



# NOAA, National Weather Service Middle Atlantic River Forecast Center Briefing

**March 31, 2017**

**Potential for Minor Flood across parts of  
Pennsylvania, New York, and New Jersey**

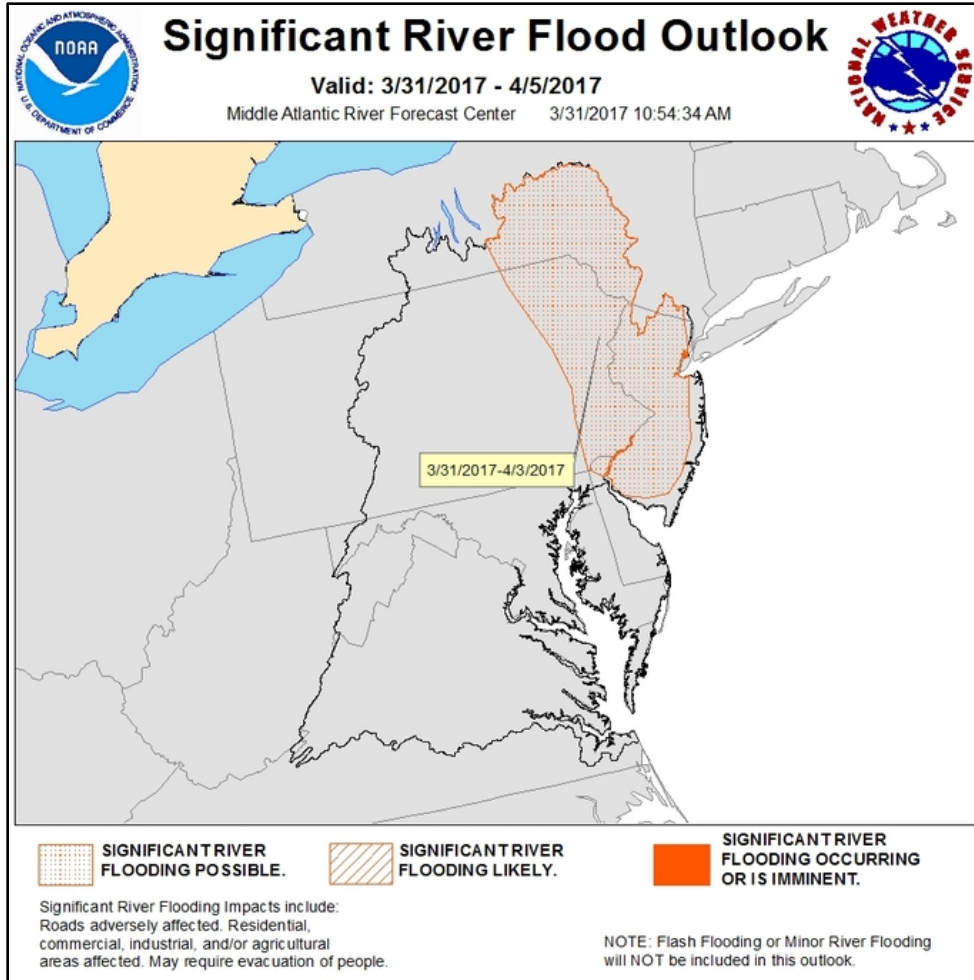
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# Flood Potential March 31 – April 2

- **PREPARE NOW FOR THE POSSIBILITY OF FLOODING.**
- **Risk:** Minor River Flooding likely from south-central New York across Northeast Pennsylvania and into northern New Jersey. A couple locations could reach Moderate Flood levels if rainfall amounts are greater than expected. River basins that may be impacted include northern portions of the Susquehanna and Delaware basins, as well as locations in the Passaic and Raritan basins
- **Timing:** Flood threat begins Friday afternoon and extends through Sunday.
- **Confidence:** Medium. Number of locations exceeding flood stage depends on locations of heavier rainfall. Snowmelt will also contribute to the rises in some areas.
- **Note:** This briefing is for river flooding. There is a risk of localized small stream flooding in some areas beginning Friday afternoon. Poor drainage flooding is also likely during the period. Refer to your local NWS office for details.

