

# Flood Event of 3/30/2014 - 4/1/2014

## Lower Main Stem Susquehanna

| Site      | Flood Stage | Date      | Crest | Flow  | Category | Basin           | Stream                | County of Gage | County of Forecast Point |
|-----------|-------------|-----------|-------|-------|----------|-----------------|-----------------------|----------------|--------------------------|
| Camp Hill | 7.00        | 3/31/2014 | 8.11  | 2,980 | Minor    | Yellow Breeches | Yellow Breeches Creek | Cumberland     | Cumberland               |

## Main Stem Delaware

| Site      | Flood Stage | Date      | Crest | Flow | Category | Basin    | Stream                      | County of Gage | County of Forecast Point |
|-----------|-------------|-----------|-------|------|----------|----------|-----------------------------|----------------|--------------------------|
| Pemberton | 2.50        | 3/31/2014 | 2.65  | 700  | 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 |
|----------|-------------|-----------|-------|-------|----------|--------------------------|-------------------|----------------|--------------------------|
| Cortland | 8.00        | 3/30/2014 | 8.53  | 4,200 | Minor    | North Branch Susquehanna | Tioughnioga River | Cortland       | Cortland                 |

## Passaic

| Site | Flood Stage | Date      | Crest | Flow  | Category | Basin   | Stream       | County of Gage | County of Forecast Point |
|------|-------------|-----------|-------|-------|----------|---------|--------------|----------------|--------------------------|
| Lodi | 6.00        | 3/30/2014 | 6.21  | 2,000 | Minor    | Passaic | Saddle River | Bergen         | Bergen                   |

## Potomac

| Site        | Flood Stage | Date      | Crest | Flow   | Category | Basin   | Stream                       | County of Gage | County of Forecast Point |
|-------------|-------------|-----------|-------|--------|----------|---------|------------------------------|----------------|--------------------------|
| Dawsonville | 7.50        | 3/30/2014 | 8.02  | 2,690  | Minor    | Potomac | Seneca Creek                 | Montgomery     | Montgomery               |
| Frederick   | 15.00       | 3/31/2014 | 15.52 | 16,100 | Minor    | Potomac | Monocacy River at Jug Bridge | Frederick      | Frederick                |

## Raritan

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

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## Weather Summary

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A cold front moved across the basins late March 27 and 28th and became stationary from New Jersey southwest through the western portion of Virginia. The front gave our forecast points a half an inch or less with heavier amounts falling just east. A wave of low pressure formed on the front over the Tennessee Valley and moved slowly into Virginia on March 29. The deepening low continued to move very slowly east across the remainder of Virginia and DEL-MARVA on March 30 as the upper trough cut off. An easterly fetch off the Atlantic combining with above normal precipitable water from the Gulf of Mexico brought periods of moderate to heavy rain to the region. One to three inches was common for the 24 hour period ending on March 30th followed by locally heavy rainfall in the lower main stem Susquehanna and extreme lower Potomac basins during the late morning and afternoon hours of March 30th.

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## Crest Statistics and Flood Information

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First flood of 1 that occurred in Mar, 2014

Fifth flood of 8 that occurred in 2014

Number of Floods at MARFC Forecast Points - 7

Number of Floods Cresting in Minor Range - 7

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0