

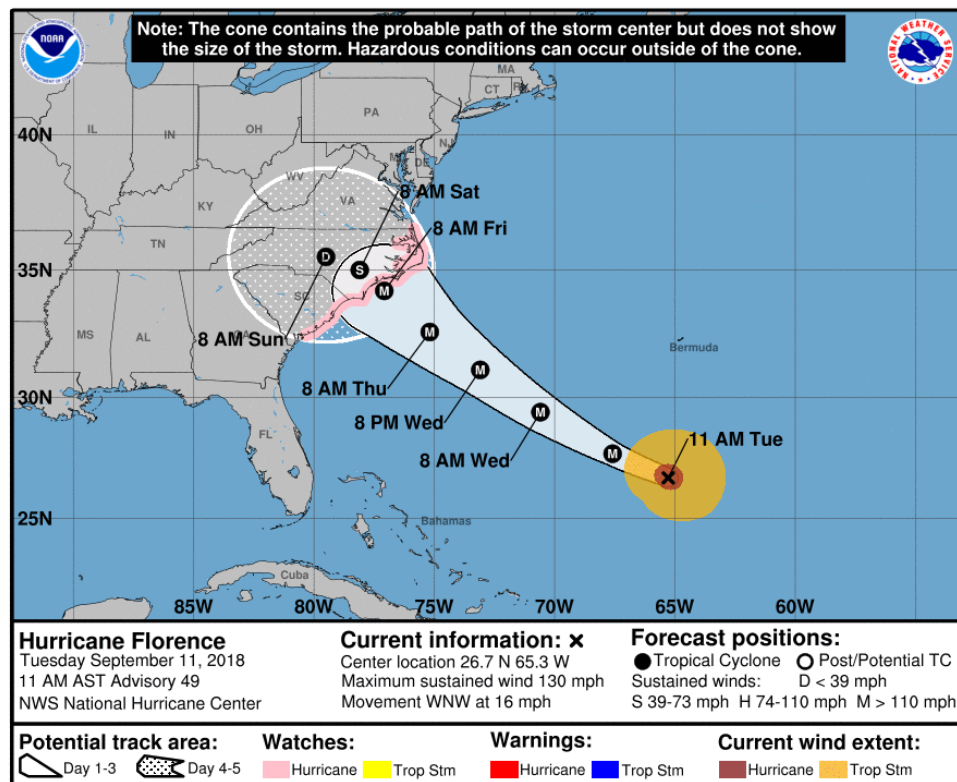
Moderate Flooding Ongoing & Potentially Catastrophic Flooding Possible from Florence

Decision Support Briefing
As of: Noon, Tuesday, September 11



What Has Changed?

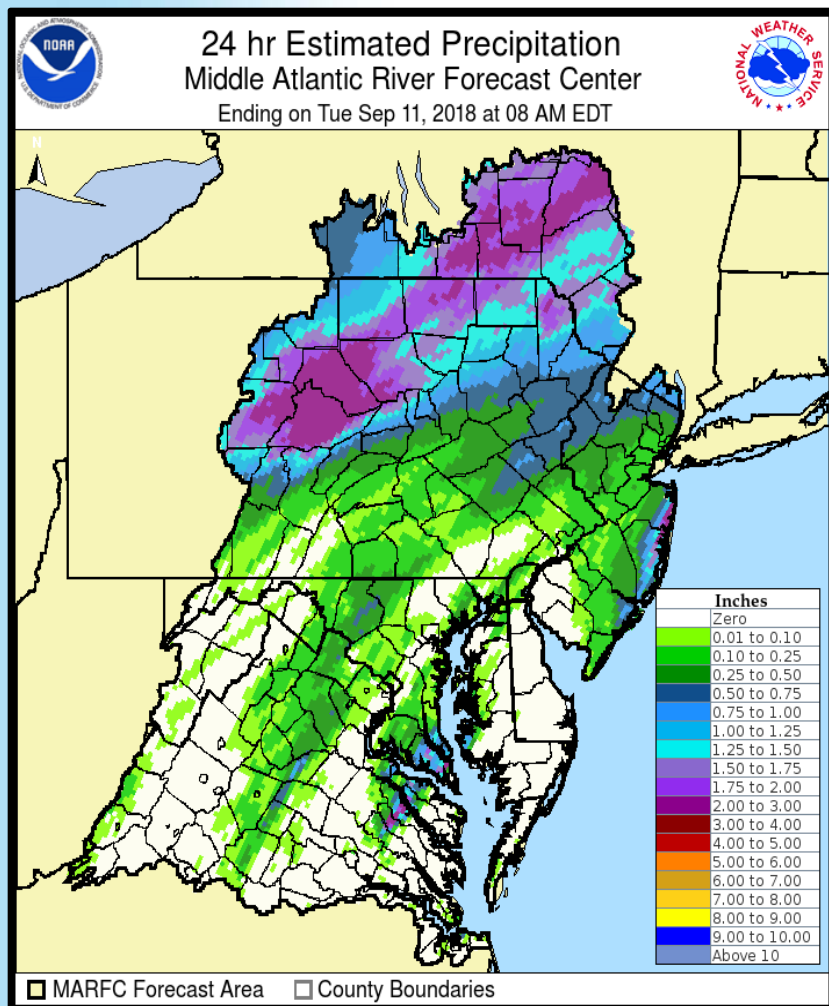
- ✓ Update on Ongoing flooding
- ✓ Update on potential Florence impacts



