



NOAA, National Weather Service Middle Atlantic River Forecast Center Briefing

Friday, September 30, 2016

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Key Points

FLOOD THREAT TODAY ACROSS PORTIONS OF THE MID-ATLANTIC

- **Risks:** There is no longer a threat of flooding for rivers. However, there is a chance that areas of heavy rain could still cause isolated **Flash Flooding, Small Stream Flooding, or Urban Flooding.**
- **Location:** Localized flash flooding and small stream flooding is more likely along and west of the I-81 corridor, especially in west-central Virginia and eastern parts of West Virginia.
- **Timing:** Now through 8PM. The threat of flash flooding, small stream flooding and urban flooding will diminish this evening.
- **Confidence: Moderate.** Most of the heavy rain has fallen. Isolated heavy rainfall is likely in a few spots, but widespread heavy rainfall is not expected.
- **Also: Minor-Moderate Tidal Flooding is expected** along the Chesapeake Bay and its tidal rivers. Minor coastal flooding is expected along the Atlantic coasts of Virginia, Maryland, Delaware, and New Jersey.
- **Note:** This briefing mainly addresses river flooding. For up-to-date information on flash flooding, small stream flooding, urban flooding, and tidal flooding, please refer to watches, warnings, and advisories from your local National Weather Forecast Office.

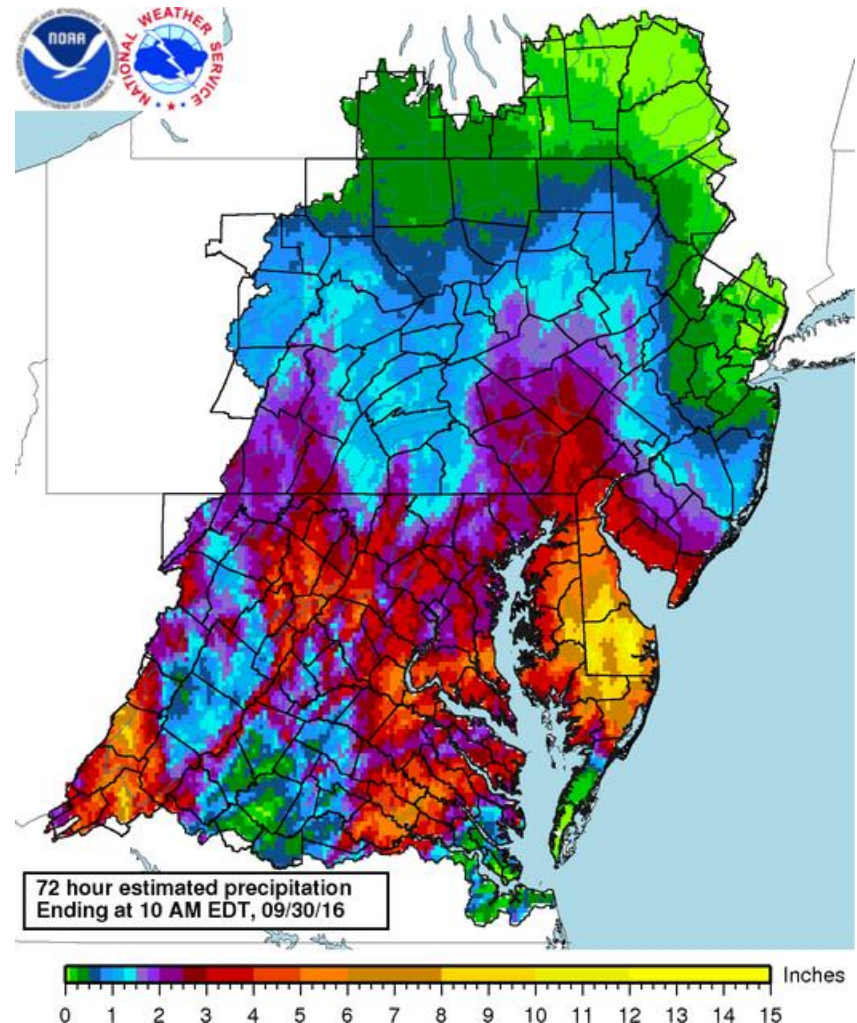
Observed Precipitation

During the past 3 days, many areas received 1-2 inches of rain.

