

Flood Event of 11/19/2003 - 11/21/2003

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Buchanan	17.00	11/20/2003	19.63	49,515	Minor	James	James River	Botetourt	Botetourt
Lick Run	16.00	11/20/2003	18.09	32,110	Minor	James	James River	Botetourt	Botetourt
Richmond	12.00	11/21/2003	14.57	62,400	Minor	James	James River	Henrico	Independent City

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Shirleysburg	10.00	11/20/2003	10.68	6,500	Minor	Juniata	Aughwick Creek	Huntingdon	Huntingdon
Spruce Creek	8.00	11/19/2003	9.43	8,540	Minor	Juniata	Little Juniata River	Huntingdon	Huntingdon
Williamsburg	12.00	11/20/2003	12.85	7,900	Minor	Juniata	Frankstown Branch Juniata River	Blair	Blair

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	11/20/2003	10.01	9,550	Minor	Delaware	Beaver Kill	Delaware	Delaware

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton below Reservoir	5.00	11/20/2003	5.11	1,381	Minor	Passaic	Rockaway River	Morris	Morris

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Franklin	7.00	11/19/2003	12.26	16,800	Major	Potomac	South Branch Potomac River	Pendleton	Pendleton
Petersburg	10.00	11/19/2003	14.86	37,700	Major	Potomac	South Branch Potomac River	Grant	Grant
Springfield	15.00	11/20/2003	18.00	29,000	Minor	Potomac	South Branch Potomac River	Hampshire	Hampshire

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	11/20/2003	9.92	5,270	Minor	Raritan	Millstone River	Somerset	Somerset

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Langhorne	9.00	11/20/2003	9.00	6,330	Minor	Neshaminy	Neshaminy Creek	Bucks	Bucks

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Beech Creek Station	11.00	11/19/2003	11.34	4,880	Minor	West Branch Susquehanna	Bald Eagle Creek	Clinton	Clinton

Weather Summary

A low pressure system and its associated frontal boundaries moved eastward through the Mid-Atlantic States on the 19th and the early parts of the 20th of November. Although most of the system pushed through the region in one day, it produced enough widespread heavy rain showers that resulted in rainfall totals ranging from 1-3" across several states. As a result of this heavy precipitation, several locations across eight basins reported minor flooding.

Crest Statistics and Flood Information

First flood of 1 that occurred in Nov, 2003

Twenty-Second flood of 24 that occurred in 2003

Number of Floods at MARFC Forecast Points - 14

Number of Floods Cresting in Minor Range - 12

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 2

Number of Floods Cresting in Missing Range - 0