

2018 World Equestrian Games

Decision Support Weather Briefing #11
National Weather Service Greenville-Spartanburg SC

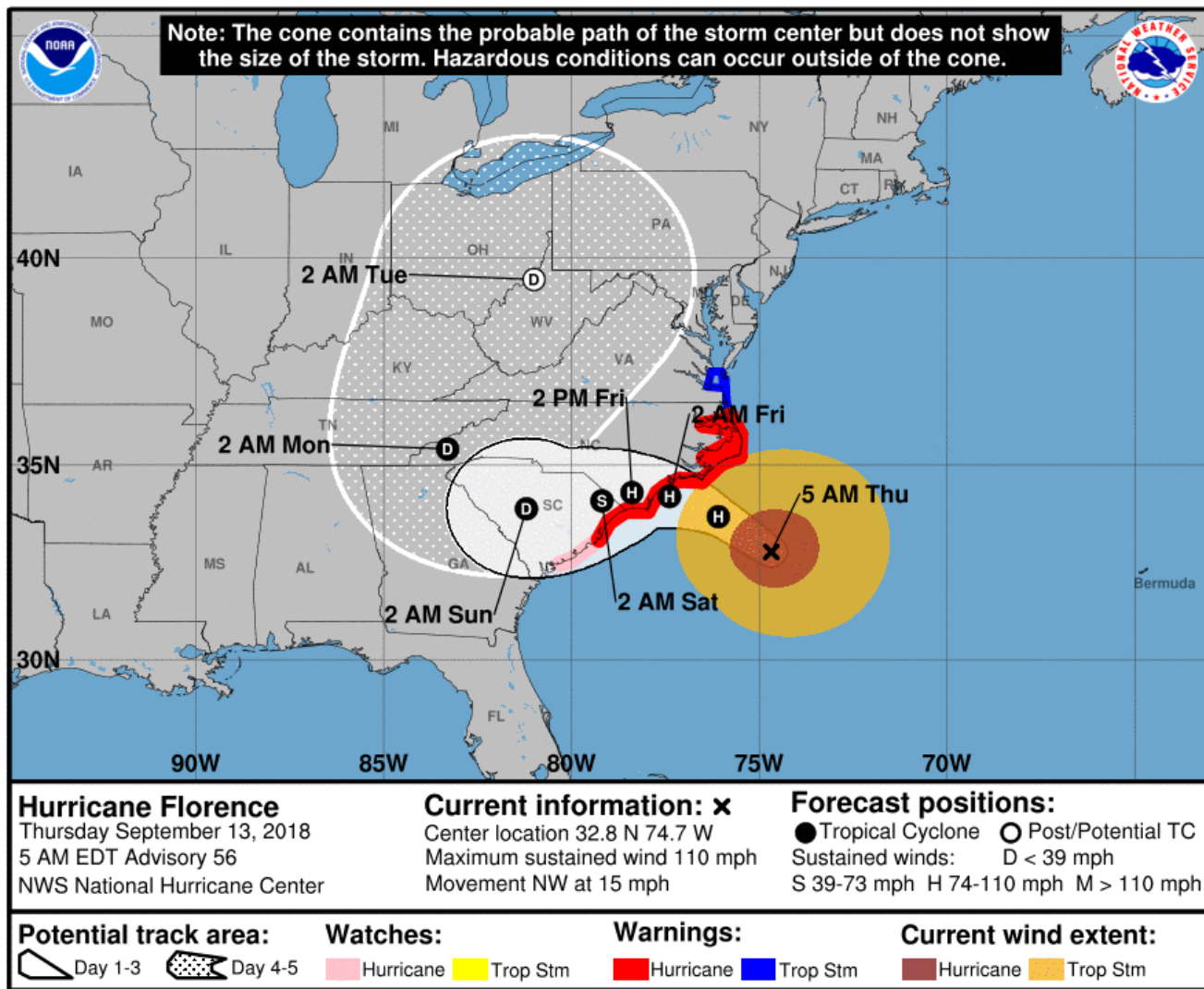


What Has Changed?

- ✓ *Impacts from Florence look increasingly likely this weekend.*
- ✓ *Threat of heavy rainfall has increased late this week through early next week.*
- ✓ *Gusty wind threat remains similar, though tornado threat has increased this weekend.*

