



Severe Weather Briefing

Wednesday, February 24, 2016

Created at 4:30 AM EDT
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Wilmington, NC

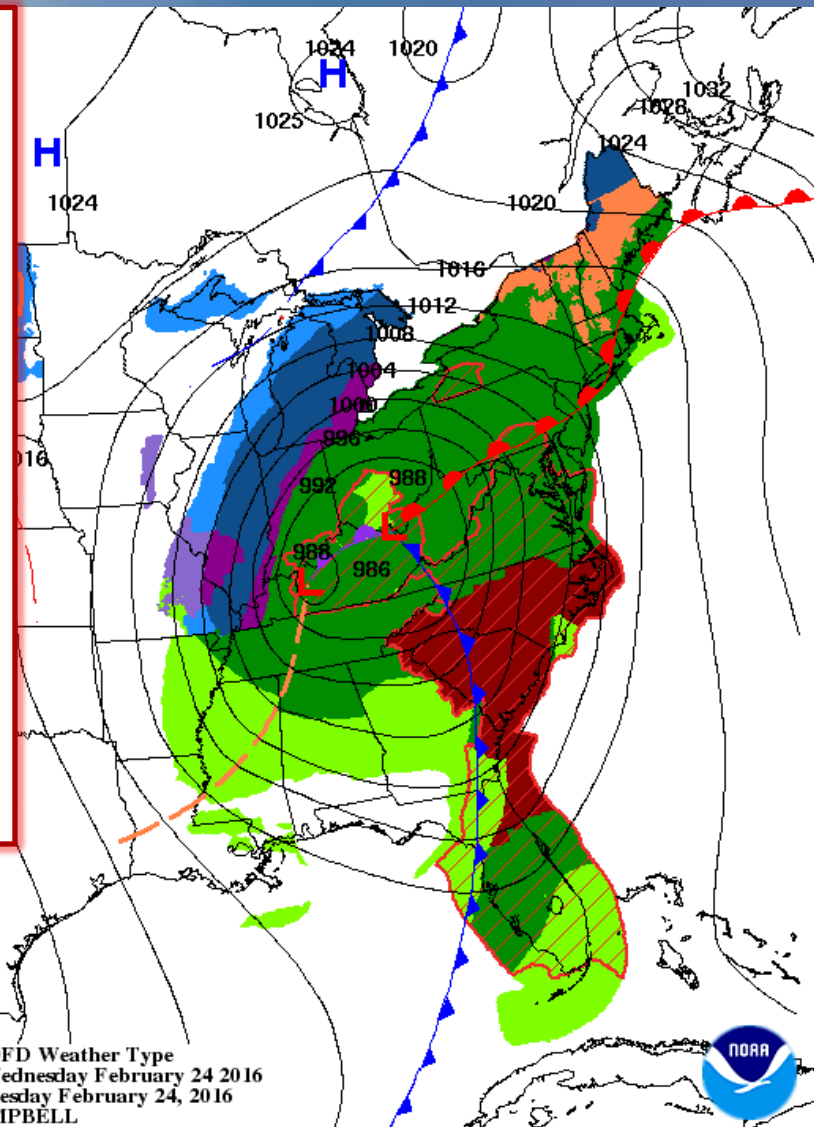
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This Afternoon

Powerful storm moving through the Ohio Valley this afternoon will drag a strong cold front across the area tonight.

Winds from the south will be very strong today with potential for gusts of 50 mph.

