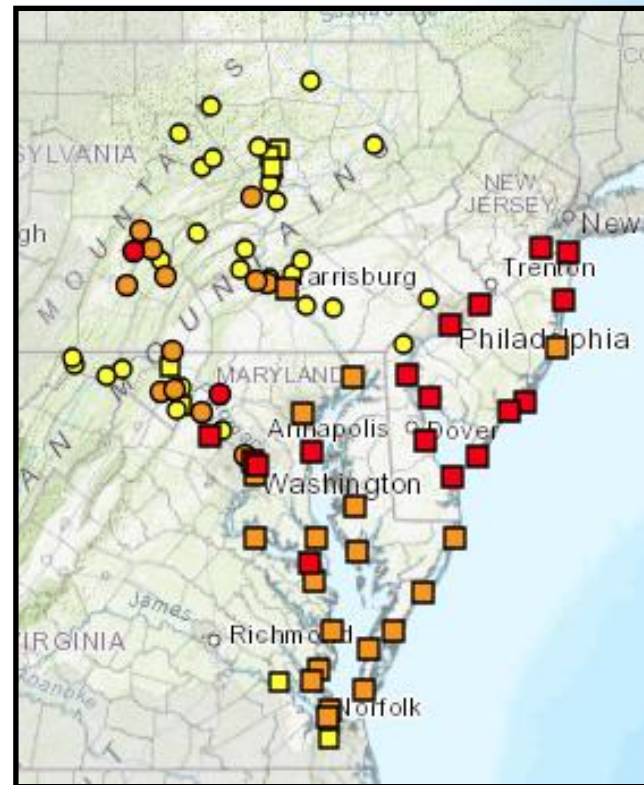


Widespread Flooding Across Susquehanna and Potomac Basins

Hurricane Florence could impact region by late in the week

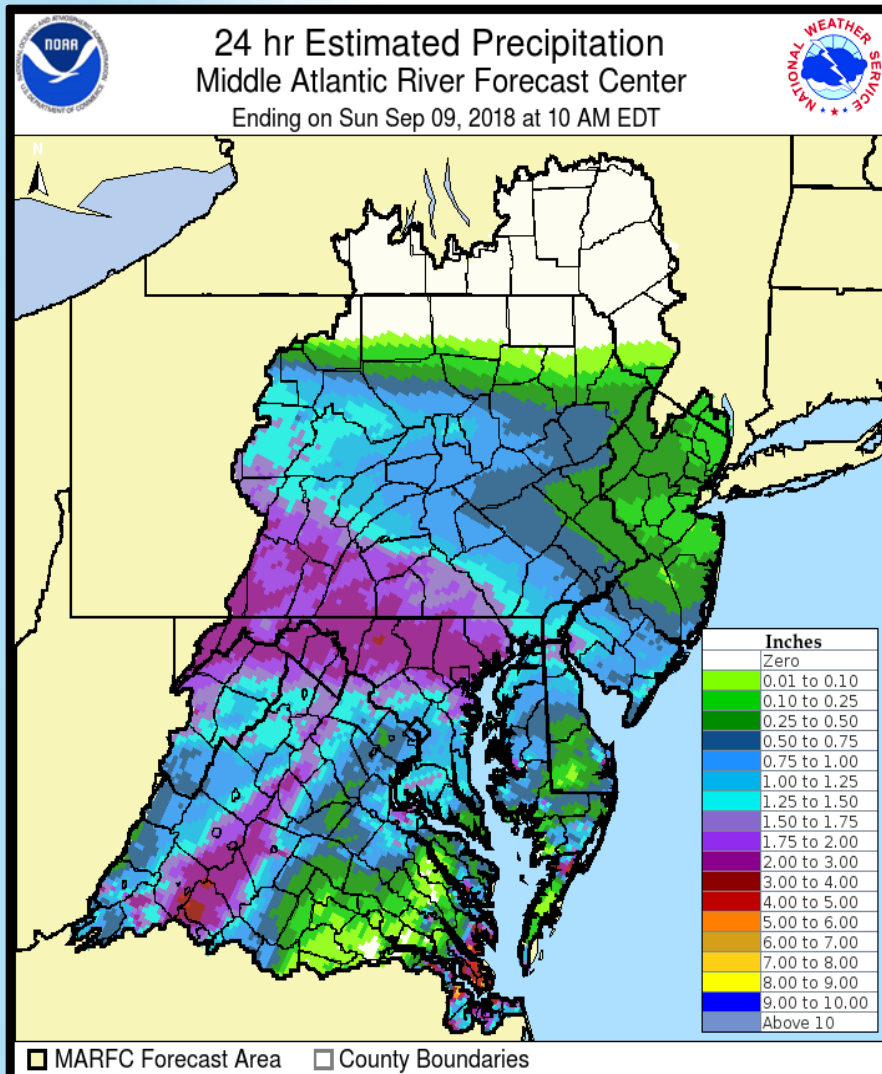
Decision Support Briefing #1
As of: Noon, September 9



