

Flood Event of 1/16/2004 - 1/16/2004

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Conowingo	23.50	1/16/2004	23.88	-9,999	Minor	Lower Main Stem Susquehanna	Susquehanna River	Harford	Cecil

Weather Summary

A low pressure system originating over Oklahoma, traveled northeastward, passed over the Susquehanna Basins, leaving behind a stationary front, which dangled southwestward into Texas and allowed for the formation of a new low near Arkansas. The new system moved over central PA, brought warmer temperatures to the area, and allowed for significant rain to fall over the entire Susquehanna Basin from January 3-5. Unseasonably warm temperatures over the Chemung and North Branch Susquehanna Basins gave rise to rainfall totals near 1 inch with Pennsylvania Basins receiving between 1 inch over the Lower Main Stem Basin and more than 1.5 inches in Upper Main Stem, Juniata and West Branch Susquehanna Basins. The precipitation surplus, which carried over from the months prior, only worsened the situation with the addition of more rainfall.

Crest Statistics and Flood Information

First flood of 1 that occurred in Jan, 2004

First flood of 16 that occurred in 2004

Number of Floods at MARFC Forecast Points - 1

Number of Floods Cresting in Minor Range - 1

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0