

Flood Event of 3/29/2010 - 4/4/2010

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Pemberton	2.50	3/31/2010	3.51	1,360	Moderate	Delaware	North Branch Rancocas Creek	Burlington	Burlington
Trenton	8.50	3/30/2010	8.99	1,850	Minor	Delaware	Assunpink Creek	Mercer	Mercer

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	3/31/2010	5.53	2,600	Minor	Passaic	Rockaway River	Morris	Morris
Boonton below Reservoir	5.00	3/31/2010	6.35	2,410	Minor	Passaic	Rockaway River	Morris	Morris
Chatham	6.00	3/30/2010	6.34	1,400	Minor	Passaic	Passaic River	Morris	Morris
Little Falls	7.00	4/1/2010	8.70	9,500	Moderate	Passaic	Passaic River	Passaic	Passaic
Lodi	6.00	3/30/2010	6.12	1,880	Minor	Passaic	Saddle River	Bergen	Bergen
Macopin Intake Dam	5.50	3/31/2010	5.59	1,200	Minor	Passaic	Pequannock River	Passaic	Passaic
Mahwah	8.00	3/30/2010	8.09	3,120	Minor	Passaic	Ramapo River	Bergen	Bergen
Pine Brook	19.00	4/1/2010	20.23	4,370	Moderate	Passaic	Passaic River	Morris	Morris
Pompton Plains	16.00	3/31/2010	16.90	9,030	Minor	Passaic	Pompton River	Passaic	Morris
Wanaque	5.00	3/31/2010	6.13	1,670	Moderate	Passaic	Wanaque River	Passaic	Passaic

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Martinsburg	10.00	3/29/2010	10.63	3,140	Minor	Potomac	Opequon Creek	Berkeley	Berkeley

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	3/31/2010	11.89	7,050	Moderate	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	3/31/2010	29.11	20,700	Minor	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	3/31/2010	14.76	13,900	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	3/30/2010	9.28	7,190	Minor	Neshaminy	Neshaminy Creek	Bucks	Bucks

Weather Summary

As March of 2010 drew to a close, yet another low pressure system impacted the Mid-Atlantic States, bringing even more rain to an already soaked region. An occluding low and its associated fronts marched eastward across the eastern United States on the 28th and 29th. Generally, 1.00 to 2.00 inches of rain fell across much of the Mid-Atlantic on the 28th. However, as the low stalled off the Eastern Seaboard on the 30th, it began to reorganize and intensify. As a result, heavy rain continued to fall over NJ, Delaware, eastern PA and eastern NY. An additional 1.00 to 2.00 inches fell across this region before the low finally pushed away from the coast on the 31st. This persistent, heavy rainfall caused already saturated soil and streams in NJ, southeastern NY, and eastern PA to return back above flood stage once again.

Crest Statistics and Flood Information

Third flood of 3 that occurred in Mar, 2010

Fifth flood of 10 that occurred in 2010

Number of Floods at MARFC Forecast Points - 17

Number of Floods Cresting in Minor Range - 12

Number of Floods Cresting in Moderate Range - 5

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0