Widespread Flooding Across Susquehanna and Potomac Basins

*Hurricane Florence could impact region by late in the week*

Decision Support Briefing #1
As of: Noon, September 9

WHEN FLOODED
TURN AROUND
DON'T DROWN
# Main Points

## HAZARD:
Heavy Rainfall and River Flooding

## IMPACTS:
Widespread 2-3 inches of rain fell in the 24 hrs ending 7am. 2-5 inches is expected across much of the Mid-Atlantic in the next couple of days with heaviest amounts today.

## LOCATION:
Heaviest rainfall is in Western and Central Pennsylvania. Highest flood threat is in Juniata basin and parts of the Potomac River basin.

## TIMING:
Rivers will be rising over next 48 hours.

## FLORENCE:
Hurricane Florence is continuing to move across the Atlantic and is expected to impact the East Coast towards the latter part of this week. However, it is still too early to assess exact timing, location, and impacts although heavy rain should be anticipated.

## NOTES:
Focus of this briefing is on river flooding. Coastal, tidal, and small stream flooding is also expected.
Reports of over 5 inches of rain were reported as of 7am this morning near Norfolk, VA.

Other reports over 2 inches across southern Pennsylvania, Maryland and the Blue Ridge Mountains.
Rainfall will be continuing over the next couple of days although heaviest amounts will be occurring on Sunday.

Large areas of 3-5 inches of rain is forecast primarily in central and western Pennsylvania.

Over 2 inches of rain can be expected over most of the Mid-Atlantic region by Wednesday morning.
Flood Forecasts

- Minor to Moderate flooding is forecast across much of the Juniata River, parts of the Potomac and tributaries in Maryland as well as smaller streams near Harrisburg.

- Extensive moderate coastal and tidal flooding is also anticipated over the next several high tide cycles.

- Small stream flooding will also be widespread across the mid-Atlantic.

- These forecasts do not include any impacts from Florence later in the week.
Select Current Forecasts as of 11am Sunday
Select Current Forecasts as of 11am Sunday

**Conocochague Creek at Fairview**
- Latest observed value: 4.88 ft at 10:45 AM EDT 9-Sep-2018. Flood Stage is 10 ft.
- Action: 8 ft

**Potomac River at Point of Rocks**
- Latest observed value: 3.83 ft at 10:45 AM EDT 9-Sep-2018. Flood Stage is 16 ft.

**Monocacy River near Frederick at Interstate 70**
- Latest observed value: 8.99 ft at 10:29 AM EDT 9-Sep-2018. Flood Stage is 15 ft.

**Potomac River at Georgetown / Wisconsin Ave**
- Latest observed value: 4.34 ft at 10:54 AM EDT 9-Sep-2018. Flood Stage is 6 ft.
Key Messages for Hurricane Florence
Advisory 41: 11:00 AM AST Sun Sep 09, 2018

1. There is an increasing risk of two life-threatening impacts from Florence: storm surge at the coast and freshwater flooding from a prolonged heavy rainfall event inland. While it is too soon to determine the exact timing, location, and magnitude of these impacts, interests at the coast and inland from South Carolina into the mid-Atlantic region should closely monitor the progress of Florence, ensure they have their hurricane plan in place, and follow any advice given by local officials.

For more information go to hurricanes.gov
# Latest Forecast Information

Information in this briefing package may change with updated forecast information. Please refer to the offices below for the latest official forecasts.

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Forecasts also available on the AHPS web site: [http://water.weather.gov](http://water.weather.gov)
Or the MARFC web site: [http://www.weather.gov/marfc](http://www.weather.gov/marfc)
Contact and Next Briefing Information

Next Briefing

*When:* By time on date

*Method:* Insert next briefing method

Briefing Webpage:
http://www.weather.gov/marfc/self_briefing

Disclaimer: The information contained within this briefing is time-sensitive, do not use after 7am September 10th