Main Points

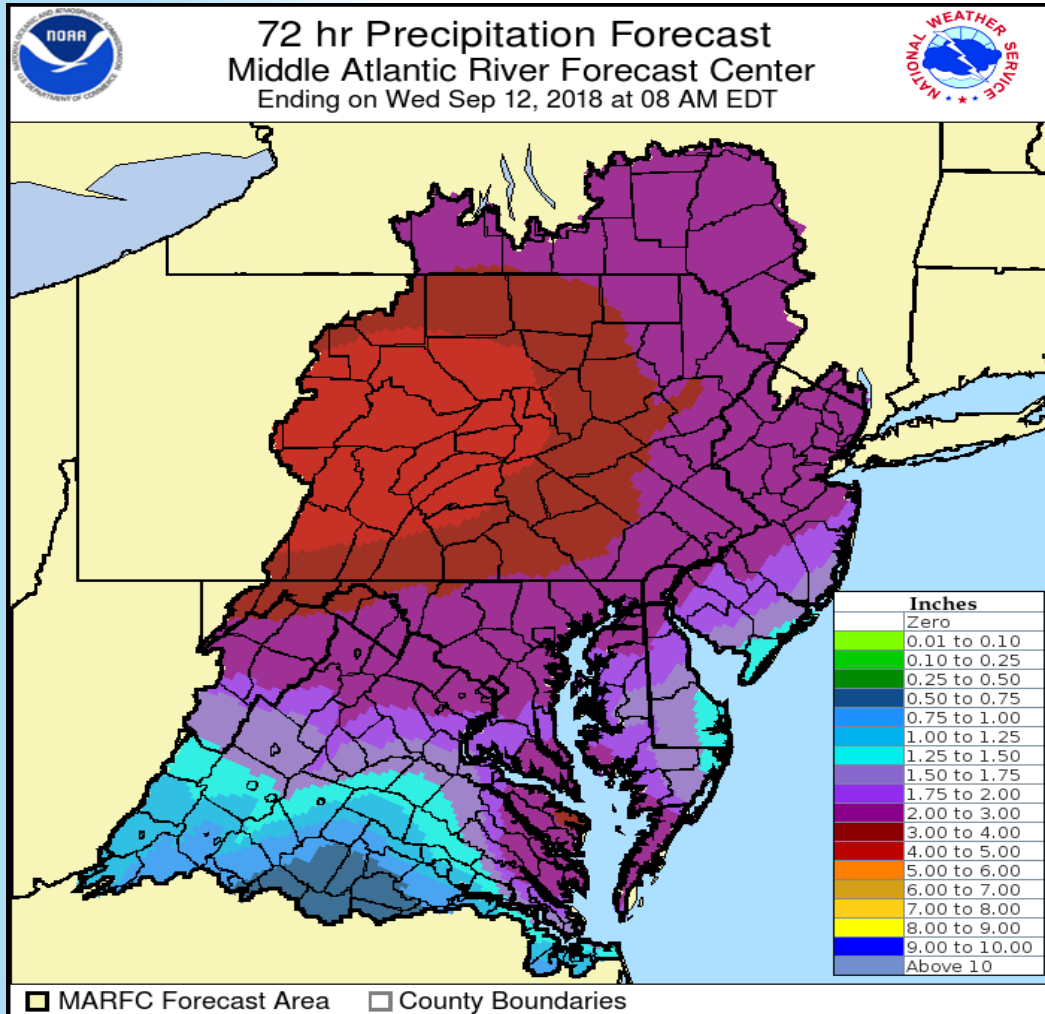
HAZARD:	Heavy Rainfall and River Flooding
IMPACTS:	Widespread 2-3 inches of rain fell in the 24 hrs ending 7am. 2-5 inches is expected across much of the Mid-Atlantic in the next couple of days with heaviest amounts today
LOCATION:	Heaviest rainfall is in Western and Central Pennsylvania Highest flood 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

