

Flood Event of 2/8/1965 - 2/9/1965

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bremo Bluff	19.00	2/8/1965	22.80	54,800	Minor	James	James River	Fluvanna	Fluvanna
Lick Run	16.00	2/8/1965	16.50	27,000	Minor	James	James River	Botetourt	Botetourt
Palmyra	17.00	2/8/1965	21.77	18,000	Minor	James	Rivanna River	Fluvanna	Fluvanna
Richmond	12.00	2/9/1965	15.32	69,600	Moderate	James	James River	Henrico	Independent City

Lehigh

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Walnutport	8.00	2/8/1965	8.08	11,800	Minor	Lehigh	Lehigh River	Northampton	Northampton

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Camp Hill	7.00	2/8/1965	7.64	2,950	Minor	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Harper Tavern	9.00	2/8/1965	11.56	11,300	Minor	Swatara	Swatara Creek	Lebanon	Lebanon

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chenango Forks	10.00	2/9/1965	11.51	-9,999	Minor	North Branch Susquehanna	Chenango River	Broome	Broome
Conklin	11.00	2/9/1965	11.97	-9,999	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lodi	5.00	2/8/1965	5.16	1,490	Minor	Passaic	Saddle River	Bergen	Bergen

Rappahannock

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Culpeper	14.00	2/8/1965	15.15	11,600	Minor	Rappahannock	Rapidan River	Culpeper	Culpeper
Remington	15.00	2/8/1965	16.30	14,400	Minor	Rappahannock	Rappahannock River	Fauquier	Fauquier

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Manville	14.00	2/8/1965	14.05	12,700	Minor	Raritan	Raritan River	Somerset	Somerset
Raritan	10.00	2/8/1965	10.49	10,600	Minor	Raritan	North Branch Raritan River	Somerset	Somerset

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chadds Ford	9.00	2/8/1965	9.77	6,470	Minor	Delaware	Brandywine Creek	Delaware	Delaware
Graterford	11.00	2/8/1965	11.11	14,500	Minor	Schuylkill	Perkiomen Creek	Montgomery	Montgomery
Langhorne	9.00	2/8/1965	10.03	9,840	Moderate	Neshaminy	Neshaminy Creek	Bucks	Bucks
Pottstown	13.00	2/8/1965	13.08	25,000	Minor	Schuylkill	Schuylkill River	Montgomery	Montgomery

Weather Summary

Heavy precipitation caused minor to moderate flooding portions of Virginia, Pennsylvania, New Jersey and New York during February 8th-9th in 1965. Off shore flow from the Gulf of Mexico brought moist maritime tropical air on shore bringing rain up the east coast on February 7th. A cold front associated with a low pressure system in the northern portion of the United States brought more rain to the four states during the 8th and the 9th causing rivers to crest over their banks and cause minor to moderate flooding. While the crest dates of the streams were between the 8th and 9th regions in southeast Pennsylvania such as Langhorne, PA in the Neshaminy basin and in portions of Virginia like Richmond, VA in the James River basin saw their largest precipitation amounts on the 7th. On February 7th both Langhorne and Richmond received over 1.00 inch of rainfall which caused moderate flooding in both areas. Camp Hill in Pennsylvania's Yellow Breeches basin also received 1.92 inches of rain on the 7th and Yellow Breeches creek later crested. Other regions in Virginia's James River basin received moderate amounts of rain on the 7th and larger amounts on the 8th causing streams to crest above flood stage. Bremono Bluff, VA in the James river basin, received 0.53 inches on the 7th and 1.37 inches on the 8th caused by both the onshore moist air and the approaching cold front. Areas in southeastern Pennsylvania and New Jersey saw between 1 and 2.5 inches of rainfall on February 8th. Graterford, PA in the Schuylkill basin saw 2.00 inches of rainfall on the 8th and while Lodi, NJ in the Passaic basin saw approximately 2.31 inches of rainfall and areas in the Raritan basin in NJ saw 1.24 inches. As the cold front continued to push east the heavy rain made its way to New York dropping over half an inch of rainfall in portions of Broome County. Since rainfall amounts were not as significant in the New York regions it took streams longer to reach flood stage and took until February 9th to crest. Provided by Stefano DiPietro – The Pennsylvania State University

Source: Provided by Stefano DiPietro – The Pennsylvania State University

Crest Statistics and Flood Information

First flood of 1 that occurred in Feb, 1965

First flood of 4 that occurred in 1965

Number of Floods at MARFC Forecast Points - 18

Number of Floods Cresting in Minor Range - 16

Number of Floods Cresting in Moderate Range - 2

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0