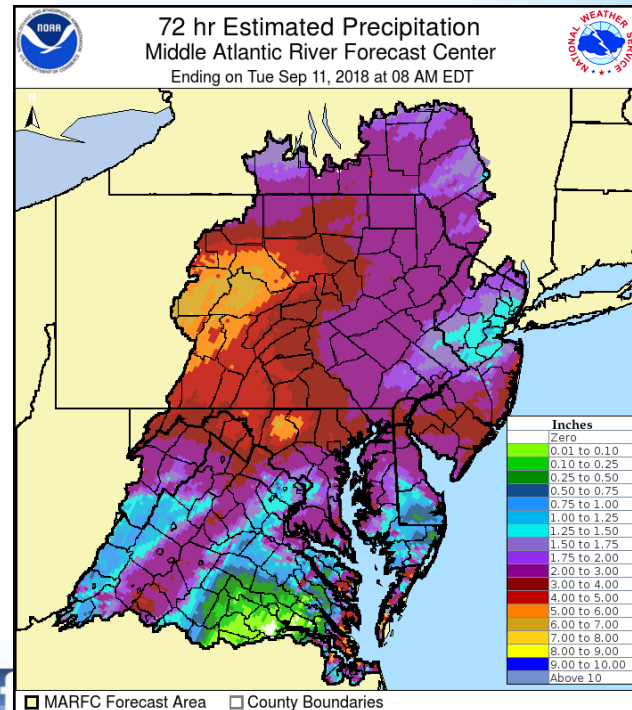
Main Points

HAZARD:	River Flooding from Gordon Remnants
IMPACTS:	Major flooding is ongoing on Bald Eagle Creek (PA) this morning. Minor to moderate flooding at other locations thru the region
LOCATION:	Heaviest impacted areas have been in the Juniata basin, West Branch of the Susquehanna and portions of the Potomac River basin
TIMING:	Flooding is ongoing but rivers are now generally past or near crest with the exception of the middle/lower Susquehanna which will continue rising over the next day.
HAZARD:	River Flooding from Hurricane Florence
IMPACTS	Catastrophic flooding is possible as we are looking at 10-15+ inches of rain over several days
LOCATION:	Initial area of concern would be the James, Appomattox, and Rappahannock River basins in Virginia. However river systems throughout the region could see heavy rain over the next week or so and will need to maintain awareness of latest forecasts.
NOTES:	There is still great uncertainty on the track of Florence especially after it comes inland. This will have a great impact on any potential flooding details

