

Flood Event of 12/21/2012 - 12/23/2012

Brandywine

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chadds Ford	9.00	12/21/2012	9.11	5,570	Minor	Christina	Brandywine Creek	Delaware	Delaware

Neshaminy

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Langhorne	9.00	12/21/2012	10.09	8,150	Moderate	Neshaminy	Neshaminy Creek	Bucks	Bucks

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton below Reservoir	5.00	12/22/2012	5.56	1,750	Minor	Passaic	Rockaway River	Morris	Morris
Macopin Intake Dam	5.50	12/21/2012	6.39	2,030	Minor	Passaic	Pequannock River	Passaic	Passaic
Mahwah	8.00	12/21/2012	8.52	3,410	Minor	Passaic	Ramapo River	Bergen	Bergen

Weather Summary

Low pressure moved from Illinois early Dec 20 and Intensified as it moved northeast across Lake Erie early Dec 21. Deep Moisture ahead of a strong cold front spread rain and some snow into our western basins during the afternoon. The cold front combined with a surface low moving northward. This system brought moderate to heavy rainfall to our basins especially across eastern New York, eastern half of Pennsylvania, New Jersey and eastern Maryland Basins.

Crest Statistics and Flood Information

First flood of 2 that occurred in Dec, 2012

Sixth flood of 7 that occurred in 2012

Number of Floods at MARFC Forecast Points - 5

Number of Floods Cresting in Minor Range - 4

Number of Floods Cresting in Moderate Range - 1

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0