

# Flood Event of 11/8/1972 - 11/11/1972

## Main Stem Delaware

| Site        | Flood Stage | Date       | Crest | Flow  | Category | Basin    | Stream                      | County of Gage | County of Forecast Point |
|-------------|-------------|------------|-------|-------|----------|----------|-----------------------------|----------------|--------------------------|
| Cooks Falls | 10.00       | 11/9/1972  | 10.09 | 9,680 | Minor    | Delaware | Beaver Kill                 | Delaware       | Delaware                 |
| Pemberton   | 2.70        | 11/10/1972 | 2.78  | 824   | Minor    | Delaware | North Branch Rancocas Creek | Burlington     | Burlington               |

## North Branch Susquehanna

| Site    | Flood Stage | Date      | Crest | Flow   | Category | Basin                    | Stream                         | County of Gage | County of Forecast Point |
|---------|-------------|-----------|-------|--------|----------|--------------------------|--------------------------------|----------------|--------------------------|
| Conklin | 11.00       | 11/9/1972 | 14.40 | 32,100 | Moderate | North Branch Susquehanna | North Branch Susquehanna River | Broome         | Broome                   |
| Vestal  | 18.00       | 11/9/1972 | 19.79 | 46,400 | Minor    | North Branch Susquehanna | North Branch Susquehanna River | Broome         | Broome                   |
| Waverly | 11.00       | 11/9/1972 | 13.64 | 59,500 | Minor    | North Branch Susquehanna | North Branch Susquehanna River | Tioga          | Tioga                    |

## Passaic

| Site                               | Flood Stage | Date      | Crest | Flow  | Category | Basin   | Stream         | County of Gage | County of Forecast Point |
|------------------------------------|-------------|-----------|-------|-------|----------|---------|----------------|----------------|--------------------------|
| Boonton above Reservoir (Old Site) | 5.00        | 11/9/1972 | 6.21  | 3,380 | Moderate | Passaic | Rockaway River | Morris         | Morris                   |
| Chatham                            | 6.00        | 11/8/1972 | 7.22  | 1,910 | Moderate | Passaic | Passaic River  | Morris         | Morris                   |
| Lodi                               | 5.00        | 11/9/1972 | 7.08  | 2,450 | Moderate | Passaic | Saddle River   | Bergen         | Bergen                   |
| Mahwah                             | 8.00        | 11/8/1972 | 8.81  | 2,890 | Minor    | Passaic | Ramapo River   | Bergen         | Bergen                   |
| Millington                         | 8.00        | 11/9/1972 | 8.14  | 1,090 | Minor    | Passaic | Passaic River  | Somerset       | Morris                   |

## Raritan

| Site             | Flood Stage | Date      | Crest | Flow   | Category | Basin   | Stream                        | County of Gage | County of Forecast Point |
|------------------|-------------|-----------|-------|--------|----------|---------|-------------------------------|----------------|--------------------------|
| Blackwells Mills | 9.00        | 11/9/1972 | 12.30 | 7,440  | Moderate | Raritan | Millstone River               | Somerset       | Somerset                 |
| Bound Brook      | 28.00       | 11/9/1972 | 30.13 | 27,200 | Moderate | Raritan | Raritan River below Calco Dam | Somerset       | Somerset                 |
| Manville         | 14.00       | 11/9/1972 | 16.79 | 17,300 | Minor    | Raritan | Raritan River                 | Somerset       | Somerset                 |

## Southeastern Pennsylvania

| Site      | Flood Stage | Date       | Crest | Flow   | Category | Basin     | Stream          | County of Gage | County of Forecast Point |
|-----------|-------------|------------|-------|--------|----------|-----------|-----------------|----------------|--------------------------|
| Langhorne | 9.00        | 11/9/1972  | 15.01 | 19,800 | Major    | Neshaminy | Neshaminy Creek | Bucks          | Bucks                    |
| Langhorne | 9.00        | 11/11/1972 | 10.50 | 9,450  | Moderate | Neshaminy | Neshaminy Creek | Bucks          | Bucks                    |

## Upper Main Stem Susquehanna

| Site        | Flood Stage | Date      | Crest | Flow   | Category | Basin                 | Stream            | County of Gage | County of Forecast Point |
|-------------|-------------|-----------|-------|--------|----------|-----------------------|-------------------|----------------|--------------------------|
| Tunkhannock | 11.00       | 11/9/1972 | 12.22 | 18,600 | Minor    | Main Stem Susquehanna | Tunkhannock Creek | Wyoming        | Wyoming                  |

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## Weather Summary

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A relatively strong low pressure system formed as a front passed eastward through the Great Lakes in early November. The low began to occlude as it moved into the Mid-Atlantic on the 8th. Generally 0.50 to 1.00 inches of rain fell across most the region; however, up to 5.00 inches fell across of the New York metropolitan area in a period of 24 hours as the low pushed eastward through the Pennsylvania, New York, and New Jersey. This extremely heavy rainfall caused widespread flooding across six river basins.

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## Crest Statistics and Flood Information

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First flood of 3 that occurred in Nov, 1972

Sixteenth flood of 20 that occurred in 1972

Number of Floods at MARFC Forecast Points - 16

Number of Floods Cresting in Minor Range - 8

Number of Floods Cresting in Moderate Range - 7

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 0