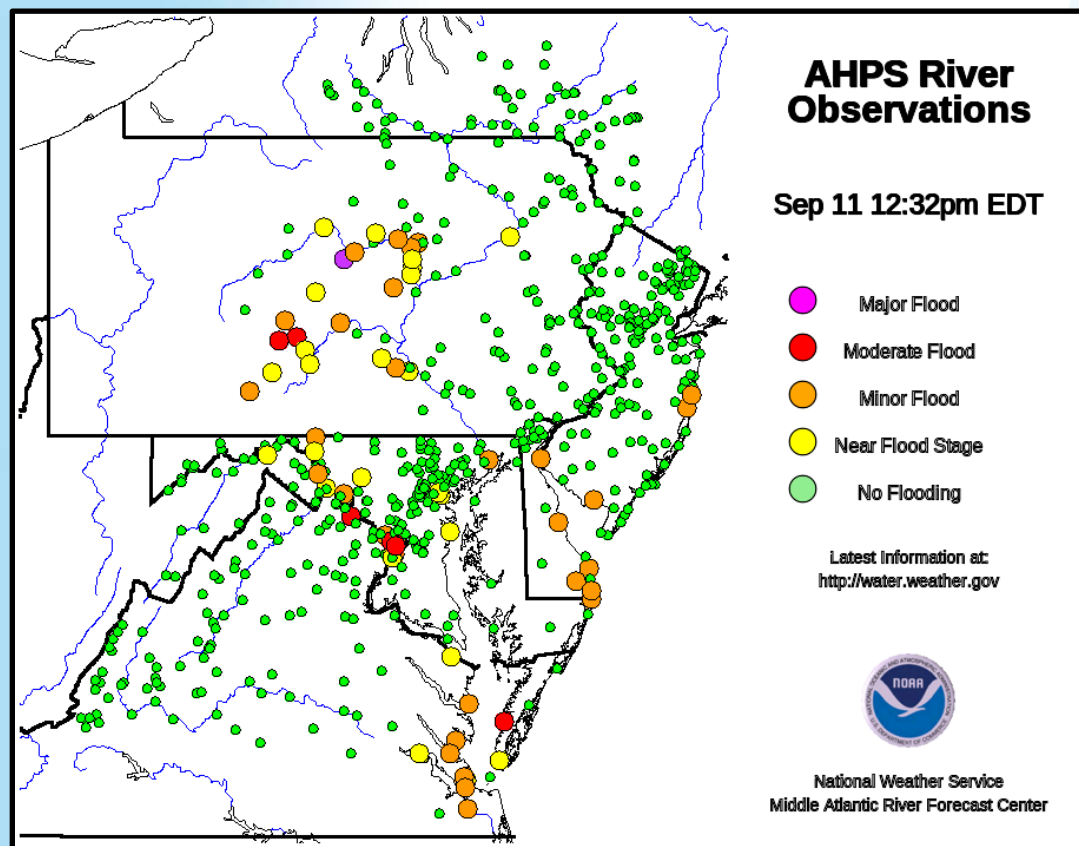
Observed Precipitation



- ✓ Heaviest rainfall of 2-3 inches over past 24hrs fell in West Branch and northern portions of the Susquehanna Basin
- ✓ Large areas of 5-7 inches over past several days