Observed Precipitation



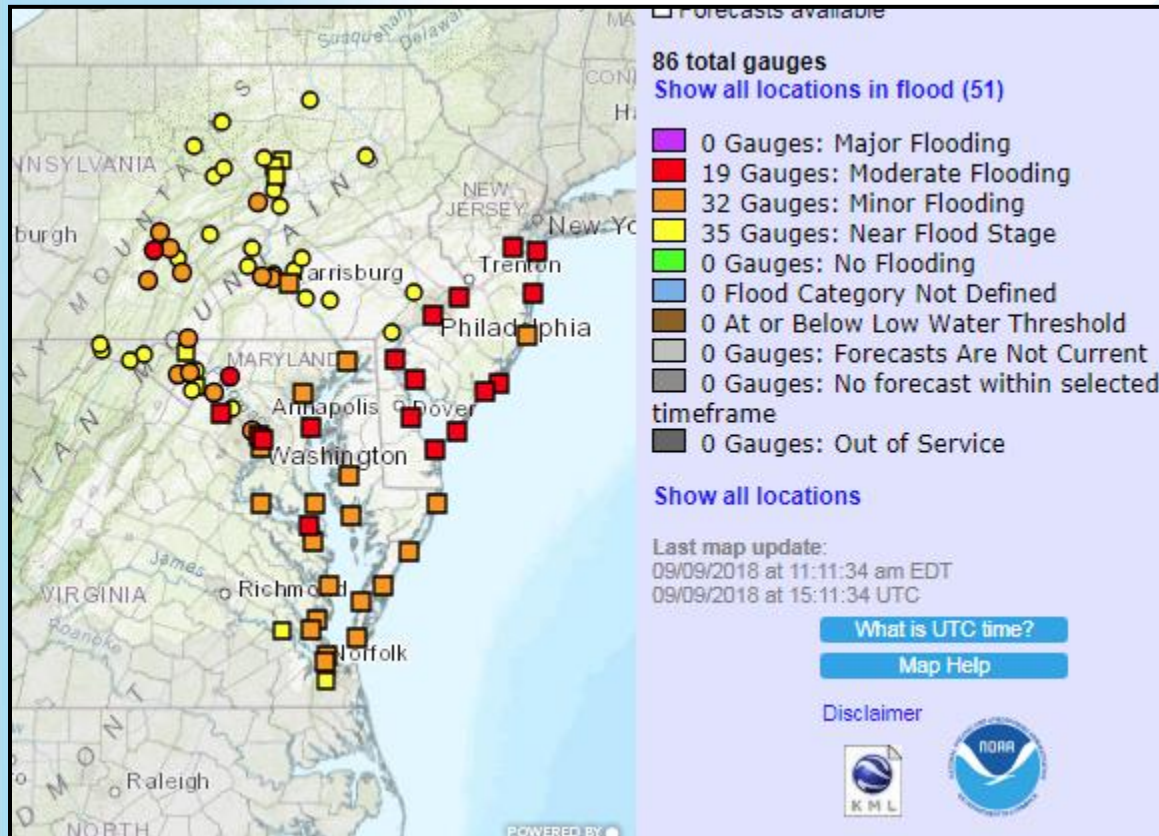
- ✓ Reports of over 5 inches of rain were reported as of 7am this morning near Norfolk, VA
- ✓ Other reports over 2 inches across southern Pennsylvania, Maryland and the Blue Ridge Mountains

