne

Weather Summary

Starting on March 9, warmer temperatures began to migrate northward into the northern Pennsylvania/New York Basins, allowing the remaining 4-8 inches of snow to melt. The rain which fell on the 14th and 15th melted any additional snow that remained as temperatures and dew points reached above 50F. A faster moving cold front dropped in behind it on the 15th and the warmer temperatures were forced southward into Virginia. A weak low parading across the front quickly developed along the North Carolina coast and pulled northward on the 17th bringing moderate precipitation to Susquehanna Basins. Between March 14th and 18th the James, Chemung, North Branch and Upper Main Stem Susquehanna received 1.5 - 2.5 inches of rain.

Crest Statistics and Flood Information

Second flood of 3 that occurred in Mar, 2007

Third flood of 8 that occurred in 2007

Number of Floods at MARFC Forecast Points - 17

Number of Floods Cresting in Minor Range - 16

Number of Floods Cresting in Moderate Range - 1

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0