

Flood Event of 10/1/1959 - 10/1/1959

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Palmyra	17.00	10/1/1959	20.41	15,700	Minor	James	Rivanna River	Fluvanna	Fluvanna

Weather Summary

Hurricane Gracie made landfall as a Category 3 hurricane in South Carolina on September 29. The storm moved further inland after landfall before it began to interact with an approaching frontal system from the west. Gracie became extratropical on the 30th as it continued to interact with the front as it moved northward along the Appalachians. The region was fighting a drought prior to landfall, so the heavy rains, which accumulated to 3.00 inches across Virginia, did not result in major flooding. However, locally higher amounts of rain that reached up to 13.20 in Big Meadows, VA resulted in minor flooding in the James Basin.

Crest Statistics and Flood Information

First flood of 2 that occurred in Oct, 1959

Seventh flood of 9 that occurred in 1959

Number of Floods at MARFC Forecast Points - 1

Number of Floods Cresting in Minor Range - 1

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0