# 5 Day Flood Potential

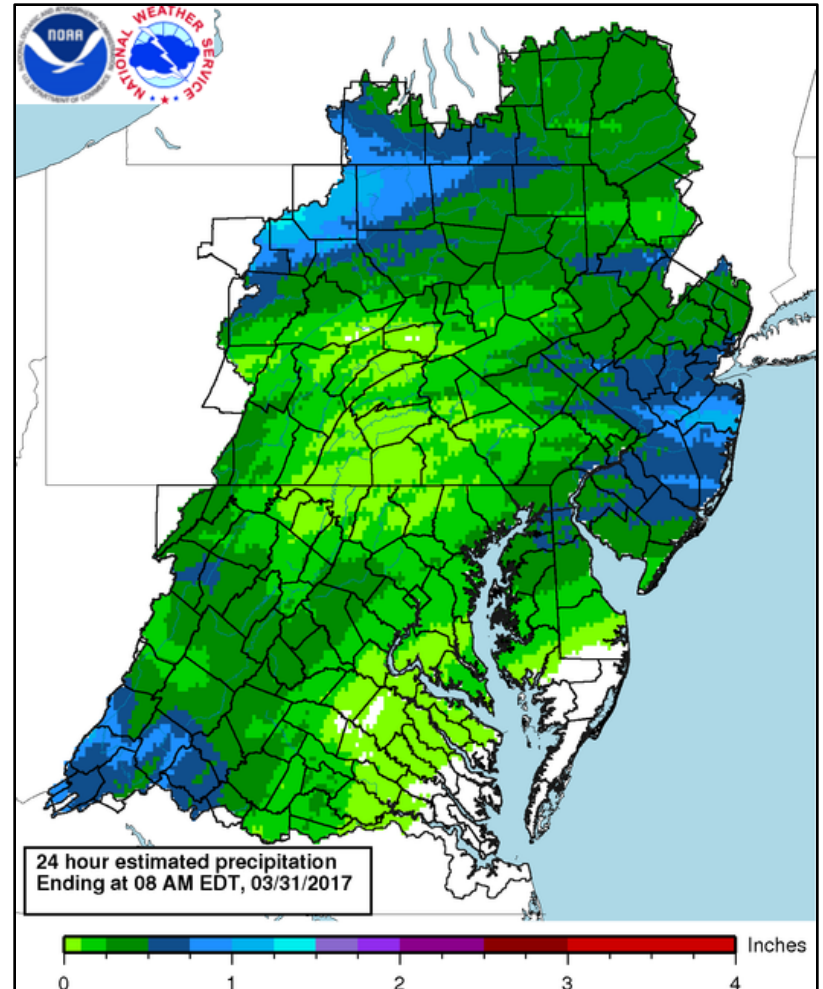


The orange hatched area shows the area where some minor flooding is possible. There is a low chance (<30 percent) of isolated moderate flooding at one or two locations if rainfall is greater than expected.