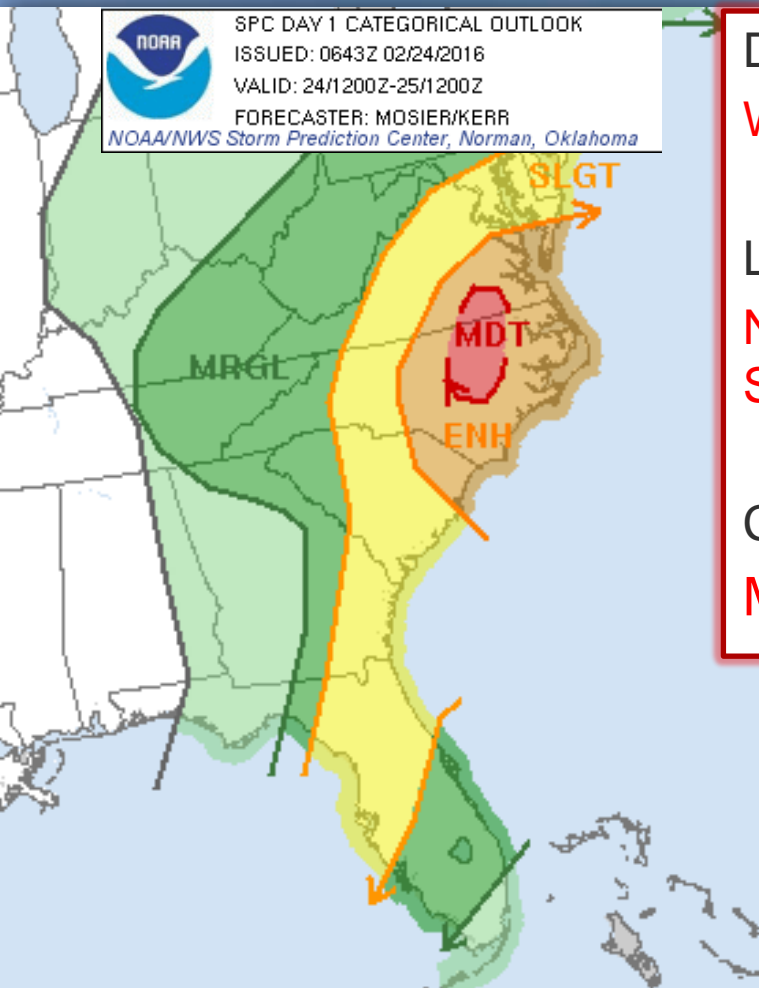
Severe weather will be possible today within storms developing ahead of the front.



NDFD Rain (Chance)
NDFD Rain (Likely)
NDFD Snow (Chance)
NDFD Snow (Likely)
NDFD Mix (Chance)
NDFD Mix (Likely)
NDFD Ice (Chance)
NDFD Ice (Likely)
NDFD T-Storm (Chance) (Hatched)
NDFD T-Storm (Likely and/or Severe)

Severe Weather Outlook: Today

NOAA
SPC DAY 1 CATEGORICAL OUTLOOK
ISSUED: 0643Z 02/24/2016
VALID: 24/1200Z-25/1200Z
FORECASTER: MOSIER/KERR
NOAA/NWS Storm Prediction Center, Norman, Oklahoma



Dominant Hazard(s):

Wind gusts to 70 mph and isolated tornados

Location and Timing:

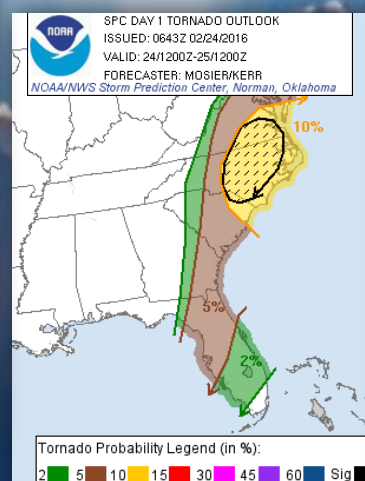
NE South Carolina in the late morning transitioning to SE North Carolina in early to mid-afternoon.

Confidence:

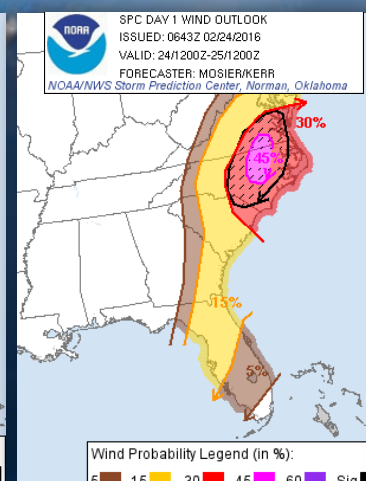
Moderate

Categorical Outlook Legend:

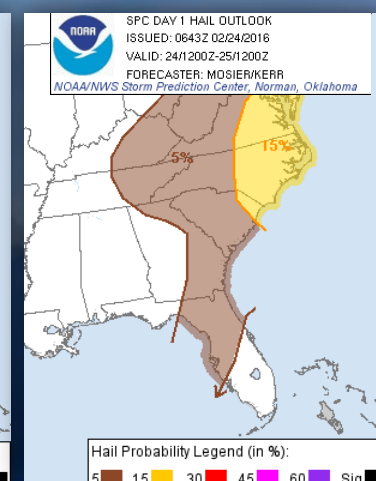
TSTM 1: MRGL 2: SLGT
3: ENH 4: MDT 5: HIGH