VALID AS OF 9/13/2018 4:55 AM

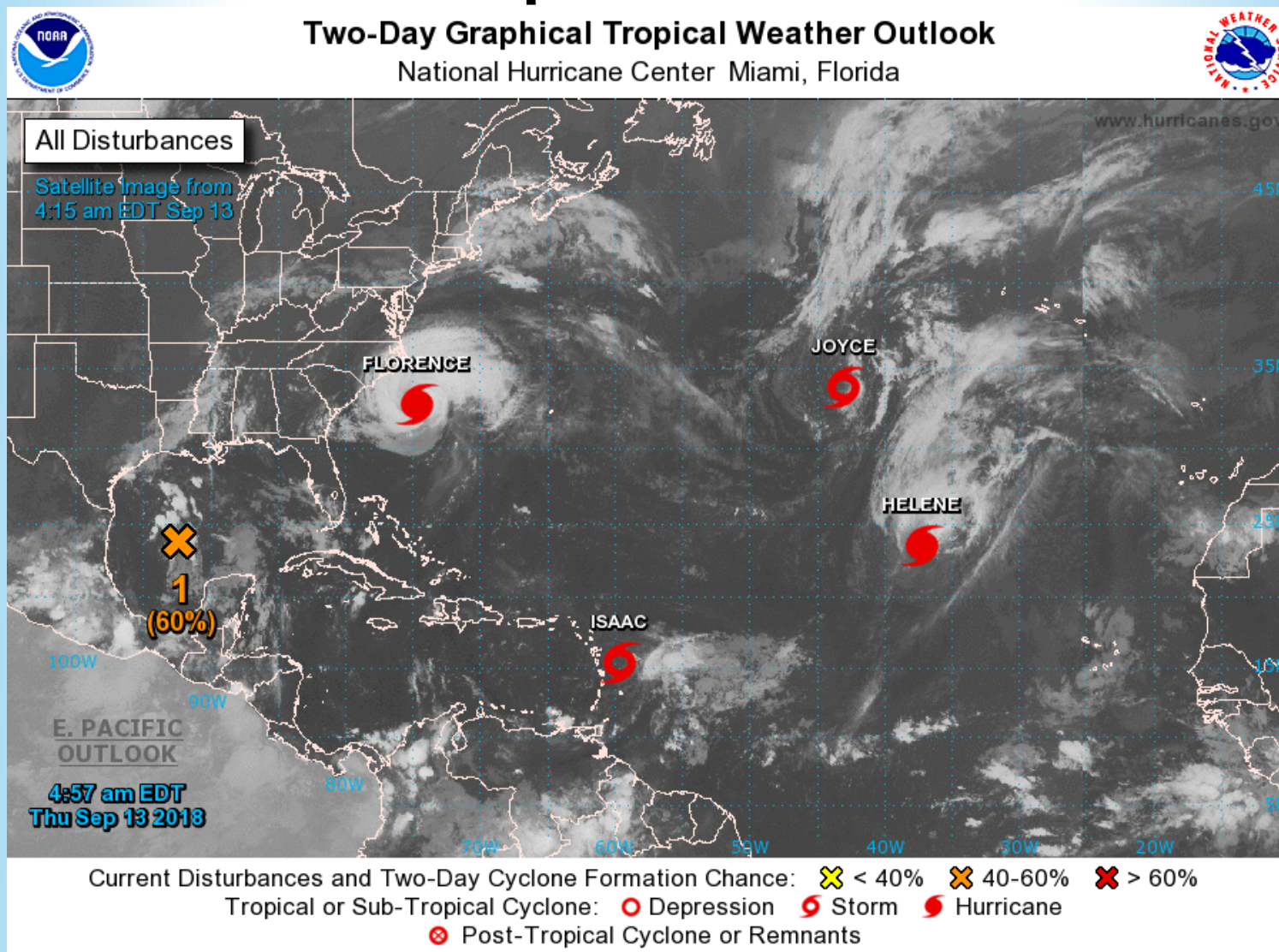
NHC 5 AM EDT Tropical Cyclone Florence Forecast



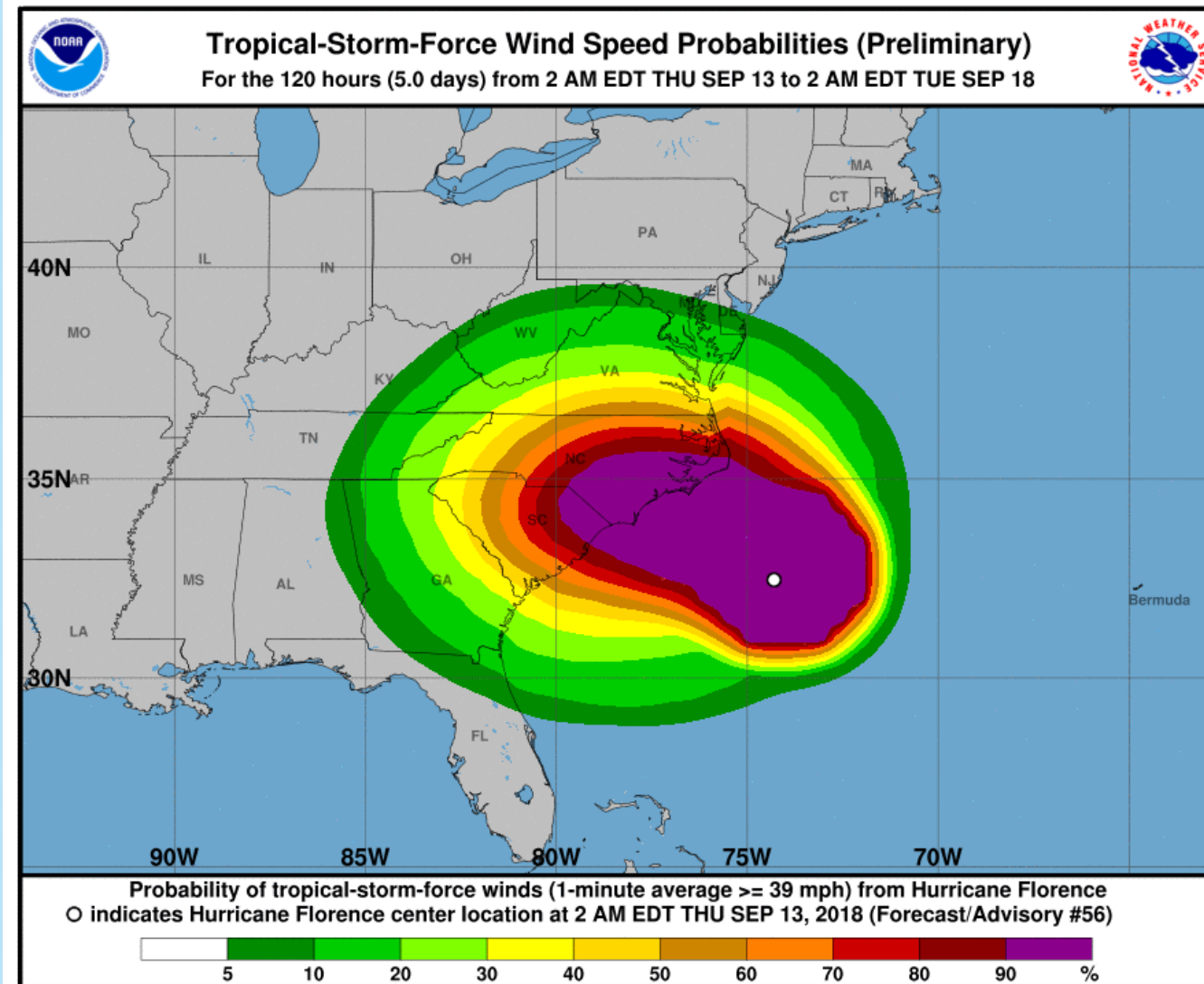
Main Points for Tropical Cyclone Florence

