

Flood Event of 8/13/2004 - 8/13/2004

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	8/13/2004	10.01	9,550	Minor	Delaware	Beaver Kill	Delaware	Delaware

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Berne	12.00	8/13/2004	12.89	17,200	Minor	Schuylkill	Schuylkill River	Berks	Berks

Weather Summary

A low moving eastward along the U.S./Canada border practically stalled over Quebec on August 11 thus preventing the eastward progression of its cold front, which dangled southward near the western edge of the Delaware Basin and swung westward along the Gulf Coast. The same day, Hurricane Bonnie came ashore over the Alabama coast, into the barely moving cold front which absorbed the dying tropical system on August 12. As a result of the integration of Hurricane Bonnie, the stalled cold front became a stationary boundary pulling the remnants of the system northeast toward the New Jersey Shore on August 13. Much of the precipitation associated with the tropical system fell further south; however, Delaware Basins located in Southeastern PA and New York (near PA/NJ border) received three day totals around 2.5 and 5 inches plus respectively.

Crest Statistics and Flood Information

Second flood of 4 that occurred in Aug, 2004

Tenth flood of 16 that occurred in 2004

Number of Floods at MARFC Forecast Points - 2

Number of Floods Cresting in Minor Range - 2

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0