

Flood Event of 1/20/1995 - 1/21/1995

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Mansfield	12.00	1/20/1995	12.70	31,002	Minor	Chemung	Tioga River	Tioga	Tioga

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Camp Hill	7.00	1/20/1995	7.57	2,590	Minor	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Harper Tavern	9.00	1/21/1995	10.17	8,800	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Hogestown	8.00	1/21/1995	8.00	5,870	Minor	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Middletown (Old Site)	11.00	1/20/1995	11.00	-9,999	Minor	Main Stem Susquehanna	Swatara Creek	Dauphin	Dauphin
Penns Creek	8.00	1/20/1995	8.26	5,990	Minor	Susquehanna	Penns Creek	Union	Snyder
Shermans Dale	9.00	1/20/1995	9.82	7,420	Minor	Main Stem Susquehanna	Sherman Creek	Perry	Perry

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Frederick	15.00	1/21/1995	16.18	18,100	Minor	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick

Weather Summary

During this time period, a strong low-level low ahead of a deep upper level trough brought heavy rainfall to the majority of East Central Pennsylvania as well as heavy snowfall some of the higher areas. Southern areas of the Susquehanna Basin also encountered thunderstorms that produced this heavy rainfall. Early on in this event the cold front associated with this low pressure system swept through the Eastern portion of Pennsylvania and on the 21st January stalled over New York State. This allowed for cold air to wrap around the moisture and turn the rainfall to snowfall. Flooding occurred in the lower Susquehanna Basin due to factors that included having no vegetation to absorb the amounts of rainfall that don't normally occur at this time of year and in some areas poor drainage allowed for small streams to flood. Many roads flooded in counties such as Lancaster, Snyder, and Union. Average total rainfalls across the Susquehanna Basin gauged around two inches of rain during the morning of January 20th. Snowfall generally occurred in the Poconos, Scranton, and the Upper Susquehanna River Valley. Accumulations increased at higher elevations to as much as six inches. Sullivan County is one such place that received up to six inches of snow.

Crest Statistics and Flood Information

Second flood of 2 that occurred in Jan, 1995

Second flood of 8 that occurred in 1995

Number of Floods at MARFC Forecast Points - 8

Number of Floods Cresting in Minor Range - 8

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0