Hazard	Impacts	Location	Timing
Wind	Breezy to windy conditions associated with Tropical Cyclone Florence will be possible this weekend.	The greatest chance of windy conditions is currently piedmont areas east of the WEG Site.	As early as Saturday, but with highest wind potential expected Sunday.
Tornado	The new forecast track remains well south of the WEG site, placing it in an area that could be favorable for tornado development. This threat is highly uncertain and very dependent on the track of Florence.	Some tornado potential exists across much of our area, including the WEG site.	If any tornado risk materializes, it would likely be late Saturday through Sunday.
Heavy Rain/Flash Flooding	Confidence in a threat for heavy rainfall and flooding is increasing as Florence moves inland. Early rainfall estimates range from 6-8," which would put the mountains of NC at risk for landslides.	The WEG site, along with most of western NC, is now included in areas that may see heavy rainfall, flooding, and potential landslides.	Rainfall would start on Saturday, though heaviest rain would arrive on Sunday. Showers could linger through early next week.
River Flooding	Highly uncertain and dependent on the track of Florence.	The entire area.	Any heavy rain would cause main stem rivers to rise through the weekend.

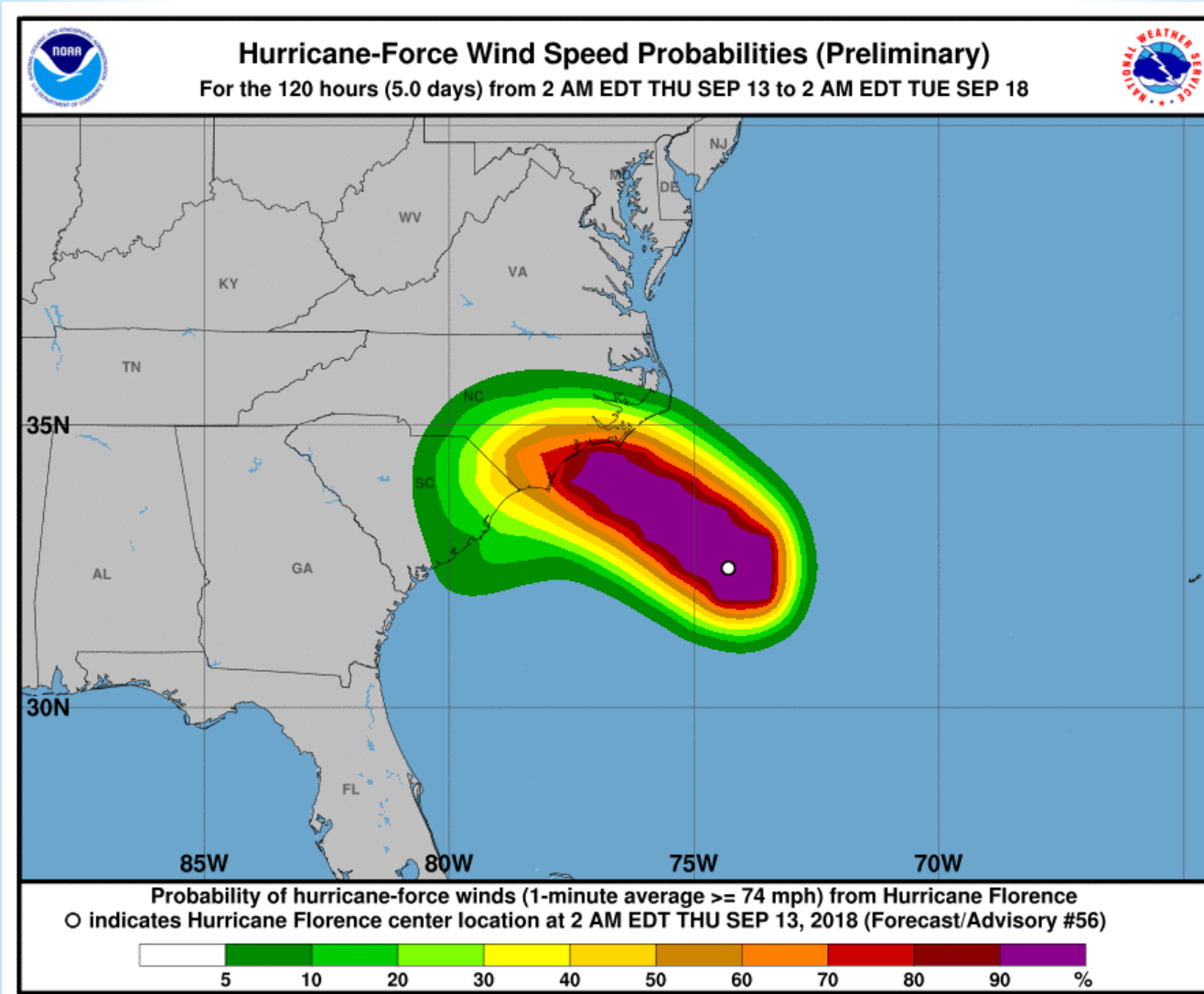
The NHC Tropical Weather Outlook



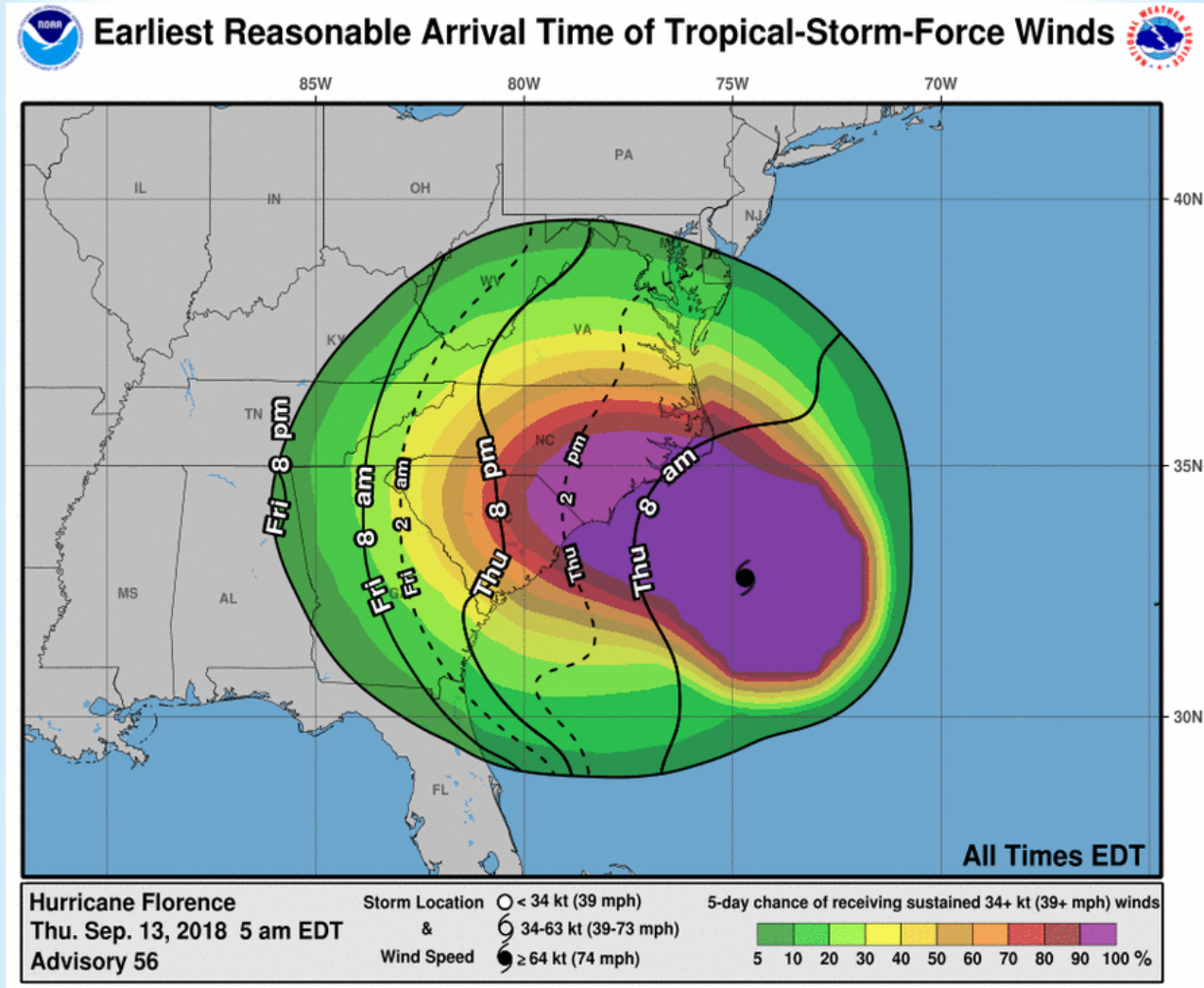
NHC Tropical Storm Force Wind Speed Probabilities



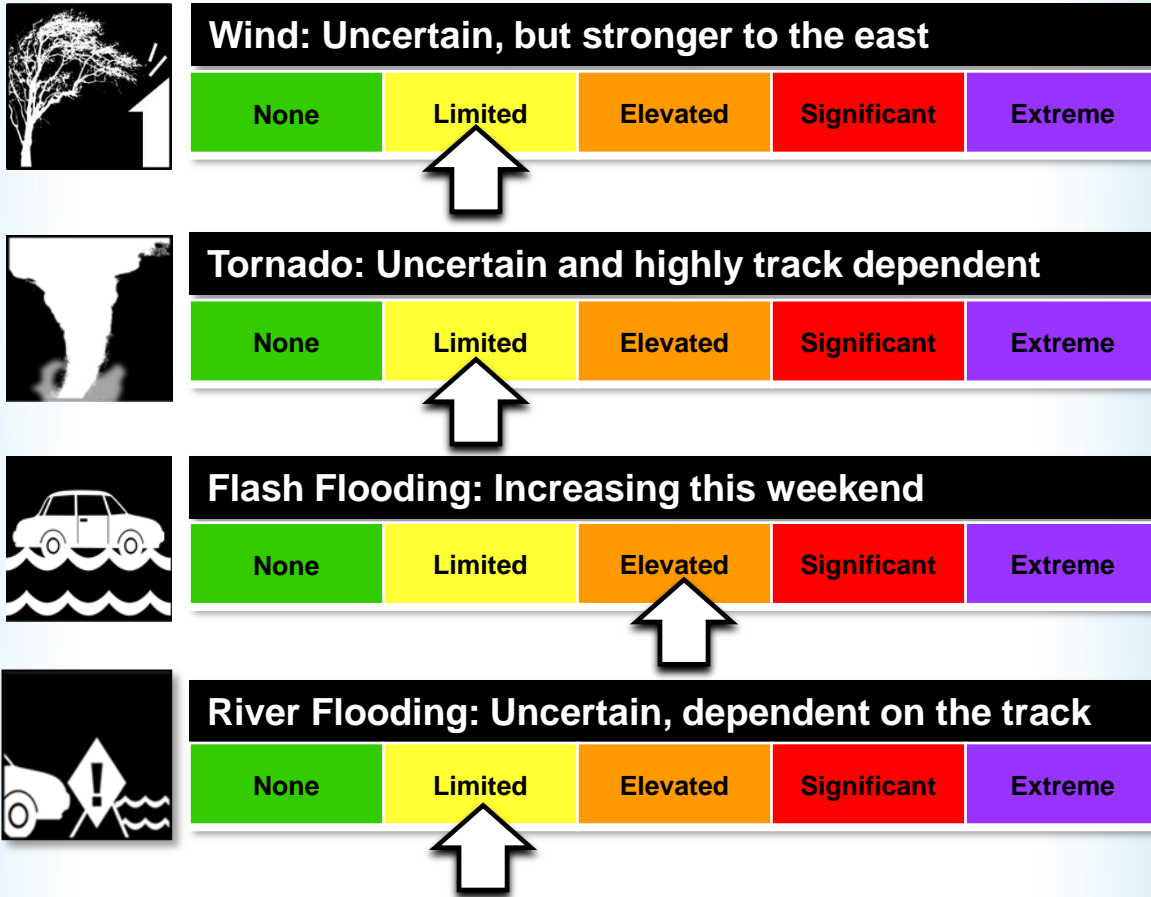
NHC Hurricane Force Wind Speed Probabilities



