

Flood Event of 7/14/2004 - 7/14/2004

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Pemberton	2.50	7/14/2004	4.19	1,840	Major	Delaware	North Branch Rancocas Creek	Burlington	Burlington

Weather Summary

A weak low pulling eastward across Pennsylvania on July 12 caused a series of thunderstorms to train across southern NJ providing considerably high 24 hour rainfall totals for the Lower Delaware River Basin located in NJ. Since thunderstorms in the area merely followed in the tracks of previous thunderstorms (hence the word "train") Trenton, NJ, MacGuire Air Force Base, NJ and Philadelphia, PA, all located at or within the zone of heavy precipitation, received totals of nearly 3 inches, 6 inches and 4.75 inches respectively. On the 14th, another low passed over NJ bringing upwards of one half inch to the same portion of the basin, forcing even more water into the already drenched area.

Crest Statistics and Flood Information

First flood of 3 that occurred in Jul, 2004

Sixth flood of 16 that occurred in 2004

Number of Floods at MARFC Forecast Points - 1

Number of Floods Cresting in Minor Range - 0

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 0