

Flood Event of 7/27/2004 - 7/29/2004

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lancaster	11.00	7/28/2004	14.43	13,500	Moderate	Conestoga	Conestoga River	Lancaster	Lancaster

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Sherburne	8.00	7/29/2004	8.80	4,250	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Stanton	8.00	7/28/2004	8.89	5,062	Minor	Raritan	South Branch Raritan River	Hunterdon	Hunterdon

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Graterford	11.00	7/28/2004	12.49	19,030	Minor	Schuylkill	Perkiomen Creek	Montgomery	Montgomery
Pottstown	13.00	7/28/2004	13.02	23,327	Minor	Schuylkill	Schuylkill River	Montgomery	Montgomery

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Beech Creek Station	11.00	7/27/2004	11.35	4,897	Minor	West Branch Susquehanna	Bald Eagle Creek	Clinton	Clinton

Weather Summary

On July 26, a weak low centered over West Virginia/Ohio border moved very slowly north-northeastward towards western Pennsylvania. The dry line associated with the system extended northward across PA and into NY, positioning itself along the western edge of Susquehanna Basins and triggering the formation of thunderstorms which accompanied a large swath of rain just east of the boundary. Because of the slow moving nature of the system, Susquehanna Basin precipitation totals from July 26-27 reached 1.5-2.5 inches over North Branch, 2-2.5 over West Branch and Lower Main Stem. For river basins further to the east, precipitation fell between July 27 and 28. For river basins further to the east, precipitation fell between July 27 and 28 where the Raritan Basin received 2 - 2.5 inches and the southeastern PA Basin of the Delaware received 2 - 4.5 inches. The month of July proved to be an exceptionally wet month where Pennsylvania and New Jersey Basin monthly precipitation totals were 80-100% above average.

Crest Statistics and Flood Information

Third flood of 3 that occurred in Jul, 2004

Eighth flood of 16 that occurred in 2004

Number of Floods at MARFC Forecast Points - 6

Number of Floods Cresting in Minor Range - 5

Number of Floods Cresting in Moderate Range - 1

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0