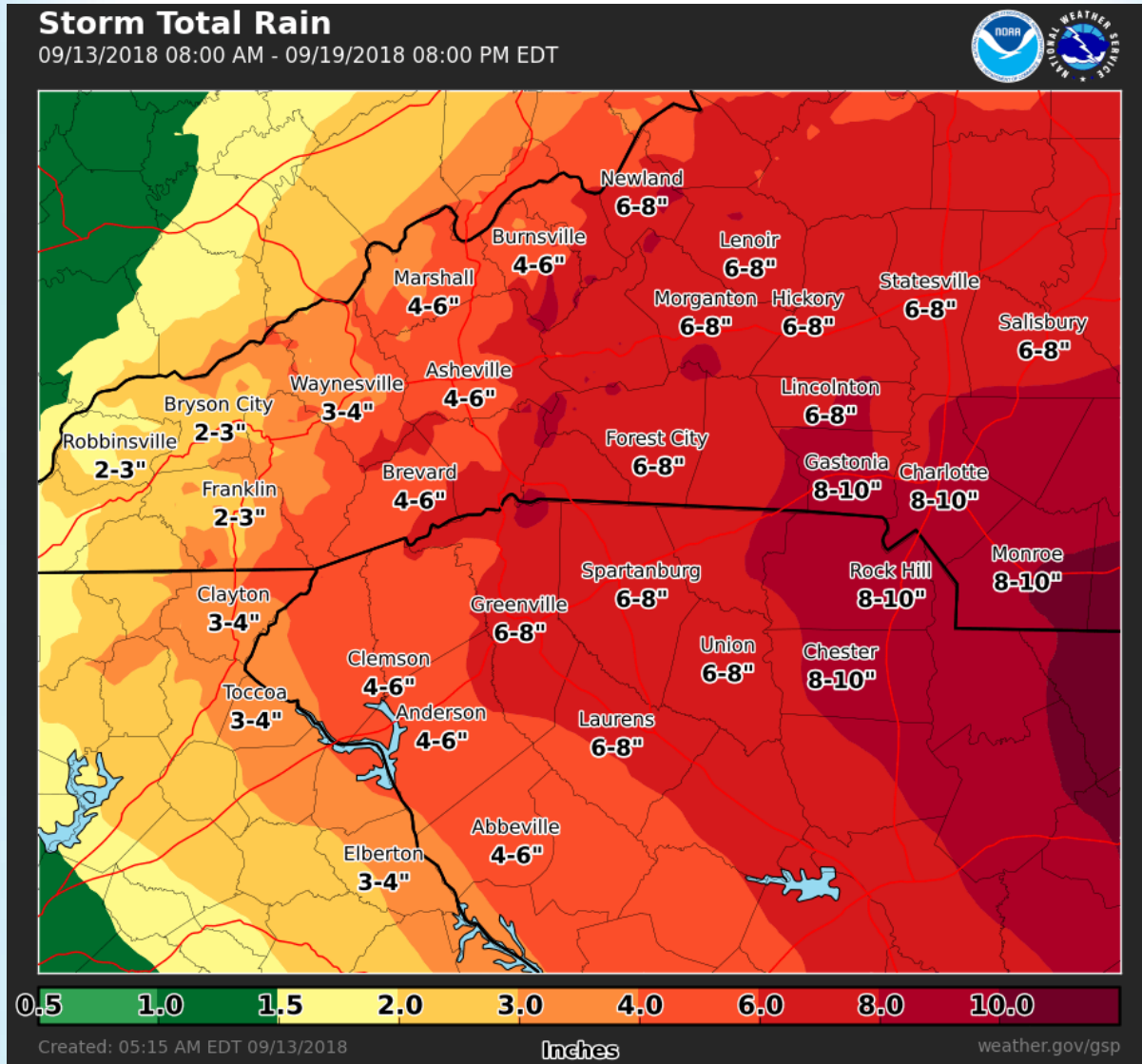
NHC Earliest Reasonable Arrival Time of Tropical Storm Force Winds



