

# Wednesday February 24, 2016

## Severe Weather Threat

Threat Assessment for northeast South Carolina  
and southeast North Carolina



Prepared at: 150 PM Feb 24, 2016

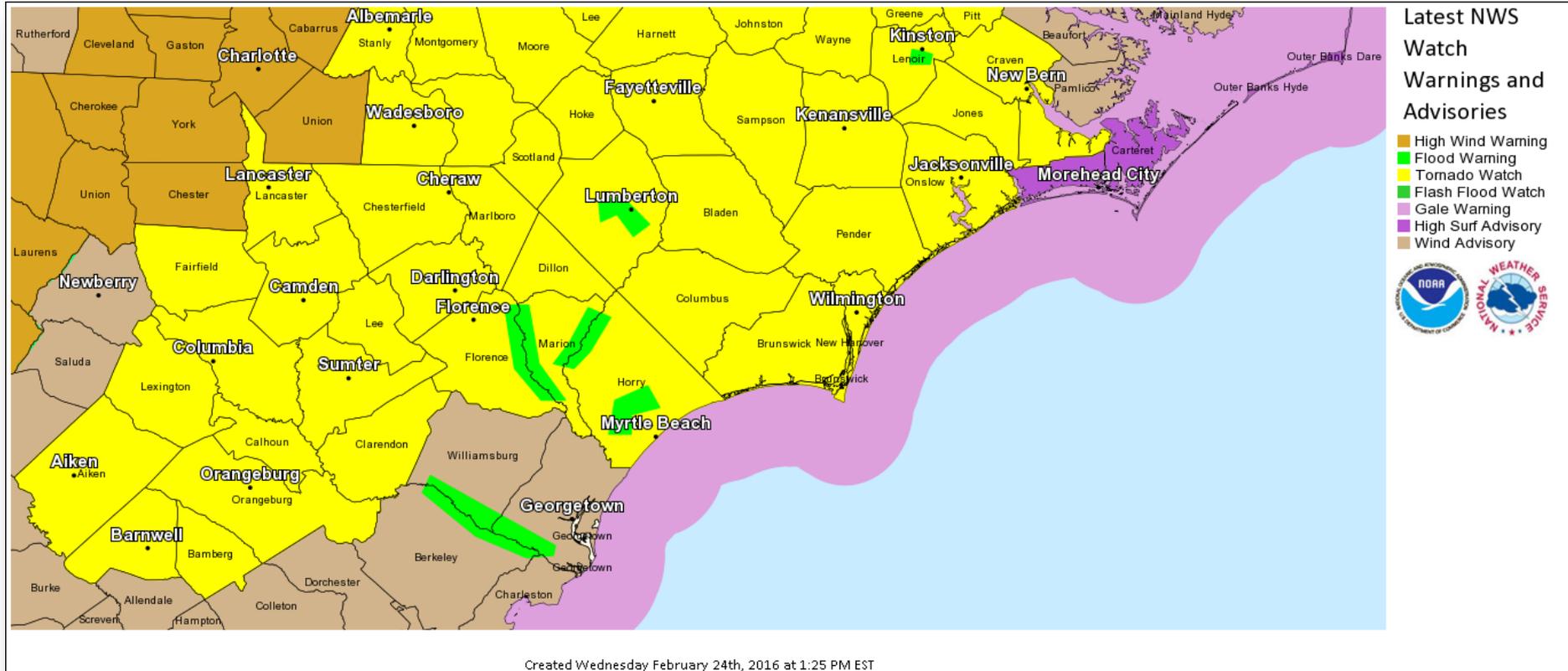
**Steven Pfaff**

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NWS Wilmington, NC



# Current Watch Information

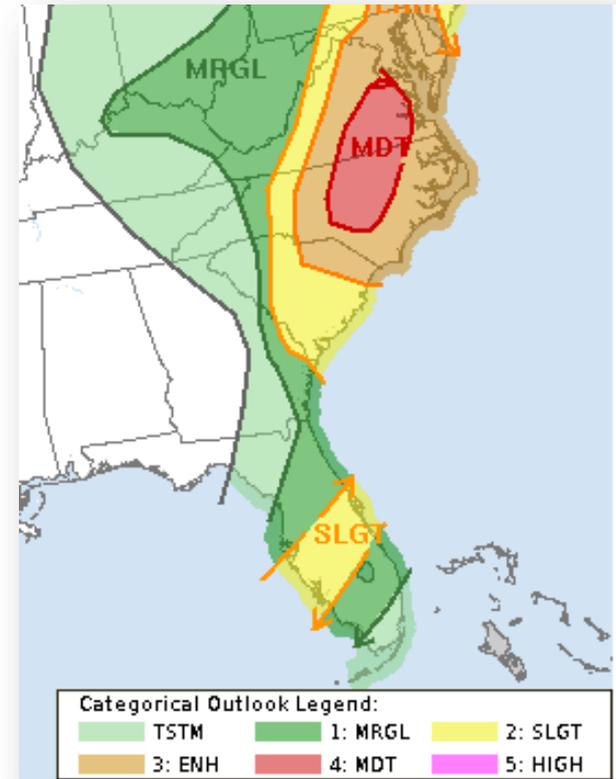


- Tornado Watch #26 is in effect until 7 PM EST for portions of the Carolinas.
- Gale Warning remains in effect for the adjacent Coastal Waters, and Offshore Waters (not shown)
- Wind Advisory remains in effect for all of northeast SC and southeast NC until 8 PM EST (Note: the Tornado Watch image supersedes the Wind Advisory image on this map)



