

Flood Event of 8/2/2009 - 8/3/2009

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Trenton	8.50	8/2/2009	8.96	1,840	Minor	Delaware	Assunpink Creek	Mercer	Mercer

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Stanton	8.00	8/2/2009	11.17	8,940	Moderate	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
Langhorne	9.00	8/2/2009	12.16	12,400	Major	Neshaminy	Neshaminy Creek	Bucks	Bucks

Weather Summary

A warm front moved across the Mid-Atlantic Region in the pre-dawn hours on the 2nd. A southeast flow, 70+ dewpoints, precipitable water of 2 inches and upper level divergence from a jet to the NW produced reforming showers and thunderstorms. 0.50 to 1.75 inches fell across the Raritan and SE PA. A cold front then produced a line of showers and thunderstorms during the late morning and early afternoon on the 2nd. This line produced an additional 1 to 3 inches of rain. Langhorne, PA rose around 9 feet in 6 hours.

Crest Statistics and Flood Information

First flood of 2 that occurred in Aug, 2009

Eleventh flood of 17 that occurred in 2009

Number of Floods at MARFC Forecast Points - 3

Number of Floods Cresting in Minor Range - 1

Number of Floods Cresting in Moderate Range - 1

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 0