Summary of Greatest Impacts



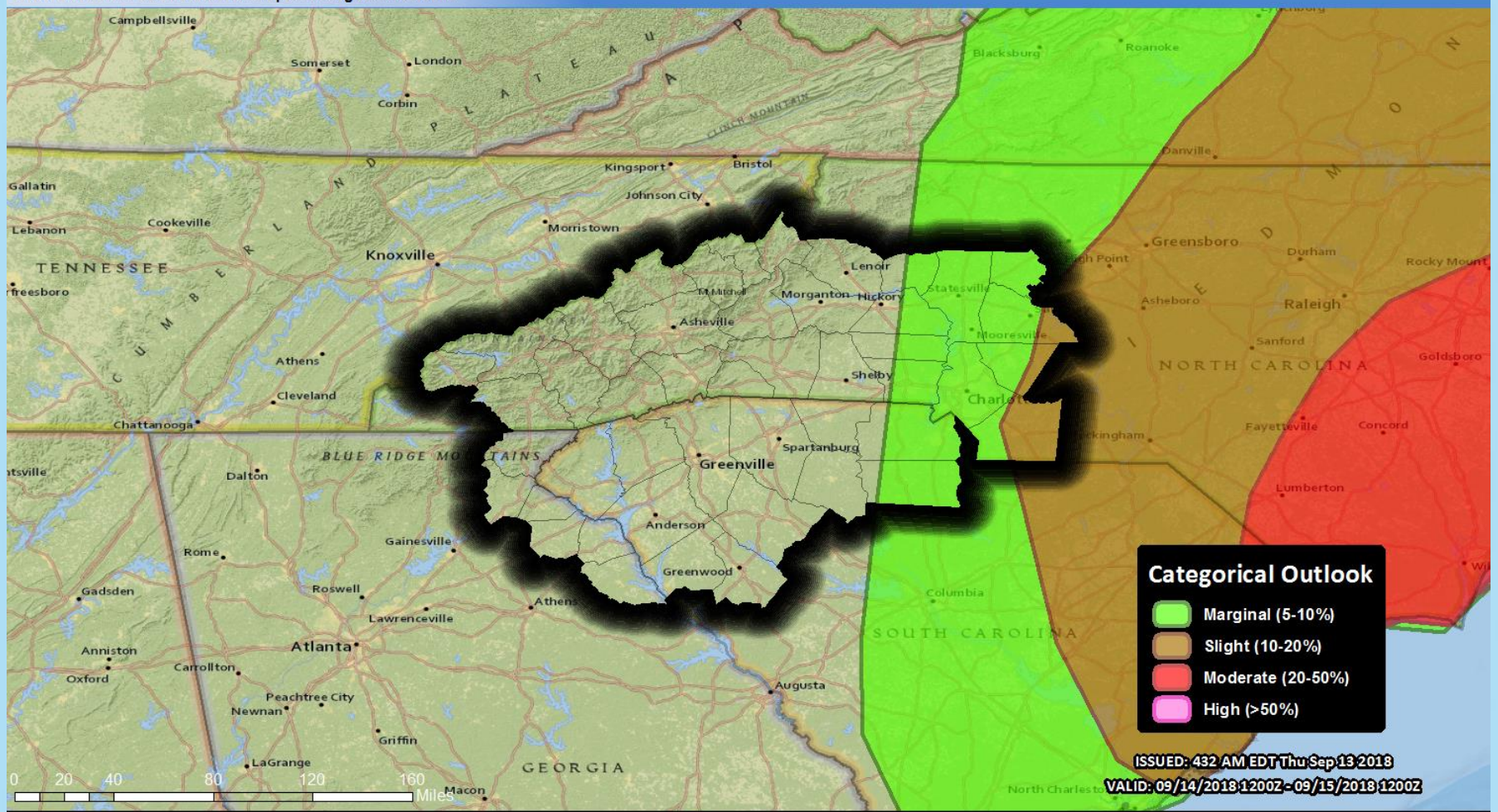
Rainfall Expected with Florence through Monday





Weather Prediction Center Day 2 Excessive Rainfall Western Carolinas and Northeast Georgia

