

Flood Event of 7/13/1971 - 7/13/1971

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Manville	14.00	7/13/1971	14.10	13,700	Minor	Raritan	Raritan River	Somerset	Somerset

Weather Summary

A maturing cold front entered west-central Pennsylvania, western Maryland & Virginia, and east-central West Virginia around 8 PM Eastern Time. The cold front triggered scattered thunderstorms that produced heavy rain in some locations. Soundings near Buffalo, NY; Pittsburgh, PA; and Washington, D.C., showed about 1.25 inches of precipitable water, Lifted Condensation Level heights below 1000 meters, and for Pittsburgh and Buffalo, CAPE values near 1000 J/kg indicating some instability. The cold front headed east and was offshore around the afternoon hours on the 14th. The upper-level trough was slow to exit. Provided by Jaron Breen – The Pennsylvania State University /Most likely a locally heavy downpour occurred near Manville. (MARFC)

Rainfall Amounts that we could find:

- Williamsport, PA: 0.04" – July 13th
- Binghamton, NY: 0.30" – July 13th
- Newark, NJ: 0.20" – July 14th
- Philadelphia, PA: 0.02" – July 16th

Source: Provided by Jaron Breen – The Pennsylvania State University

Crest Statistics and Flood Information

First flood of 1 that occurred in Jul, 1971

Tenth flood of 17 that occurred in 1971

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