

Flood Event of 4/6/1924 - 4/8/1924

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harrisburg	17.00	4/8/1924	17.00	324,000	Minor	Susquehanna	Susquehanna River	Dauphin	Dauphin

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Riegelsville	22.00	4/8/1924	23.10	122,000	Minor	Delaware	Delaware River	Warren	Bucks

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chenango Forks	10.00	4/7/1924	12.27	28,600	Minor	North Branch Susquehanna	Chenango River	Broome	Broome
Conklin	11.00	4/7/1924	14.00	30,600	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lodi	5.00	4/7/1924	5.44	1,280	Minor	Passaic	Saddle River	Bergen	Bergen
Millington	8.00	4/7/1924	8.00	1,100	Minor	Passaic	Passaic River	Somerset	Morris
Pompton Lakes	11.70	4/7/1924	12.58	6,800	Minor	Passaic	Ramapo River	Passaic	Passaic
Wanaque	5.00	4/7/1924	8.01	5,050	Major	Passaic	Wanaque River	Passaic	Passaic

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	4/7/1924	11.00	7,900	Moderate	Raritan	Millstone River	Somerset	Somerset
Manville	14.00	4/7/1924	15.00	17,500	Minor	Raritan	Raritan River	Somerset	Somerset
Stanton	8.00	4/7/1924	10.00	6,840	Moderate	Raritan	South Branch Raritan River	Hunterdon	Hunterdon

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chadds Ford	9.00	4/6/1924	9.20	5,600	Minor	Delaware	Brandywine Creek	Delaware	Delaware

Upper Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Monroeton	14.00	4/6/1924	16.00	12,200	Moderate	Main Stem Susquehanna	Towanda Creek	Bradford	Bradford
Towanda	16.00	4/7/1924	17.80	133,000	Minor	Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Wilkes-Barre	22.00	4/8/1924	23.50	129,000	Minor	Main Stem Susquehanna	Susquehanna River	Luzerne	Luzerne

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Beech Creek Station	11.00	4/6/1924	11.00	15,900	Minor	West Branch Susquehanna	Bald Eagle Creek	Clinton	Clinton

Weather Summary

Maddox Synoptic - This event had a huge ridge in the western US and a deepening trough coming into the eastern US. A surge of high PW air and a large v-wind anomaly came up the East Coast. This classic Maddox-Synoptic event had high PW and strong southerly winds. A wave developed along the north south frontal zone which likely enhanced the rain in the Mid-Atlantic region. The front and wave were not dissimilar to the system on 13 August 2014. – (Rich Grumm National Weather Service State College, PA)

Source: Grumm NWS WFO CTP

Crest Statistics and Flood Information

First flood of 1 that occurred in Apr, 1924

Sixth flood of 8 that occurred in 1924

Number of Floods at MARFC Forecast Points - 16

Number of Floods Cresting in Minor Range - 11

Number of Floods Cresting in Moderate Range - 4

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 0