

Flood Event of 12/16/2005 - 12/17/2005

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton below Reservoir	5.00	12/17/2005	5.18	1,480	Minor	Passaic	Rockaway River	Morris	Morris
Pompton Lakes	9.00	12/16/2005	9.31	1,670	Minor	Passaic	Ramapo River	Passaic	Passaic

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Langhorne	9.00	12/16/2005	9.35	7,300	Minor	Neshaminy	Neshaminy Creek	Bucks	Bucks

Weather Summary

A low from Alberta descended southward over North Dakota and Minnesota which occluded, subsequently developing a new low along the occlusion near Missouri. This new system gained strength upon tapping into warm, moist air from the Gulf of Mexico. With the bulk of the moisture associated with the warm front, the northward motion of the low created a situation where rain fell continuously over specific areas. Since the low remained centered off the coast, the majority of the region was spared; however, the Passaic and northeastern Pennsylvania portions of the Delaware Basin received locally heavy precipitation totals ranging from 2-3 inches causing flooding at specific locations.

Crest Statistics and Flood Information

First flood of 1 that occurred in Dec, 2005

Eighth flood of 8 that occurred in 2005

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