

Flood Event of 10/8/2005 - 10/10/2005

Brandywine

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chadds Ford	9.00	10/9/2005	12.30	12,700	Moderate	Christina	Brandywine Creek	Delaware	Delaware

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	10/8/2005	10.03	9,600	Minor	Delaware	Beaver Kill	Delaware	Delaware
Minisink Hills	10.00	10/8/2005	10.55	14,700	Minor	Brodhead	Brodhead Creek	Monroe	Monroe
Trenton	8.50	10/9/2005	9.88	2,240	Moderate	Delaware	Assunpink Creek	Mercer	Mercer

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lancaster	11.00	10/9/2005	17.80	20,800	Major	Conestoga	Conestoga River	Lancaster	Lancaster

Neshaminy

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Langhorne	9.00	10/9/2005	11.74	11,500	Moderate	Neshaminy	Neshaminy Creek	Bucks	Bucks

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	10/9/2005	6.10	3,320	Moderate	Passaic	Rockaway River	Morris	Morris

Chatham	6.00	10/10/2005	6.11	1,260	Minor	Passaic	Passaic River	Morris	Morris
Little Falls	7.00	10/10/2005	7.14	6,640	Minor	Passaic	Passaic River	Passaic	Passaic
Lodi	6.00	10/9/2005	8.82	3,080	Major	Passaic	Saddle River	Bergen	Bergen
Mahwah	8.00	10/9/2005	9.60	5,910	Moderate	Passaic	Ramapo River	Bergen	Bergen
Pine Brook	19.00	10/10/2005	19.07	2,930	Minor	Passaic	Passaic River	Morris	Morris
Pompton Lakes	9.00	10/9/2005	14.40	7,130	Major	Passaic	Ramapo River	Passaic	Passaic
Pompton Plains	16.00	10/9/2005	17.86	10,600	Minor	Passaic	Pompton River	Passaic	Morris

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	10/9/2005	11.05	6,060	Moderate	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	10/9/2005	29.20	20,900	Minor	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	10/9/2005	15.44	16,900	Minor	Raritan	Raritan River	Somerset	Somerset
Raritan	10.00	10/9/2005	10.88	8,020	Minor	Raritan	North Branch Raritan River	Somerset	Somerset

Schuylkill

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Graterford	11.00	10/8/2005	14.90	26,800	Moderate	Schuylkill	Perkiomen Creek	Montgomery	Montgomery
Norristown	17.00	10/9/2005	17.92	68,000	Minor	Schuylkill	Schuylkill River	Montgomery	Montgomery
Philadelphia	11.00	10/9/2005	12.07	61,500	Minor	Schuylkill	Schuylkill River	Philadelphia	Philadelphia

Weather Summary

A low developed on the leeward side of the Rockies and moved northeastward across the upper Midwest and into Canada. A lagging cold front associated with the system stretched southeast into the Gulf. Tropical Storm Tammy made its landfall over Florida on October 5 finding itself swept into the cold front upon its arrival in Georgia. The absorption of the system caused the front to slow tremendously over Pennsylvania allowing the remnants of Tammy to cause significant rainfall over the Mid Atlantic on October 7 and 8 as it traveled northward along the boundary towards New Jersey and eventually into Maine. Two-day rainfall totals ranged from 4 to 7 inches and caused flooding in the Raritan, Passaic, Delaware and Lower Main Stem Susquehanna Basins.

Crest Statistics and Flood Information

First flood of 2 that occurred in Oct, 2005

Fifth flood of 8 that occurred in 2005

Number of Floods at MARFC Forecast Points - 22

Number of Floods Cresting in Minor Range - 12

Number of Floods Cresting in Moderate Range - 7

Number of Floods Cresting in Major Range - 3

Number of Floods Cresting in Missing Range - 0