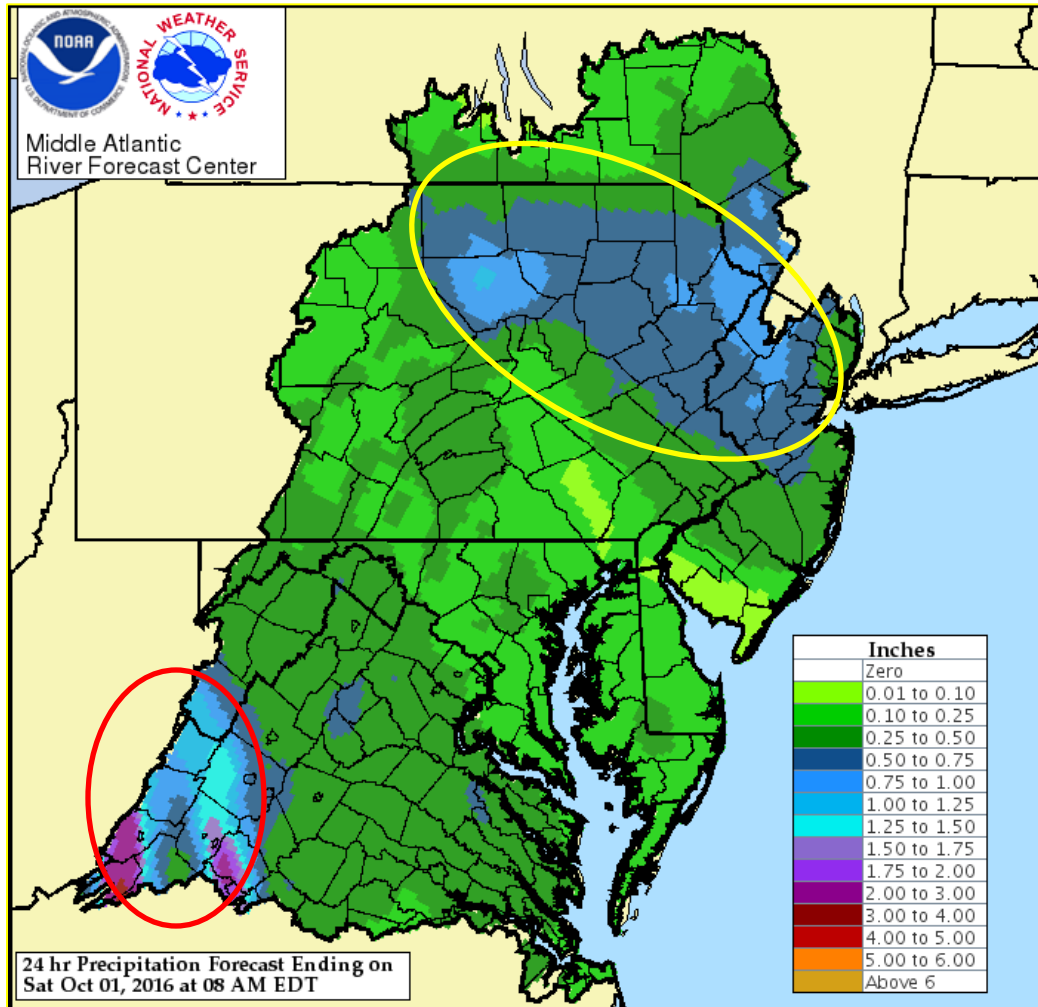
2-5 inches were common in many areas from southern Pennsylvania southward.

Isolated higher 3 day totals of 5-10 inches fell in parts of Delaware and Virginia with a few spots approaching 12 inches.