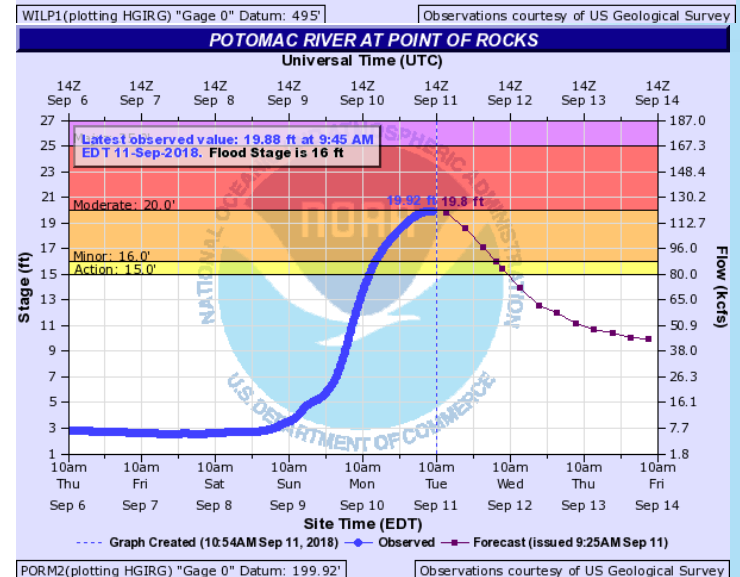
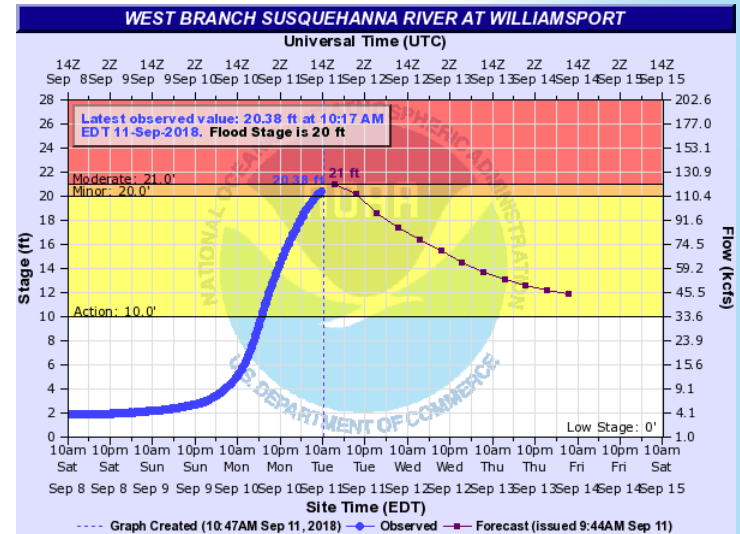
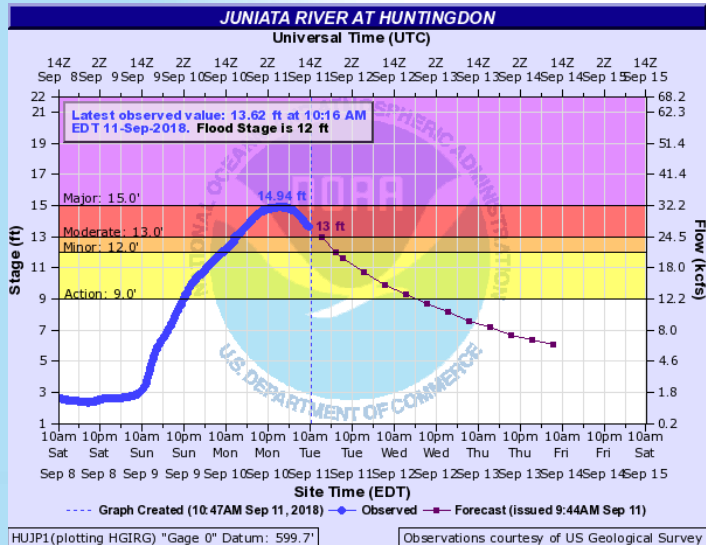
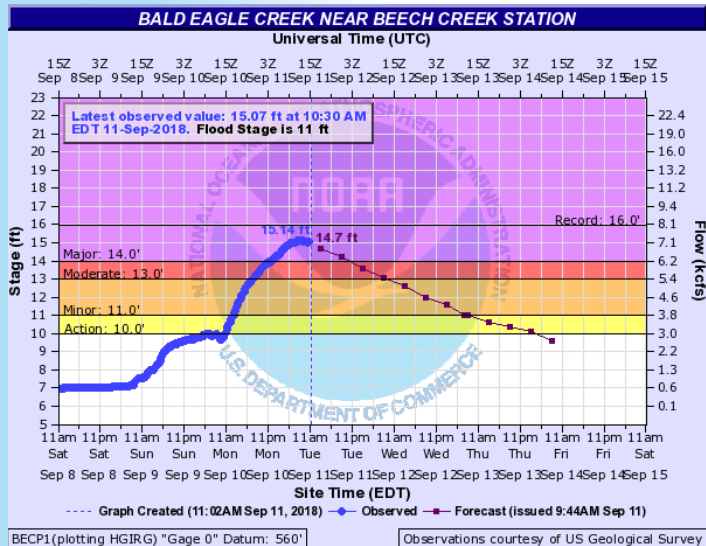