National Weather Service Greenville-Spartanburg South Carolina

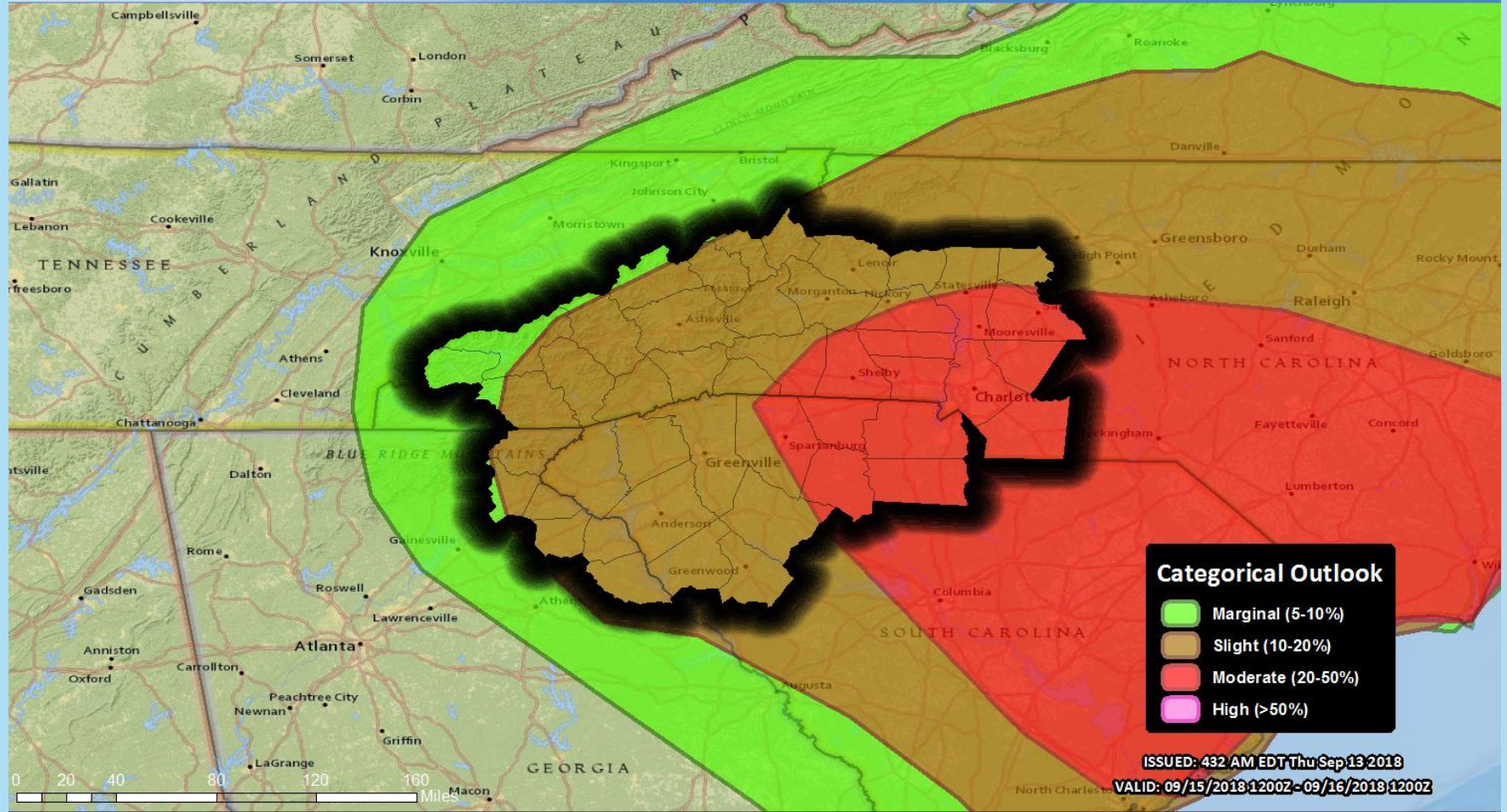


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Weather Prediction Center Day 3 Excessive Rainfall Western Carolinas and Northeast Georgia

National Weather Service Greenville-Spartanburg South Carolina



Categorical Outlook

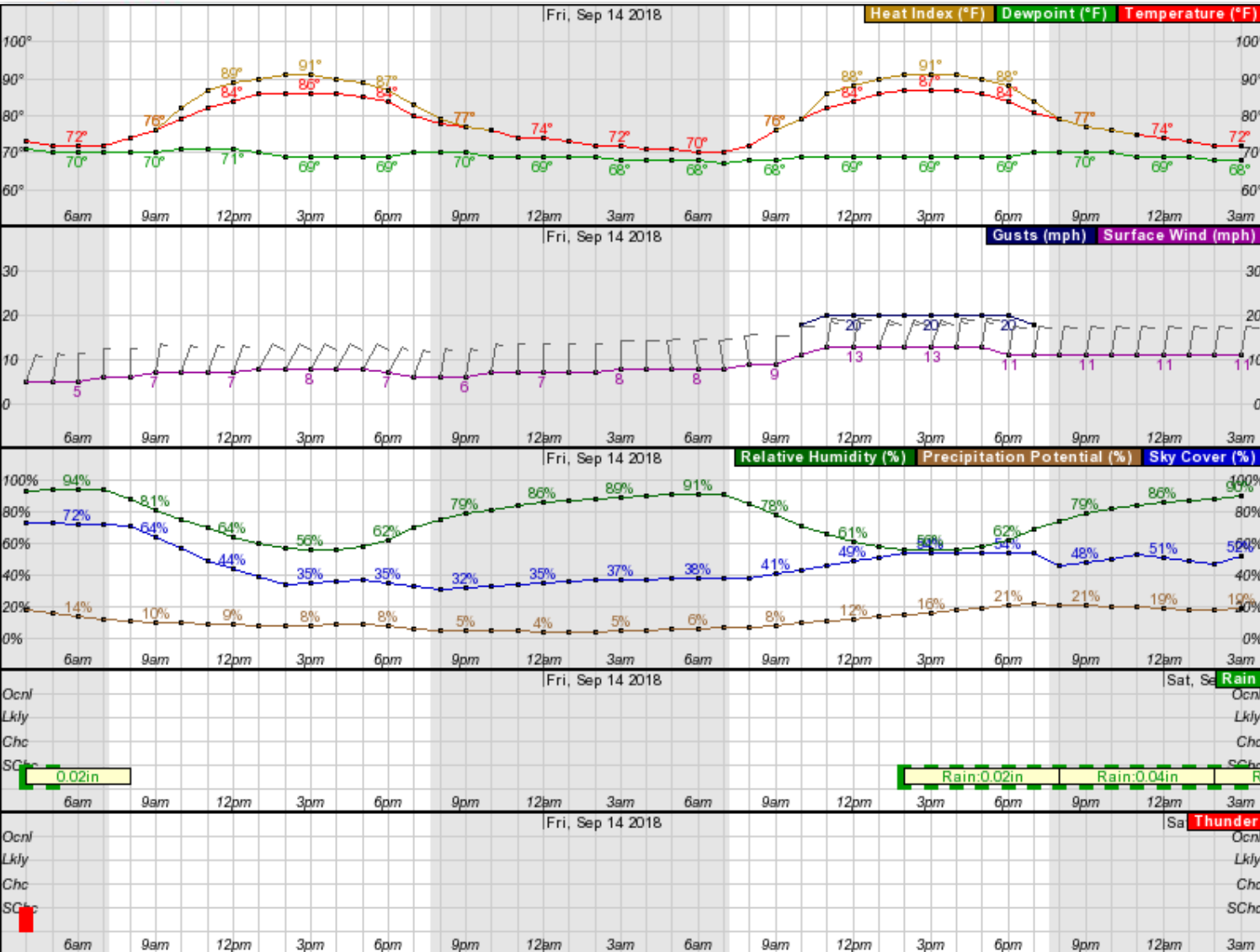
- Marginal (5-10%)
- Slight (10-20%)
- Moderate (20-50%)
- High (>50%)

