Flood Event of 5/11/1981 - 5/12/1981

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	5/12/1981	11.72	14,200	Minor	Delaware	Beaver Kill	Delaware	Delaware

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	5/12/1981	5.26	2,040	Minor	Passaic	Rockaway River	Morris	Morris
Boonton below Reservoir	5.00	5/12/1981	5.79	2,090	Minor	Passaic	Rockaway River	Morris	Morris
Lodi	5.00	5/12/1981	5.92	1,900	Minor	Passaic	Saddle River	Bergen	Bergen
Mahwah	8.00	5/12/1981	8.47	2,520	Minor	Passaic	Ramapo River	Bergen	Bergen

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bound Brook	28.00	5/12/1981	28.27	18,200	Minor	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	5/12/1981	15.99	17,900	Minor	Raritan	Raritan River	Somerset	Somerset
Raritan	10.00	5/12/1981	10.63	11,400	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
Langhorne	9.00	5/12/1981	9.51	7,900	Minor	Neshaminy	Neshaminy Creek	Bucks	Bucks

Weather Summary

A cold front and a stationary front extending from a low pressure system in the Ohio Valley caused flooding on the 10th and 11th of May. Upwards of half an inch fell across the region on the 10th from thunderstorms and showers associated with these fronts. Some of these thunderstorms produced large hail, gusty winds, and even tornadoes. Another 1.00-2.00 inches of rain fell on the 11th as the low moved across the region. The heavy rainfall associated with this system caused minor flooding in New Jersey, New York, and Pennsylvania.

Crest Statistics and Flood Information

First flood of 1 that occured in May, 1981
Fifth flood of 6 that occured in 1981
Number of Floods at MARFC Forecast Points - 9

Number of Floods Cresting in Minor Range - 9
Number of Floods Cresting in Moderate Range - 0
Number of Floods Cresting in Major Range - 0
Number of Floods Cresting in Missing Range - 0