# Threat/Impacts Overview

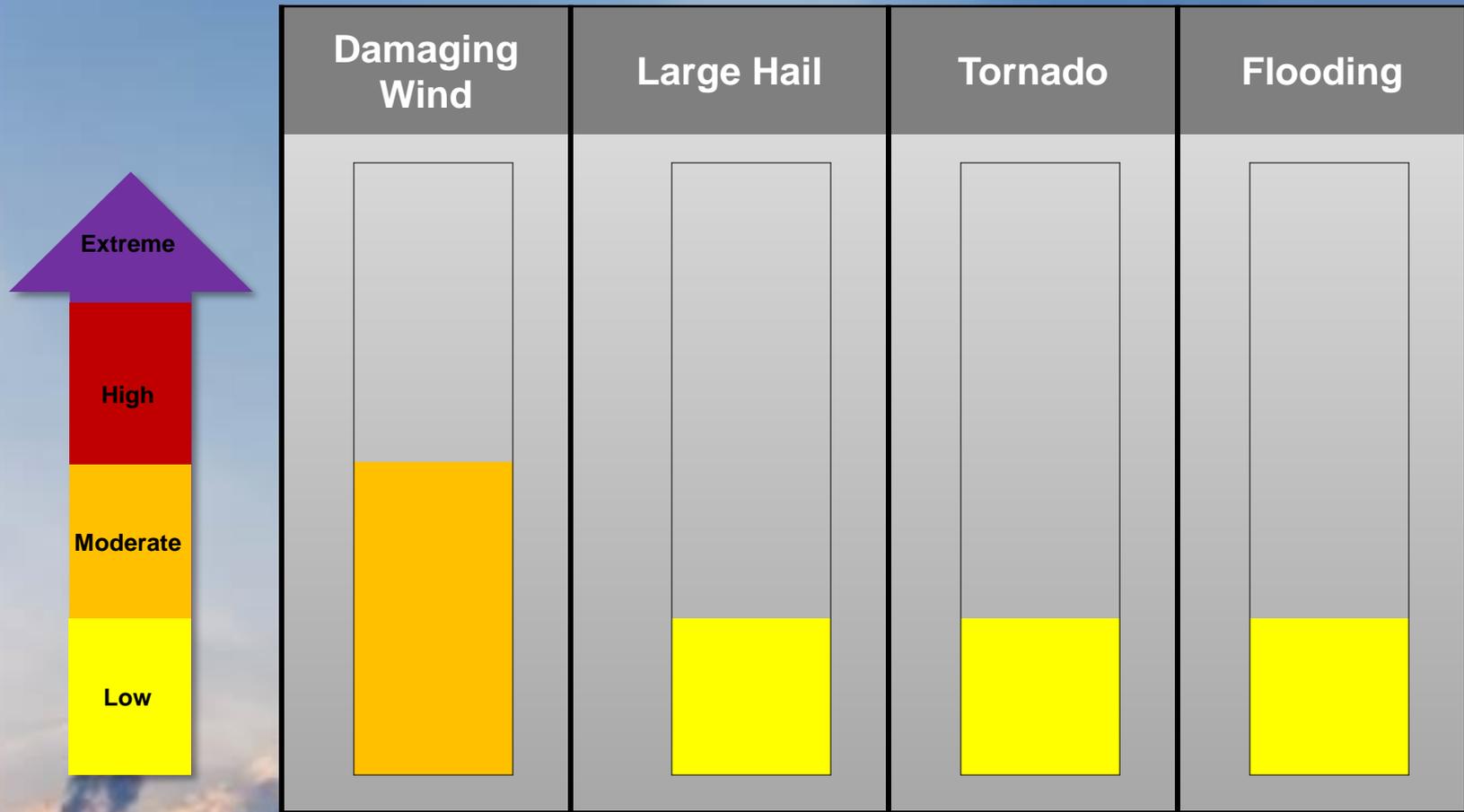
- **Severe Weather Potential:** A risk continues for damaging winds, isolated tornadoes, and large hail through the afternoon. A higher risk for tornadoes exists just north of the area into eastern NC.
- **Timing:** The threat of severe weather from the first round of storms is lifting across eastern NC early this afternoon. Another band of strong to severe thunderstorms will approach from the west. This area of storms is expected to move into the Florence and Lumberton areas from 2-5 pm, coastal northeast SC from 4 to 7 pm, and southeast NC coast 5 to 8 pm.
- **Threats:** Overall we have adjusted the severe thunderstorm parameters matrix on the following slide. The primary threat remains damaging wind gusts in excess of 60 mph. The tornado risk does continue, but thinking the risk has lowered some this part of the Carolinas.
- **Confidence:** Confidence of severe weather occurring is at a moderate level for inland areas, but is a little lower along the coastal locations.
- **Non-thunderstorm winds:** Confidence continues to be high for the continuation of very strong non-thunderstorm winds associated with the intense area of low pressure moving into Ohio. Wind gusts of 40 to 50 mph will continue possibly resulting in downed trees and power outages.