Forecast Precipitation



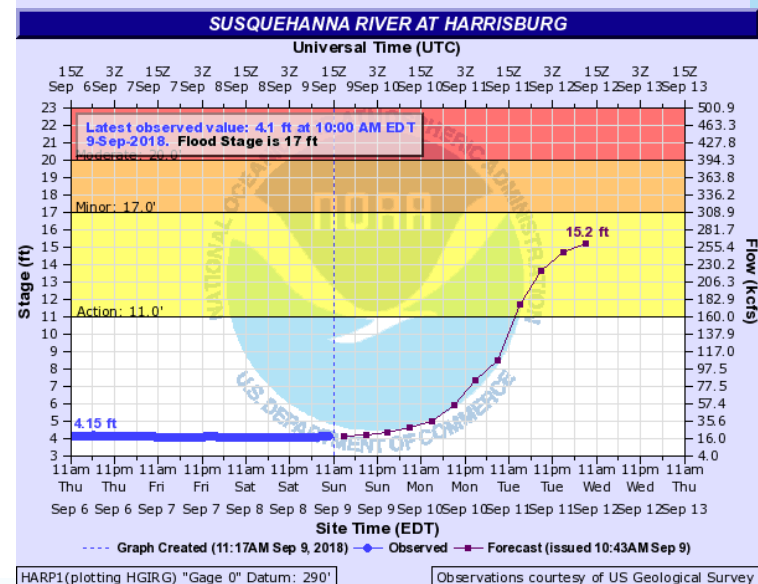
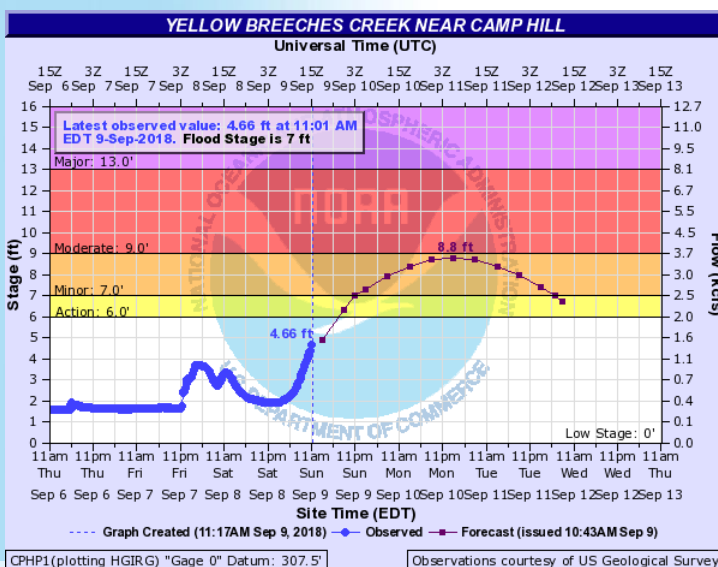
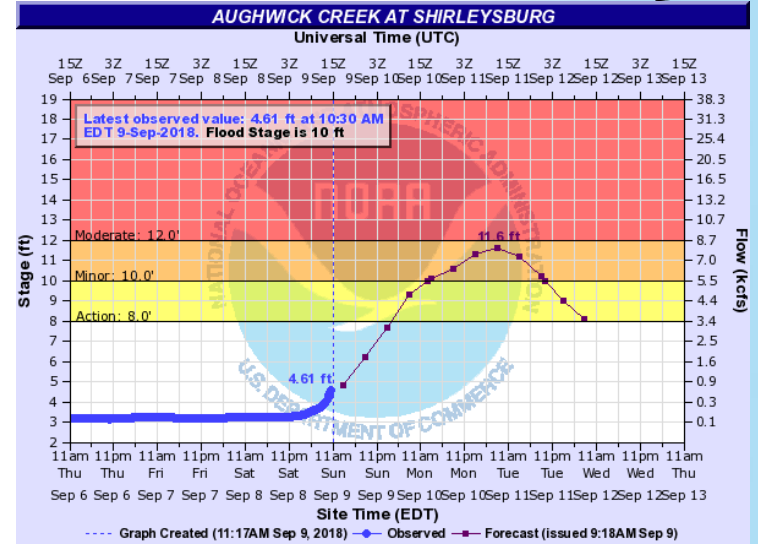
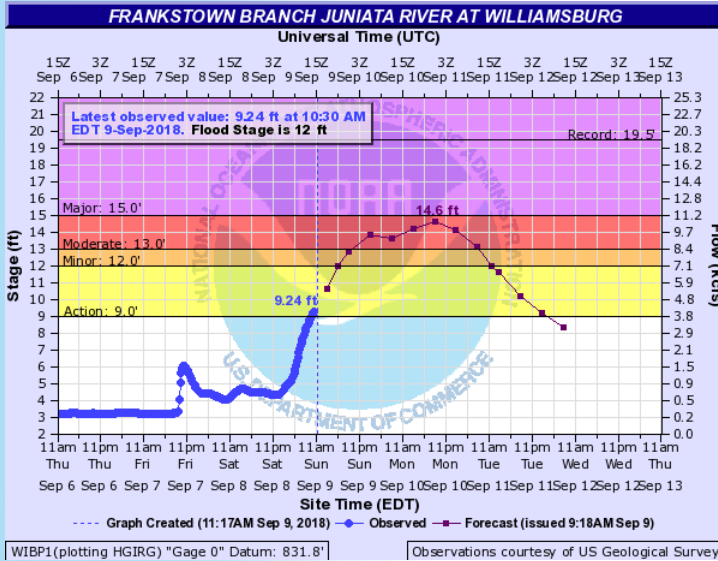
- ✓ Rainfall will be continuing over the next couple of days although heaviest amounts will be occurring on Sunday
- ✓ Large areas of 3-5 inches of rain is forecast primarily in central and western Pennsylvania
- ✓ Over 2 inches of rain can be expected over most of the Mid-Atlantic region by Wednesday morning