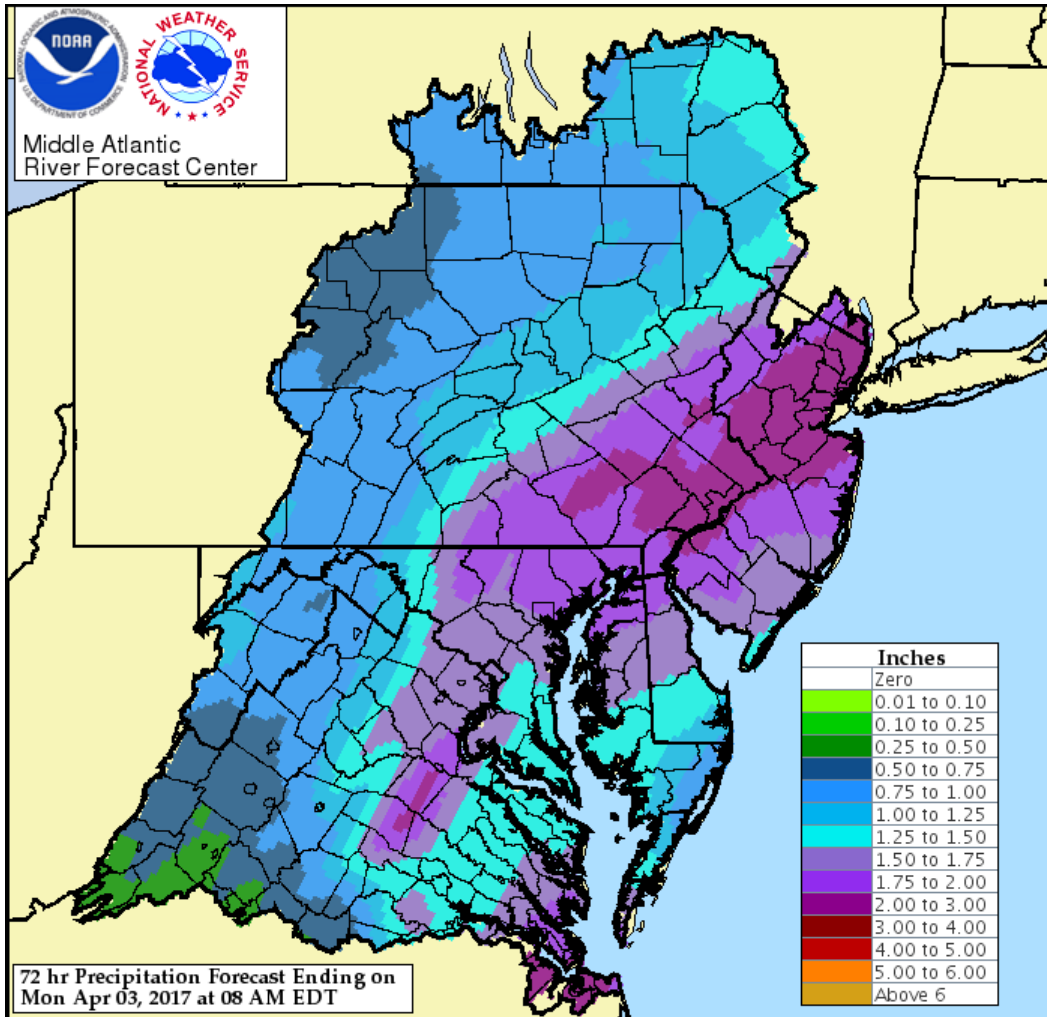
Note that this area has been expanded from previous issuances to include eastern Pennsylvania and New Jersey

# Observed Precipitation

- As of 8am this morning, up to 1.2 in. of rain had fallen over parts of the mid-Atlantic with heaviest amounts in parts of the Susquehanna River basin
- As of 10am rainfall is generally falling throughout the forecast region



# 72 Hour Precipitation Forecast



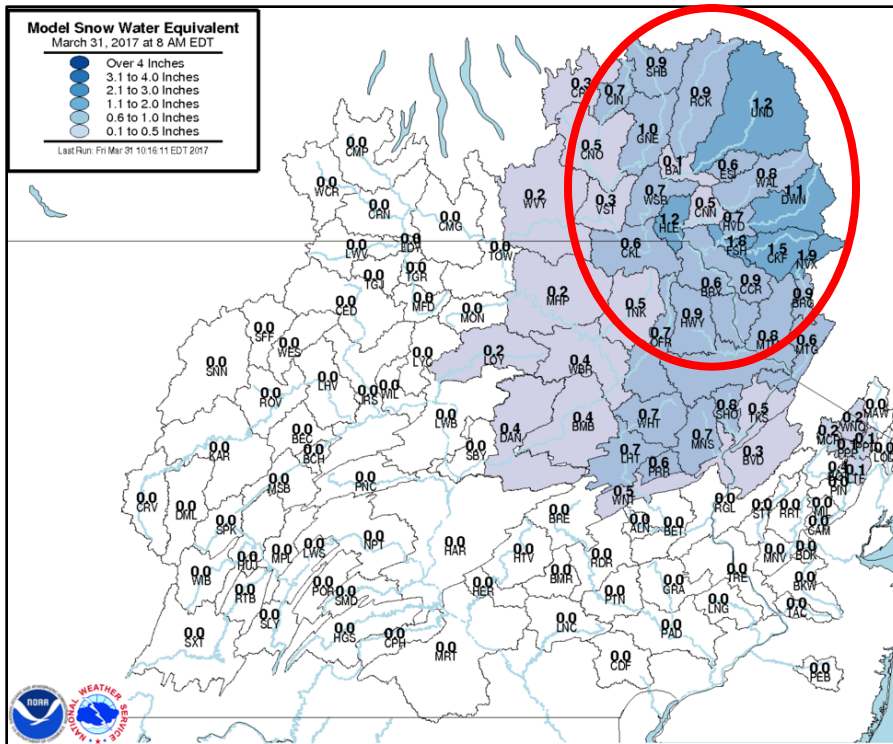
Precipitation will continue in the region thru Saturday morning