 SPC DAY 1 CATEGORICAL OUTLOOK  
ISSUED: 1635Z 02/24/2016  
VALID: 24/1630Z-25/1200Z  
FORECASTER: GRAMS/COOK  
NOAA/NWS Storm Prediction Center, Norman, Oklahoma

# Potential Thunderstorm Impact Levels

Greatest Impacts anywhere in northeast South Carolina or southeast North Carolina

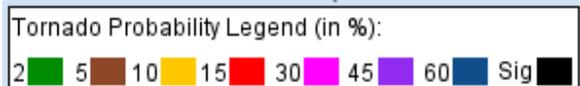
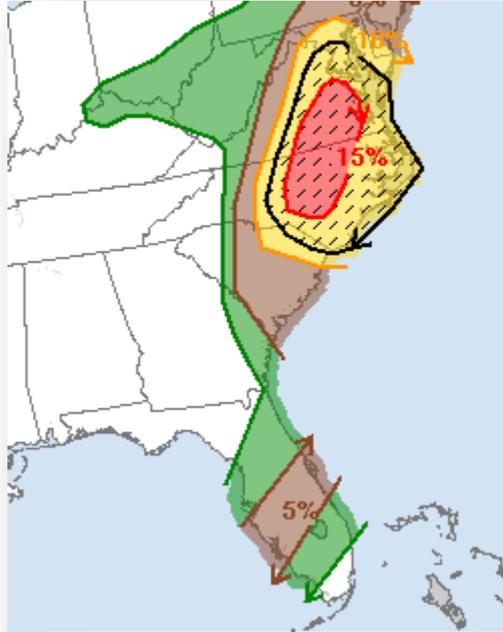


\*More details about timing, confidence, and considerations on the following slide.

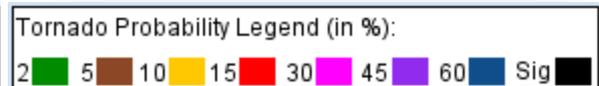
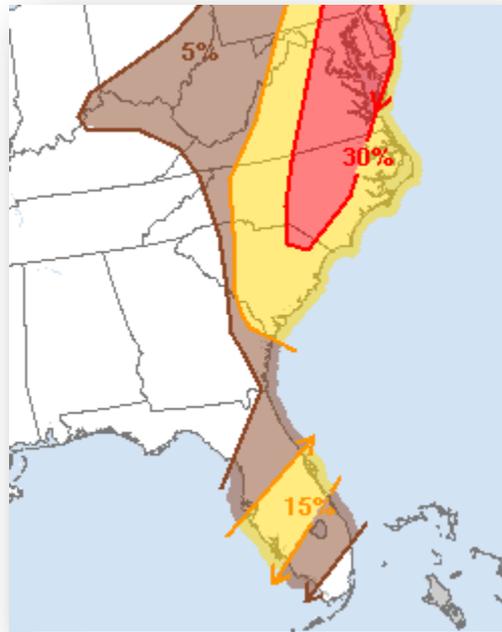


# Outlook Parameters

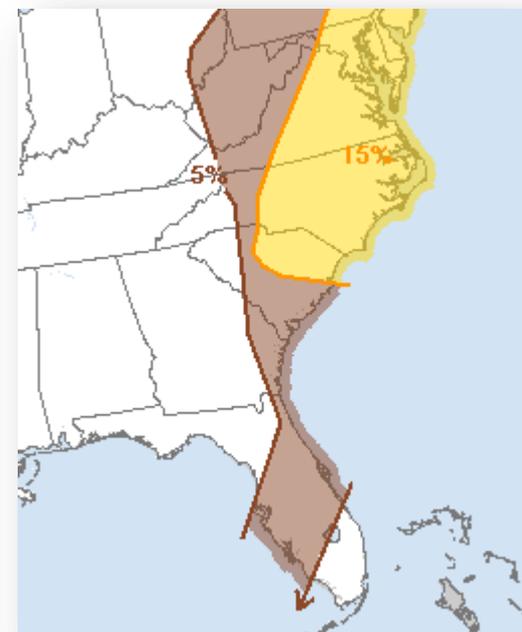
## Tornado



## Wind



## Hail



- Changes: Higher risk for tornadoes has shifted slightly farther north. Highest wind probabilities now a bit farther north and lowered near the coast.



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Next briefing: Any additional updates will be sent as conditions warrant.

Briefing Available At:  
<http://www.weather.gov/media/ilm/LatestBriefing.pdf>