Current River Conditions



- ✓ Flooding is ongoing in the Juniata, West Branch of the Susquehanna and parts of the Potomac basin
- ✓ Beech Creek Station is currently at major flood levels – highest levels since 2004
- ✓ Rivers are generally past or at crest as of Tuesday morning and should be falling over next day or two
- ✓ The middle and lower Susquehanna will continue rises for the next day before falling

Select River Forecasts – No Florence Rainfall

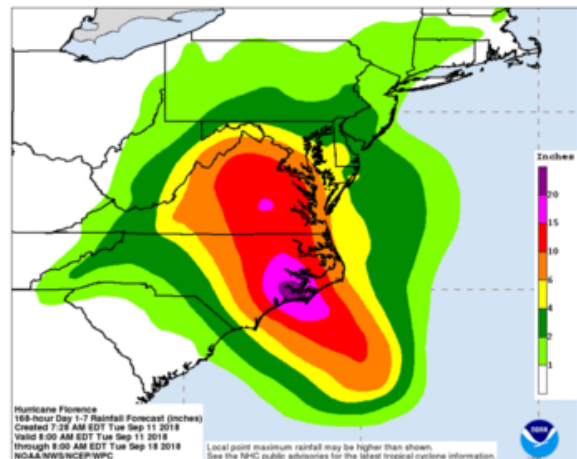
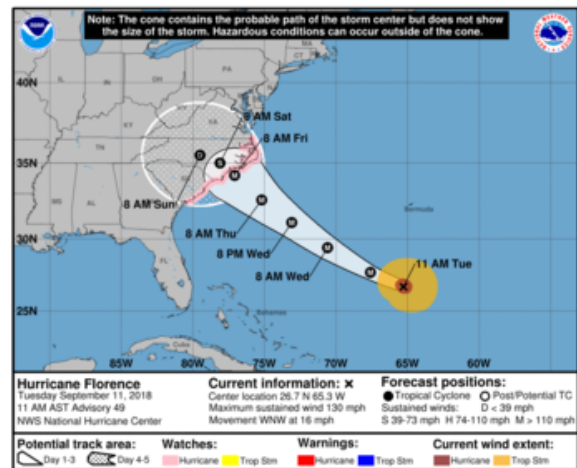


Tropical Conditions

Key Messages for Hurricane Florence

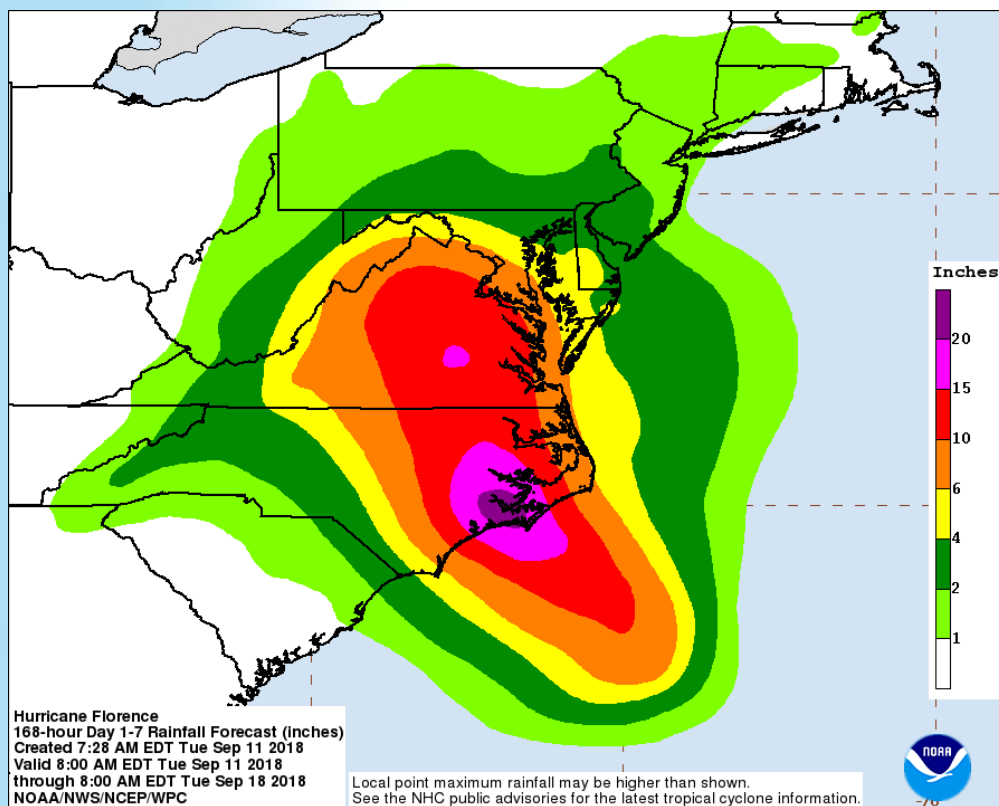
Advisory 49: 11:00 AM AST Tue Sep 11, 2018