ISSUED: 432 AM EDT Thu Sep 13 2018
VALID: 09/15/2018:1200Z - 09/16/2018:1200Z

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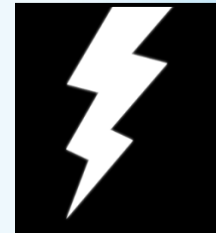
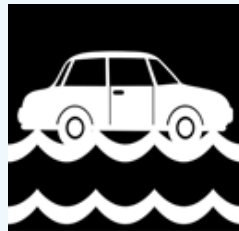


Values at Max Heat:
 T (°F): 86
 Td (°F): 69
 Wind (mph): 8
 Cloud Cover(%): 40

<https://forecast.weather.gov/MapClick.php?lat=35.2818&lon=-82.0682&unit=0&lg=english&FcstType=graphical>
<https://www.weather.gov/tsa/wbgt>

Tropical Cyclone Florence Forecast Summary

- ✓ Florence remains a large and strong hurricane as it approaches the coastal Carolinas. Impacts in North Carolina and South Carolina late this week through early next week are becoming increasingly likely. The new track keeps the main wind threat to the east of the WEG Site, but the potential for flooding rainfall this weekend through early next week continues to increase. Landslides in higher terrain also look increasingly likely due to prolonged heavy rain and potentially high rainfall rates in tropical rain bands.
- ✓ This track forecast is still subject to change, though confidence in impacts at the WEG site, especially flooding rainfall, is improving. The threat of tornadoes has also increased based on the new track, though it remains very low confidence.



Regional NWS Office Contacts

[NWS Greenville-Spartanburg, SC](#)



[NWS Morristown, TN](#)



[NWS Atlanta, GA](#)



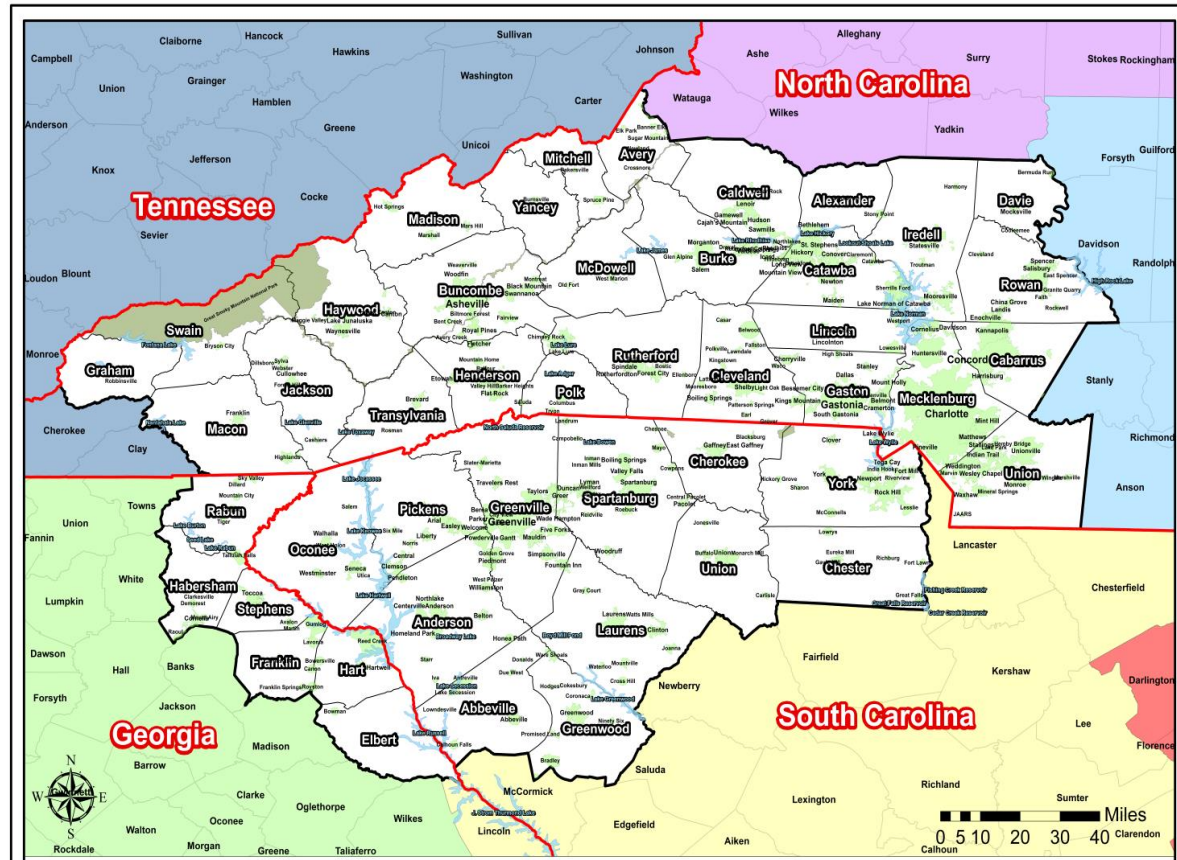
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[NWS Raleigh, NC](#)



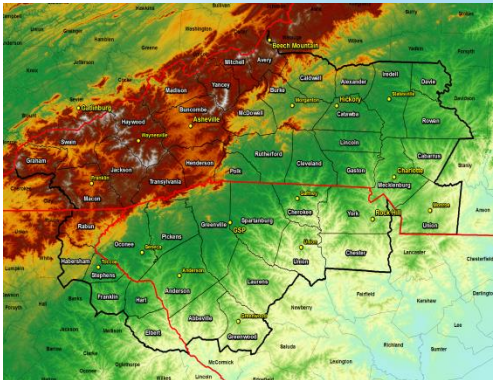
[NWS Blacksburg, VA](#)



Contact and Next Briefing Information



Next Briefing
When: By 4 pm on Thursday, September 13, 2018
Method: Briefing slides



Briefing Webpage:
www.weather.gov/gsp/brief



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Disclaimer: *The information contained within this briefing is time-sensitive. Please follow the latest NHC track forecasts for the latest information on Florence.*