

Flood Event of 6/23/2011 - 6/24/2011

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lodi	6.00	6/23/2011	6.85	2,300	Minor	Passaic	Saddle River	Bergen	Bergen
Macopin Intake Dam	5.50	6/24/2011	5.60	1,250	Minor	Passaic	Pequannock River	Passaic	Passaic
Mahwah	8.00	6/23/2011	8.73	3,540	Minor	Passaic	Ramapo River	Bergen	Bergen

Weather Summary

A warm front moved slowly northeast on the 22nd and spread a very moist unstable air mass across the region. Afternoon heating and a weak upper level disturbance fueled thunderstorm development. Several spots picked up 1.5 to 2.5 inches in the upper Delaware and Passaic Basins. The warm front stalled across northwestern New York through northern New Jersey. Another upper level disturbance fired up a small area of slow moving thunderstorms during the late morning of the 23rd. Two to 4.5 inches fell in a few hours in in the upper Delaware and Passaic basins which resulted in minor flooding at three of our forecast points in the Passaic Basin.

Crest Statistics and Flood Information

Second flood of 2 that occurred in Jun, 2011
Tenth flood of 18 that occurred in 2011
Number of Floods at MARFC Forecast Points - 3

Number of Floods Cresting in Minor Range - 3
Number of Floods Cresting in Moderate Range - 0
Number of Floods Cresting in Major Range - 0
Number of Floods Cresting in Missing Range - 0