Heaviest rain will be falling from now until midnight

Rainfall amounts of up to 2 inches across eastern PA into northern NJ

Widespread areas of up to an inch across much of the mid-Atlantic region

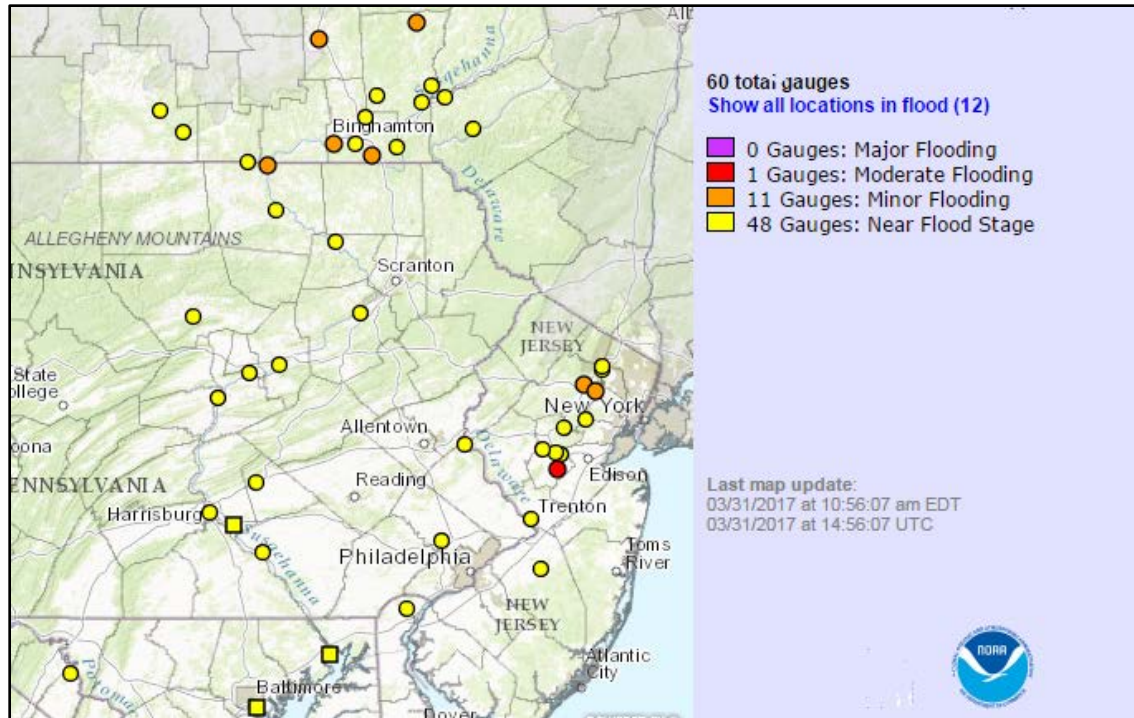
# Water in Snowpack



Although much of the snowpack has melted over the past week, some snow does remain in higher elevations and forested areas. Also some snow was measured at the beginning of this event overnight

The circled area over the Catskills and Poconos shows where the water in the snowpack ranges from 0.5 to over an inch and will contribute to the runoff and river rises as it continues to melt.

