

Flood Event of 8/28/1971 - 8/29/1971

Main Stem Delaware

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|-----------|-------------|-----------|-------|-------|----------|----------|-----------------------------|----------------|--------------------------|
| Pemberton | 2.70 | 8/28/1971 | 4.18 | 1,710 | Moderate | Delaware | North Branch Rancocas Creek | Burlington | Burlington |
| Trenton | 8.50 | 8/28/1971 | 13.46 | 3,920 | Major | Delaware | Assunpink Creek | Mercer | Mercer |

Passaic

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|------------------------------------|-------------|-----------|-------|--------|----------|---------|----------------|----------------|--------------------------|
| Boonton above Reservoir (Old Site) | 5.00 | 8/28/1971 | 6.28 | 3,550 | Moderate | Passaic | Rockaway River | Morris | Morris |
| Boonton below Reservoir | 5.00 | 8/29/1971 | 6.78 | 2,700 | Minor | Passaic | Rockaway River | Morris | Morris |
| Chatham | 6.00 | 8/28/1971 | 8.16 | 2,540 | Moderate | Passaic | Passaic River | Morris | Morris |
| Little Falls | 7.00 | 8/29/1971 | 8.05 | 8,010 | Moderate | Passaic | Passaic River | Passaic | Passaic |
| Lodi | 5.00 | 8/28/1971 | 10.16 | -9,999 | Major | Passaic | Saddle River | Bergen | Bergen |
| Mahwah | 8.00 | 8/28/1971 | 10.76 | 6,700 | Moderate | Passaic | Ramapo River | Bergen | Bergen |
| Millington | 8.00 | 8/29/1971 | 9.73 | 2,170 | Moderate | Passaic | Passaic River | Somerset | Morris |
| Pompton Lakes | 11.70 | 8/28/1971 | 12.99 | 6,420 | Minor | Passaic | Ramapo River | Passaic | Passaic |
| Pompton Plains | 16.00 | 8/28/1971 | 19.26 | 8,610 | Major | Passaic | Pompton River | Passaic | Morris |

Raritan

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|------|-------------|------|-------|------|----------|-------|--------|----------------|--------------------------|
|------|-------------|------|-------|------|----------|-------|--------|----------------|--------------------------|

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|------------------|-------|-----------|-------|--------|-------|---------|-------------------------------|-----------|-----------|
| Blackwells Mills | 9.00 | 8/28/1971 | 18.68 | 22,200 | Major | Raritan | Millstone River | Somerset | Somerset |
| Bound Brook | 28.00 | 8/28/1971 | 37.47 | 46,100 | Major | Raritan | Raritan River below Calco Dam | Somerset | Somerset |
| Manville | 14.00 | 8/28/1971 | 23.80 | 36,300 | Major | Raritan | Raritan River | Somerset | Somerset |
| Raritan | 10.00 | 8/28/1971 | 15.47 | 28,600 | Major | Raritan | North Branch Raritan River | Somerset | Somerset |
| Stanton | 8.00 | 8/28/1971 | 9.99 | 6,820 | Minor | Raritan | South Branch Raritan River | Hunterdon | Hunterdon |

Southeastern Pennsylvania

| Site | Flood Stage | Date | Crest | Flow | Category | Basin | Stream | County of Gage | County of Forecast Point |
|--------------|-------------|-----------|-------|--------|----------|------------|------------------|----------------|--------------------------|
| Chadds Ford | 9.00 | 8/28/1971 | 11.47 | 8,700 | Moderate | Delaware | Brandywine Creek | Delaware | Delaware |
| Langhorne | 9.00 | 8/28/1971 | 14.80 | 21,200 | Major | Neshaminy | Neshaminy Creek | Bucks | Bucks |
| Philadelphia | 11.00 | 8/28/1971 | 11.26 | 43,900 | Minor | Schuylkill | Schuylkill River | Philadelphia | Philadelphia |

Weather Summary

Tropical Storm Doria moved across the region on the 27th and 28th of the month after making landfall near Moorehead City, NC. As the storm moved northward over the Mid-Atlantic Coast, it dumped heavy rains across New Jersey, Delaware, Maryland, and Eastern regions of Virginia, Pennsylvania, and New York. Most of New Jersey received between 3.00 and 7.00 inches of rain. Locally heavier amounts of 8.00 to 10.00 inches in the Tidewater area, Eastern NJ and Eastern PA, where 11.22 inches was reported in Neshaminy Falls. This very heavy rain caused flooding across multiple river basins in New Jersey and Eastern Pennsylvania.

Crest Statistics and Flood Information

Second flood of 2 that occurred in Aug, 1971

Twelfth flood of 17 that occurred in 1971

Number of Floods at MARFC Forecast Points - 19

Number of Floods Cresting in Minor Range - 4

Number of Floods Cresting in Moderate Range - 7

Number of Floods Cresting in Major Range - 8

Number of Floods Cresting in Missing Range - 0