Localized flash flooding, small stream flooding, and urban flooding was reported overnight in portions of Maryland, Delaware, and Virginia.



24 Hour Precipitation Forecast



Isolated areas of heavy rainfall are possible today, mainly before 8PM.

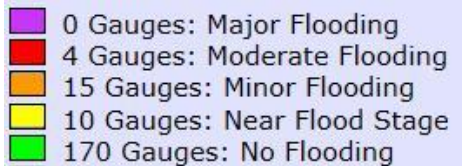
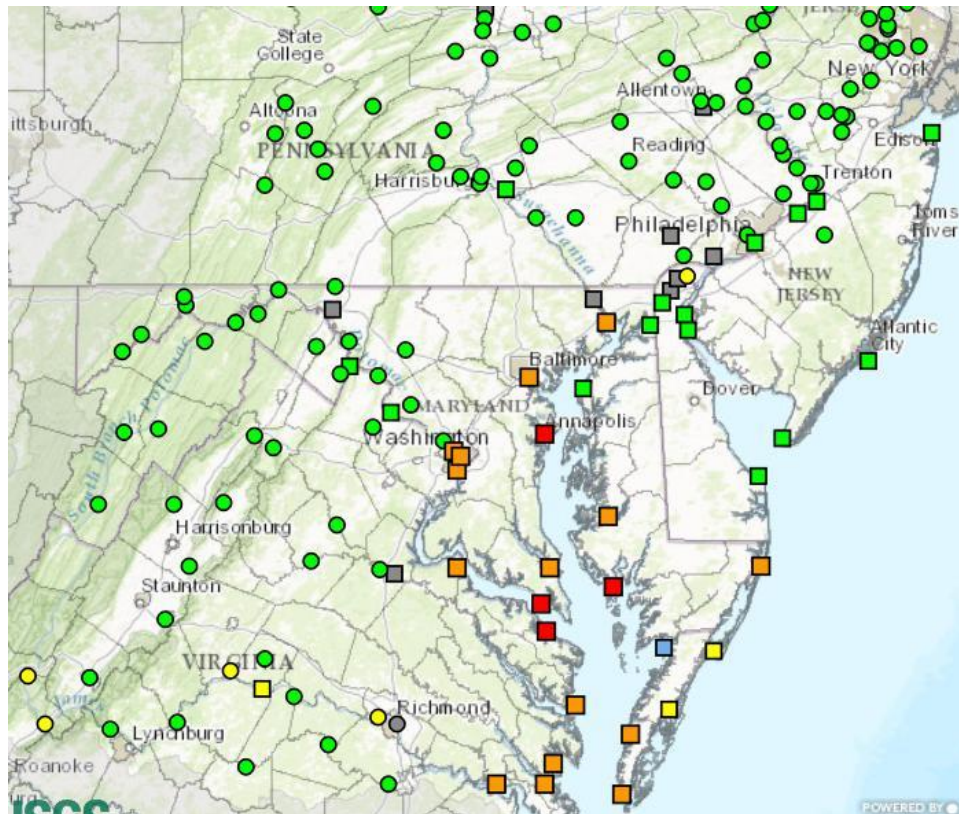
Additional rainfall amounts of 1 to 3 inches or more are possible this afternoon in portions of the James river basin in west-central Virginia and West Virginia (red circle on map). Heavy downpours in a short period of time may cause flash flooding or small stream flooding.

Additional rainfall amounts of 0.5 to 1.5 inches are possible in portions of New Jersey, Pennsylvania, and New York (yellow circle on map).

Local Heavy Downpours could lead to localized higher amounts.

Lighter amounts of rain will continue on into the weekend.

Official River Forecasts (As of 11am on Sept 30)



River flooding is not expected during the next 3 days.

