

Flood Event of 2/13/2008 - 2/15/2008

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	2/14/2008	5.46	2,510	Minor	Passaic	Rockaway River	Morris	Morris
Boonton below Reservoir	5.00	2/14/2008	6.31	2,370	Minor	Passaic	Rockaway River	Morris	Morris
Lodi	6.00	2/13/2008	6.41	2,000	Minor	Passaic	Saddle River	Bergen	Bergen
Macopin Intake Dam	5.50	2/14/2008	5.54	1,120	Minor	Passaic	Pequannock River	Passaic	Passaic
Pine Brook	19.00	2/15/2008	19.46	2,710	Minor	Passaic	Passaic River	Morris	Morris

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	2/14/2008	10.26	4,980	Moderate	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	2/14/2008	29.69	22,100	Minor	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	2/14/2008	15.10	16,600	Minor	Raritan	Raritan River	Somerset	Somerset
Raritan	10.00	2/13/2008	10.62	10,500	Minor	Raritan	North Branch Raritan River	Somerset	Somerset

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chadds Ford	9.00	2/13/2008	9.02	6,030	Minor	Delaware	Brandywine Creek	Delaware	Delaware
Graterford	11.00	2/13/2008	12.08	17,800	Minor	Schuylkill	Perkiomen Creek	Montgomery	Montgomery

Weather Summary

A series of low pressure waves, a retreating Artic air mass and overrunning produced heavy precipitation of 2 to 4 inches (liquid equivalent) across New Jersey and southeastern Pennsylvania. Rain was the predominate precipitation type, although some snow and sleet did occur at the beginning of the storm. This resulted in flooding at several locations in the Passaic, Raritan and southeastern Pennsylvania Basins. Some snow, sleet and ice melt contributed to the runoff.

Crest Statistics and Flood Information

Third flood of 4 that occurred in Feb, 2008

Third flood of 15 that occurred in 2008

Number of Floods at MARFC Forecast Points - 12

Number of Floods Cresting in Minor Range - 11

Number of Floods Cresting in Moderate Range - 1

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0