

# Flood Event of 3/23/2010 - 3/25/2010

## Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	3/23/2010	11.64	14,400	Minor	Delaware	Beaver Kill	Delaware	Delaware
Harvard	10.00	3/24/2010	10.29	7,990	Minor	Delaware	East Branch Delaware River	Delaware	Delaware
Walton	9.50	3/23/2010	11.06	9,270	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	15.00	3/24/2010	15.00	20,300	Minor	North Branch Susquehanna	North Branch Susquehanna River	Chenango	Chenango
Unadilla	11.00	3/24/2010	11.29	13,900	Minor	North Branch Susquehanna	North Branch Susquehanna River	Otsego	Otsego

## Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	3/23/2010	5.38	2,420	Minor	Passaic	Rockaway River	Morris	Morris
Boonton below Reservoir	5.00	3/23/2010	5.99	2,100	Minor	Passaic	Rockaway River	Morris	Morris
Little Falls	7.00	3/24/2010	7.44	7,390	Minor	Passaic	Passaic River	Passaic	Passaic
Pine Brook	19.00	3/24/2010	19.33	3,010	Minor	Passaic	Passaic River	Morris	Morris
Wanaque	5.00	3/23/2010	5.39	1,190	Minor	Passaic	Wanaque River	Passaic	Passaic

---

## Weather Summary

---

An occluding low pressure system and its associated fronts cut northeastward through the eastern third of the United States on the 22nd, 23rd, and 24th of March. During this time, the low began to deepen as it interacted with a jet streak and moisture from the Atlantic. The center of the system passed right through PA and NJ before a secondary low formed from a triple point located just off of the New England coastline. This system dumped 1.00 to 3.00 inches of rain across northern NJ and Southern NY before it finally pushed off to the Northeast. This area had been impacted by major flooding less than a week beforehand. Therefore, the rainfall from this system caused several rivers and streams in the already saturated Passaic, Raritan, and Delaware s to rise back above flood stage.

---

## Crest Statistics and Flood Information

---

Second flood of 3 that occurred in Mar, 2010

Fourth flood of 10 that occurred in 2010

Number of Floods at MARFC Forecast Points - 10

Number of Floods Cresting in Minor Range - 10

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0