1. A life-threatening storm surge is likely along portions of the coastlines of South Carolina, North Carolina, and Virginia, and a Storm Surge Watch is in effect for a portion of this area. All interests from South Carolina into the mid-Atlantic region should ensure they have their hurricane plan in place and follow any advice given by local officials.
2. Life-threatening, catastrophic flash flooding and significant river flooding is possible over portions of the Carolinas and Mid-Atlantic states from late this week into early next week, as Florence is expected to slow down as it approaches the coast and moves inland.
3. Damaging hurricane-force winds are likely along portions of the coasts of South Carolina and North Carolina, and a Hurricane Watch is in effect for a part of this area. Damaging winds could also spread well inland into portions of the Carolinas and Virginia.
4. Large swells affecting Bermuda and portions of the U.S. East Coast will continue this week, resulting in life-threatening surf and rip currents.



For more information go to hurricanes.gov

Forecast Precipitation from Florence



This depicts forecast as of 11am Tuesday. This will change greatly as more track details become available!

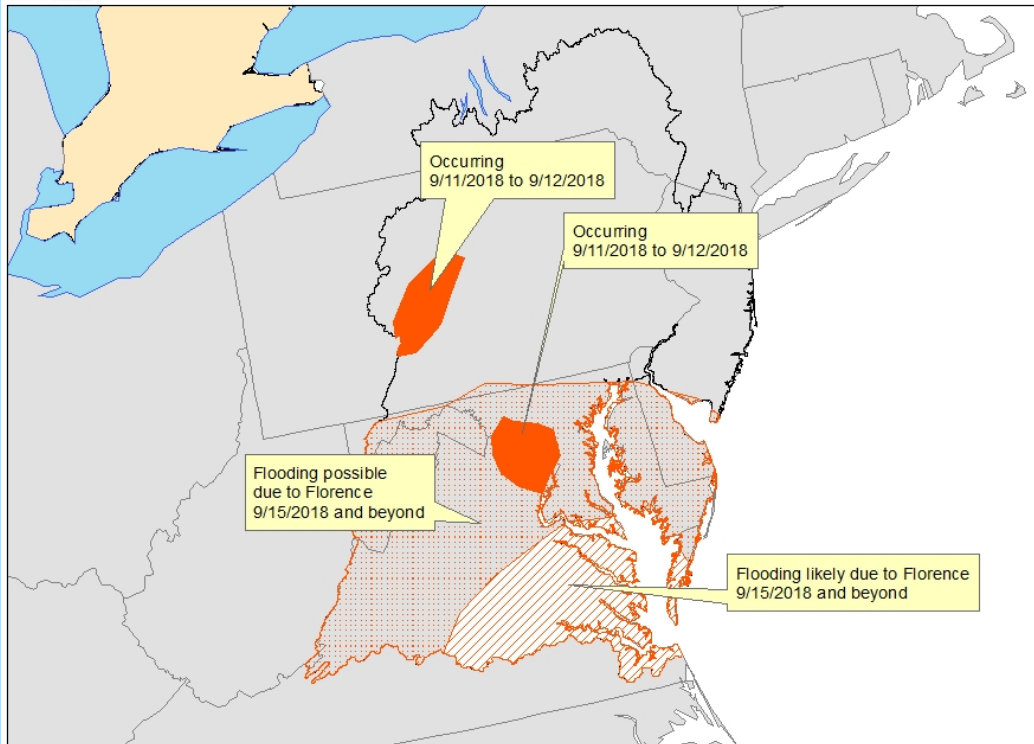
- ✓ This graphic depicts 7 days of forecast precipitation due to Florence
- ✓ **Still a great deal of uncertainty of storm track particularly after Florence moves inland. This will greatly impact rainfall details**
- ✓ However there is strong potential for 10-15 inches of rain in many areas
- ✓ Rainfall could also impact areas in more northern basins in Pennsylvania later in period