Flood Forecasts

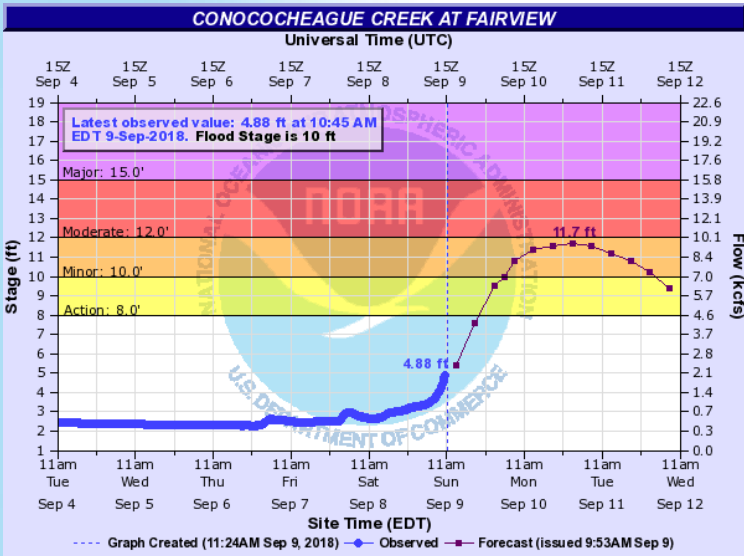


- ✓ Minor to Moderate flooding is forecast across much of the Juniata River, parts of the Potomac and tributaries in Maryland as well as smaller streams near Harrisburg
- ✓ Extensive moderate coastal and tidal flooding is also anticipated over the next several high tide cycles
- ✓ Small stream flooding will also be widespread across the mid-Atlantic
- ✓ These forecasts do not include any impacts from Florence later in the week

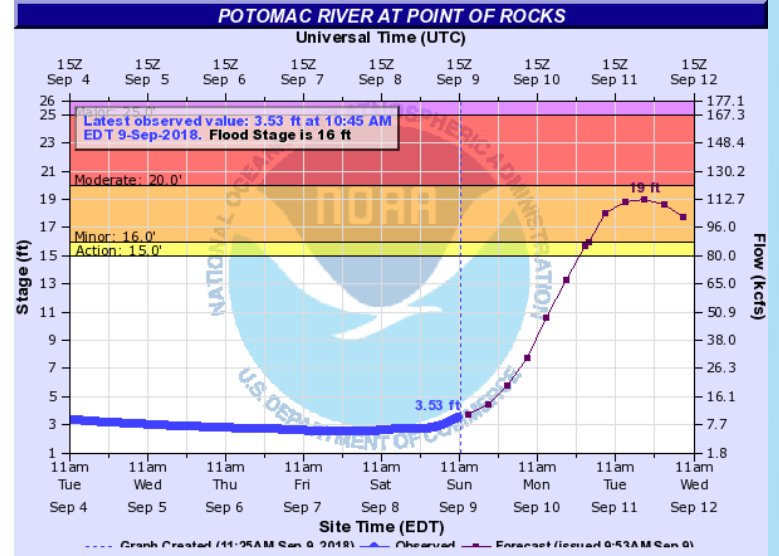
Select Current Forecasts as of 11am Sunday



