

Flood Event of 9/12/1960 - 9/13/1960

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lancaster	11.00	9/13/1960	11.77	10,600	Minor	Conestoga	Conestoga River	Lancaster	Lancaster

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Pemberton	2.70	9/13/1960	3.81	1,420	Moderate	Delaware	North Branch Rancocas Creek	Burlington	Burlington

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton below Reservoir	5.00	9/13/1960	5.82	1,730	Minor	Passaic	Rockaway River	Morris	Morris
Mahwah	8.00	9/13/1960	8.48	2,620	Minor	Passaic	Ramapo River	Bergen	Bergen

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	9/13/1960	11.07	8,030	Moderate	Raritan	Millstone River	Somerset	Somerset
Manville	14.00	9/13/1960	15.30	14,700	Minor	Raritan	Raritan River	Somerset	Somerset
Stanton	8.00	9/12/1960	8.12	4,100	Minor	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
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Graterford	11.00	9/12/1960	14.55	25,400	Moderate	Schuylkill	Perkiomen Creek	Montgomery	Montgomery
Langhorne	9.00	9/13/1960	14.36	19,400	Major	Neshaminy	Neshaminy Creek	Bucks	Bucks
Philadelphia	11.00	9/12/1960	11.58	51,200	Minor	Schuylkill	Schuylkill River	Philadelphia	Philadelphia
Wilmington	11.00	9/13/1960	11.42	15,600	Minor	Delaware	Brandywine Creek	New Castle	New Castle

Weather Summary

Hurricane Donna was the first hurricane (since records began in 1871) to affect the entire East Coast of the U.S. from Florida to New England. Donna began as a strong storm in Dakar where it caused the crash of an airliner and killed 63 people. Donna produced over 15 inches of rain in 4 hours as it moved through the Virginia Island and eastern Puerto Rico. Donna moved through the Florida Keys before turning to the northeast. It moved back out into the Atlantic, but continued to move northward along the Eastern Seaboard. Donna made a second landfall near Wilmington, NC as a Category 3 hurricane. In Eastern Virginia, the storm produced 6 to 8 inches of rain and caused 3 fatalities. Donna remerged into the Atlantic near Norfolk, VA. The storm continued its northward track eventually making a third landfall in Connecticut.

Source: Roth, David and Hugh Cobb. "Virginia Hurricane History" <http://www.hpc.ncep.noaa.gov/research/roth/vahur.htm>

Crest Statistics and Flood Information

First flood of 2 that occurred in Sep, 1960
 Eighth flood of 9 that occurred in 1960
 Number of Floods at MARFC Forecast Points - 11

Number of Floods Cresting in Minor Range - 7
 Number of Floods Cresting in Moderate Range - 3
 Number of Floods Cresting in Major Range - 1
 Number of Floods Cresting in Missing Range - 0