

Flood Event of 4/5/1977 - 4/7/1977

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bent Creek	16.00	4/6/1977	16.66	61,600	Minor	James	James River	Nelson	Appomattox
Bremo Bluff	19.00	4/7/1977	24.50	63,300	Moderate	James	James River	Fluvanna	Fluvanna
Buchanan	17.00	4/6/1977	22.81	66,000	Moderate	James	James River	Botetourt	Botetourt
Covington	17.00	4/5/1977	19.85	23,200	Minor	James	Jackson River below Dunlap Creek	Covington City	Independent City
Holcomb Rock	22.00	4/6/1977	23.47	66,700	Minor	James	James River	Bedford	Bedford
Lick Run	16.00	4/5/1977	22.54	43,700	Moderate	James	James River	Botetourt	Botetourt
Richmond	12.00	4/7/1977	14.88	65,600	Minor	James	James River	Henrico	Independent City

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Frederick	15.00	4/5/1977	16.64	20,200	Minor	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Martinsburg	10.00	4/5/1977	11.18	3,910	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Shepherdstown	15.00	4/6/1977	16.57	62,100	Minor	Potomac	Potomac River	Jefferson	Jefferson
Springfield	15.00	4/6/1977	16.58	25,500	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 4/5/1977 9.12 3,850 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	4/5/1977	9.06	7,210	Minor	Neshaminy	Neshaminy Creek	Bucks	Bucks

Weather Summary

Fronts associated with an intense low pressure system centered over the Great Lakes brought heavy rain to the Mid-Atlantic in early April. The low, which had a central pressure below 980mb on the 5th, had moved northeastward into the Great Lakes region from the Central Plains just a few days before. The system brought less than an inch of rain across most of Pennsylvania and New York. However, 0.50-3.00 inches fell across eastern Pennsylvania, New Jersey and the mountainous regions in Virginia and West Virginia. This rainfall caused minor to moderate flooding in the region's river basins.

Crest Statistics and Flood Information

First flood of 2 that occurred in Apr, 1977

Sixth flood of 15 that occurred in 1977

Number of Floods at MARFC Forecast Points - 13

Number of Floods Cresting in Minor Range - 10

Number of Floods Cresting in Moderate Range - 3

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0