

Flood Event of 6/7/2013 - 6/9/2013

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Trenton	8.50	6/8/2013	8.98	2,290	Minor	Delaware	Assunpink Creek	Mercer	Mercer

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton below Reservoir	5.00	6/8/2013	5.44	1,660	Minor	Passaic	Rockaway River	Morris	Morris

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	6/8/2013	12.62	7,510	Moderate	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	6/8/2013	29.14	20,600	Minor	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	6/8/2013	15.24	15,200	Minor	Raritan	Raritan River	Somerset	Somerset

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Langhorne	9.00	6/8/2013	11.59	10,200	Moderate	Neshaminy	Neshaminy Creek	Bucks	Bucks

Weather Summary

The first slug of moisture interacted with a northern stream shortwave and slow moving cold front across our western basins on June 5-6. Many areas saw 1 to 3+ inches of rain in our western basins but no flooding occurred. As the disturbance lifted out, the nearly stationary front now extended through the Delaware Basin with the remnants of Tropical Storm Andrea moving NE along the eastern seaboard on June 7-8. A deep southerly flow, low level jet brought in increasing abundant moisture (PW over 2 inches or 200 percent of normal) and interaction with the north-south cold front resulted in the heavy rainfall along the I-95 corridor.

Crest Statistics and Flood Information

First flood of 4 that occurred in Jun, 2013

Sixth flood of 17 that occurred in 2013

Number of Floods at MARFC Forecast Points - 6

Number of Floods Cresting in Minor Range - 4

Number of Floods Cresting in Moderate Range - 2

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0