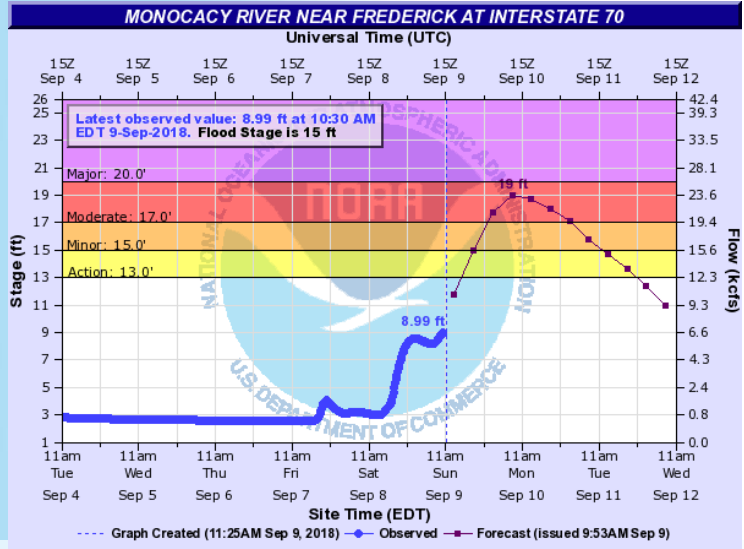
Select Current Forecasts as of 11am Sunday



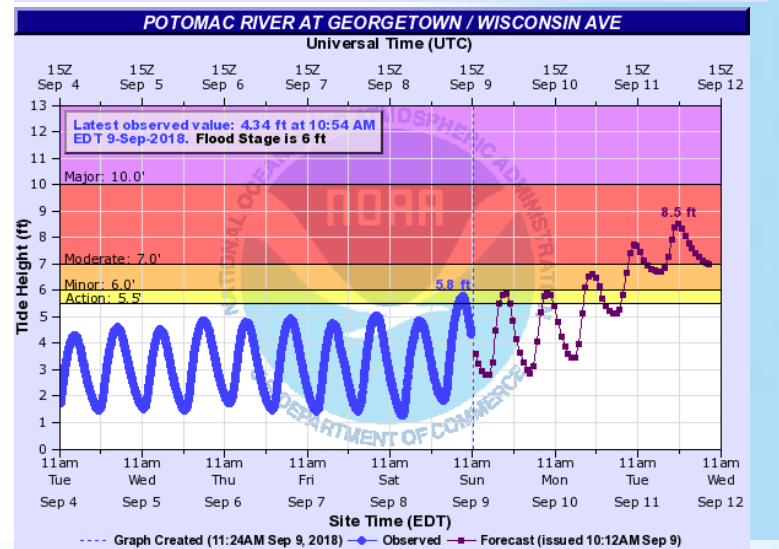
FAVM2(plotting HGIRG) "Gage 0" Datum: 391.19' Observations courtesy of US Geological Survey



FAVM2(plotting HGIRG) "Gage 0" Datum: 391.19' Observations courtesy of US Geological Survey



FDKM2(plotting HGIRG) "Gage 0" Datum: 231.21' Observations courtesy of US Geological Survey



GTND2(plotting HMIRG) "Gage 0" Datum: 0' Observations courtesy of US Geological Survey

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

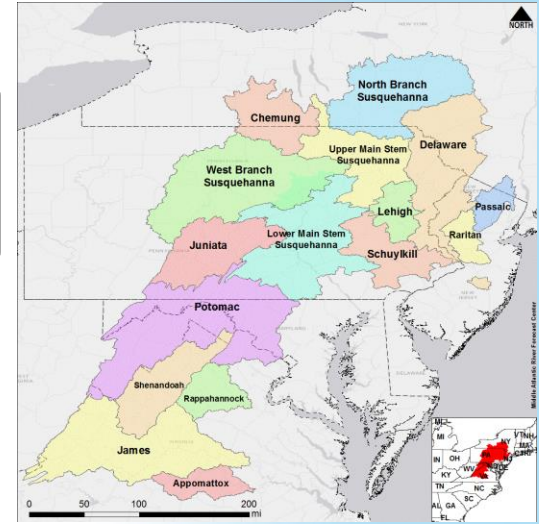
Office	Web Page	Social Media
Binghamton, NY	http://weather.gov/bgm	@NWSBinghamton
Blacksburg, VA	http://weather.gov/rnk	@NWSBlacksburg
Mount Holly, NJ	http://weather.gov/phi	@NWS_MountHolly
State College, PA	http://weather.gov/ctp	@NWSStateCollege
New York City, NY	http://weather.gov/okx	@NWSNewYorkNY
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:
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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 7am September 10th*