# Official River Forecasts (as of 11am March 31)



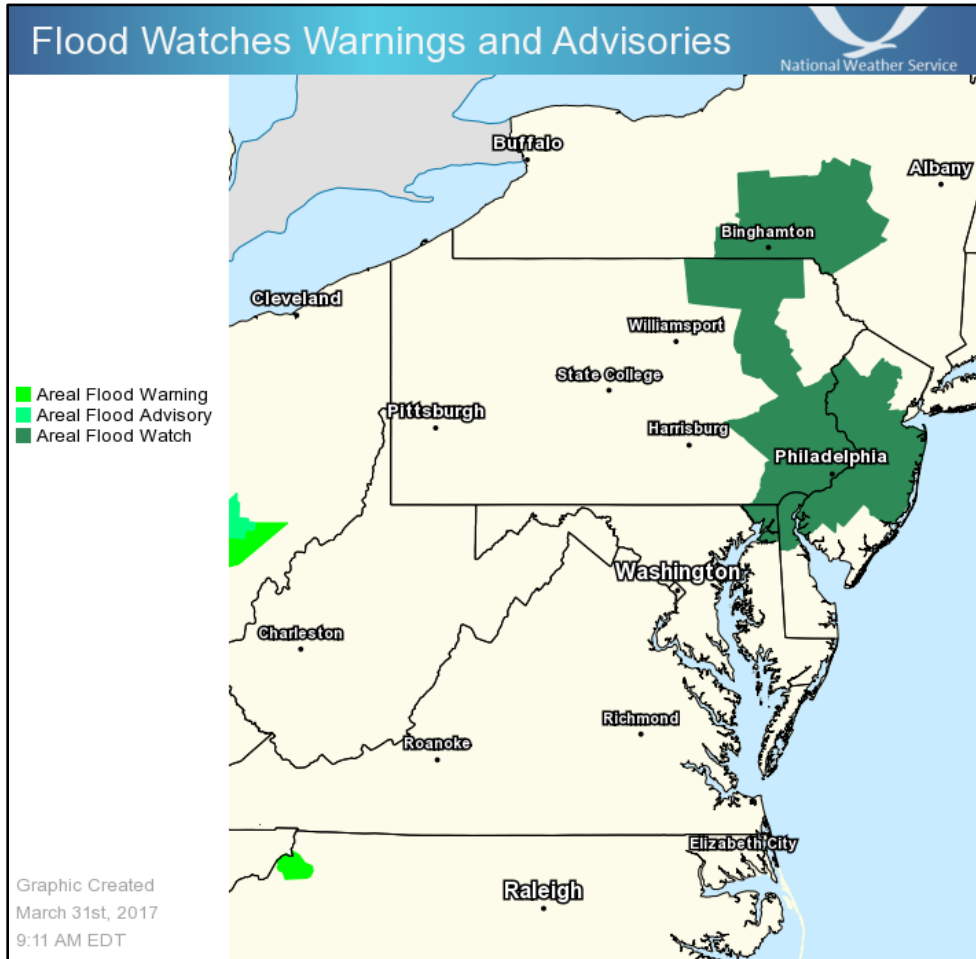
These are the forecasts as of Friday morning for locations that are forecast to be near or above flood stage in the next couple of days

Forecast for moderate flooding on the Millstone River

Minor flooding forecast for Tioughnioga, Chenango, Susquehanna, Passaic, and Rockaway Rivers

For the latest forecasts go to: [www.weather.gov/marfc](http://www.weather.gov/marfc)

# Flood Watches Are In Effect



- Flood watches are currently in effect in the areas shown on the map to the left



# Looking Ahead

- Models are indicating the potential for some additional heavy rain across the mid-Atlantic the first half of next week that could create additional flooding. This current briefing does not address that rainfall at this time.

# Keep Up To Date with Latest Info

- Contact your local NWS Weather Forecast Office
  - Binghamton, NY <http://weather.gov/bgm>
  - Blacksburg, VA <http://weather.gov/rnk>
  - Mt Holly, NJ <http://weather.gov/phi>
  - State College, PA <http://weather.gov/ctp>
  - New York City, NY <http://weather.gov/okx>
  - Sterling, VA <http://weather.gov/lwx>
  - Wakefield, VA <http://weather.gov/akq>
- River Forecasts
  - <http://www.weather.gov/marfc>
- Email: [robert.shedd@noaa.gov](mailto:robert.shedd@noaa.gov)

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# Next MARFC Briefing

- **The next MARFC briefing will be issued Saturday around noon.**