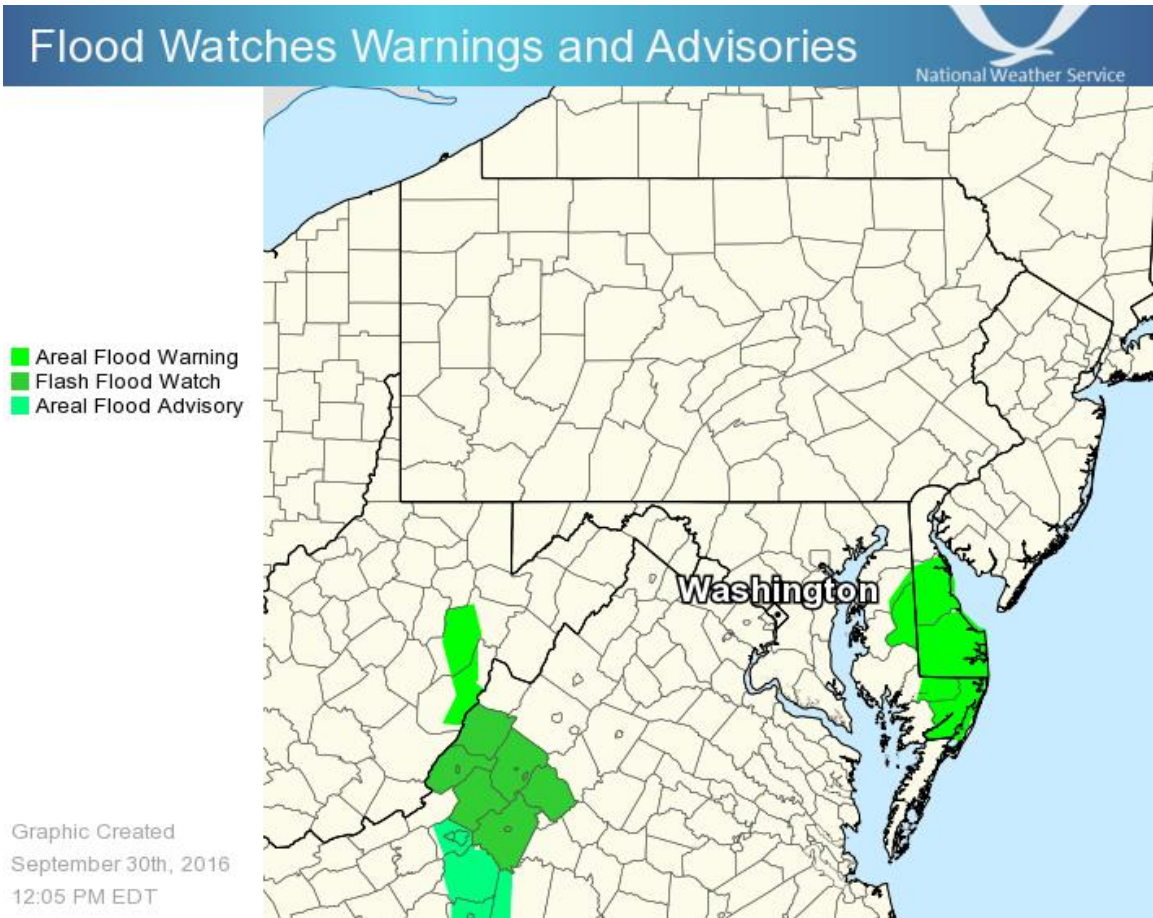
Minor Tidal flooding is expected in Washington DC and Alexandria, VA today through Sunday.

Minor-Moderate tidal flooding is expected along parts of the Chesapeake Bay and its tidal rivers.

Minor coastal flooding is expected along the coasts of Virginia, Maryland, Delaware, and New Jersey (not shown on map)

For the latest forecasts go to: www.weather.gov/marfc

Watches and Warnings



A **flood warning** is currently in effect for portions of the Delmarva peninsula and part of West Virginia.

