

# Flood Event of 5/14/1978 - 5/17/1978

## Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lawrenceville	13.00	5/14/1978	13.56	10,900	Minor	Chemung	Cowanesque River	Tioga	Tioga
Mansfield	12.00	5/14/1978	16.17	8,940	Major	Chemung	Tioga River	Tioga	Tioga
Tioga Junction	15.00	5/14/1978	16.70	14,000	Minor	Chemung	Tioga River	Tioga	Tioga

## James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Palmyra	17.00	5/14/1978	18.63	12,800	Minor	James	Rivanna River	Fluvanna	Fluvanna

## Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Spruce Creek	8.00	5/15/1978	8.08	6,650	Minor	Juniata	Little Juniata River	Huntingdon	Huntingdon

## Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Hogestown	8.00	5/16/1978	8.10	6,630	Minor	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Shermans Dale	9.00	5/15/1978	10.14	8,360	Minor	Main Stem Susquehanna	Sherman Creek	Perry	Perry

## Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
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Mahwah	8.00	5/15/1978	9.11	3,350	Moderate	Passaic	Ramapo River	Bergen	Bergen
Pompton Lakes	11.70	5/15/1978	12.20	3,870	Minor	Passaic	Ramapo River	Passaic	Passaic

### Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Martinsburg	10.00	5/17/1978	10.27	2,900	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Point of Rocks	16.00	5/17/1978	17.67	100,000	Minor	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	5/17/1978	18.12	71,800	Moderate	Potomac	Potomac River	Jefferson	Jefferson

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## Weather Summary

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A strong low pressure system that originated in the Northern Plains moved eastward into the Mid-Atlantic in on the 14th of May. The low dumped 2.00 to 5.00 inches of rain across much of the area as it stalled out over the Virginia coast for a few days. The low finally started to push off to the northeast on the 17th, but even still, rain lingered across New York and New Jersey for another 48 hours. As a result of the heavy and persistent rainfall from this system, several rivers and streams in five different states crested well above flood stage.

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## Crest Statistics and Flood Information

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Second flood of 3 that occurred in May, 1978

Tenth flood of 16 that occurred in 1978

Number of Floods at MARFC Forecast Points - 12

Number of Floods Cresting in Minor Range - 9

Number of Floods Cresting in Moderate Range - 2

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 0