5 Day Flood Outlook

Significant River Flood Outlook

Valid: 9/11/2018 - 9/16/2018

Middle Atlantic River Forecast Center 9/11/2018 12:30:23 PM



SIGNIFICANT RIVER FLOODING POSSIBLE. **SIGNIFICANT RIVER FLOODING LIKELY.** **SIGNIFICANT RIVER FLOODING OCCURRING OR IS IMMINENT.**

Significant River Flooding Impacts include:
Roads adversely affected. Residential, commercial, industrial, and/or agricultural areas affected. May require evacuation of people.

NOTE: Flash Flooding or Minor River Flooding will NOT be included in this outlook.

- ✓ Some significant flooding already ongoing but should be dropping over the next several days
- ✓ Earliest area of concern for flooding from Florence will be in the James, Appomattox, and Rappahannock River basins
- ✓ Other areas may be impacted later as Florence progress. All should be paying attention to latest forecasts

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

Office	Web Page	Social Media
Binghamton, NY	http://weather.gov/bgm	@NWSBinghamton
Blacksburg, VA	http://weather.gov/rnk	@NWSBlacksburg
Mount Holly, NJ	http://weather.gov/phi	@NWS_MountHolly
State College, PA	http://weather.gov/ctp	@NWSStateCollege
New York City, NY	http://weather.gov/okx	@NWSNewYorkNY
Sterling, VA	http://weather.gov/lwx	@NWS_BaltWash
Wakefield, VA	http://weather.gov/akq	@NWSWakefieldVA

Forecasts also available on the AHPS web site: <http://water.weather.gov>
 Or the MARFC web site: <http://www.weather.gov/marfc>

Contact and Next Briefing Information

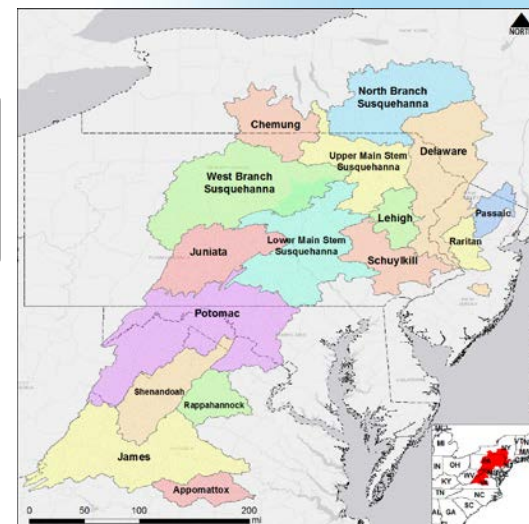
Next Briefing

When: By time on date

Method: Insert next briefing method

Briefing Webpage:

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



Web:

<http://www.weather.gov/marfc>



E-mail:

Robert.Shedd@noaa.gov



Facebook:

NWSMARFC



Twitter:

NWSMARFC

Disclaimer: The information contained within this briefing is time-sensitive, do not use after 7am Wednesday, Sept 12