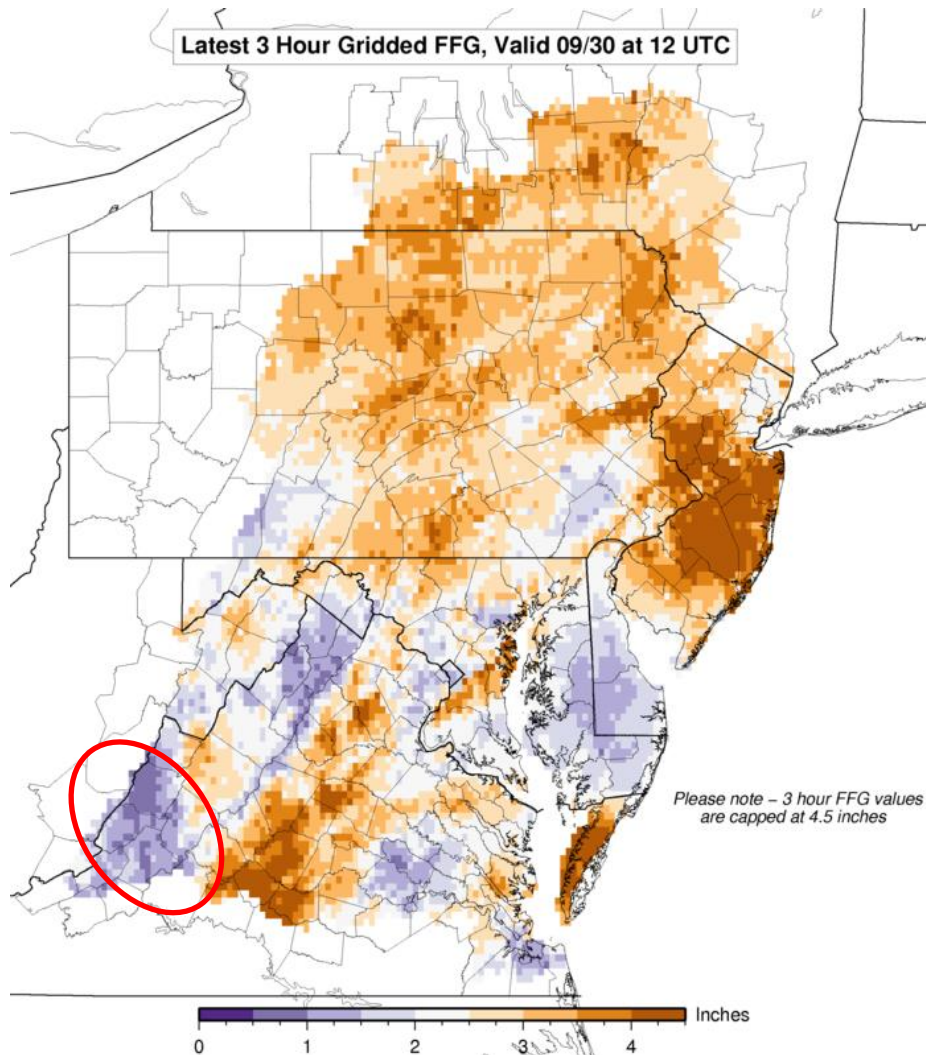
A **flash flood watch** is in effect for parts of west central Virginia.

A flood advisory is currently in effect for portions of south central Virginia.

This map does not show coastal flood warnings and advisories which are in effect.

For the latest watches and warnings go to:
www.weather.gov

Small Streams and Low Lying Areas



Red oval in west central Virginia indicates area with a moderate risk of heavy rainfall and potential for flash flooding or small stream flooding today.

Rainfall during the past 24 hours has lowered flash flood guidance in some areas (light to dark purple shading on map). In these areas (light to dark purple shading on map), an additional 1-2 inches in 3 hours are necessary to cause small stream flooding.

Conditions have been fairly dry over the past couple of months which means many streams can handle more rainfall than usual (brown shaded areas).

Need more 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>
- Email: peter.ahnert@noaa.gov

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Next MARFC Briefing

- **This will be the last briefing for this event.**