Tornado Probability



Damaging Wind Probability

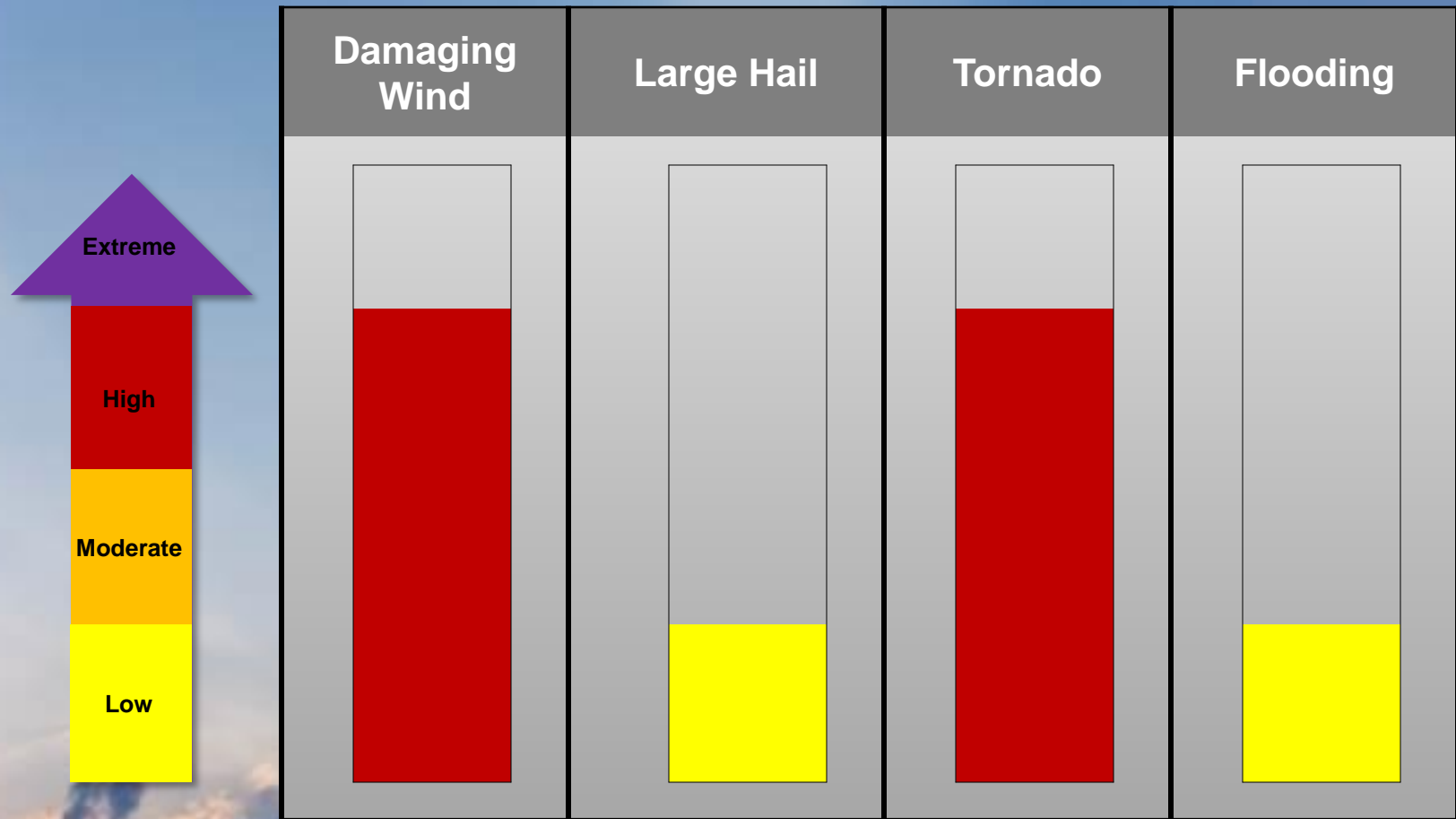


Hail Probability

Today's Severe Weather Outlook

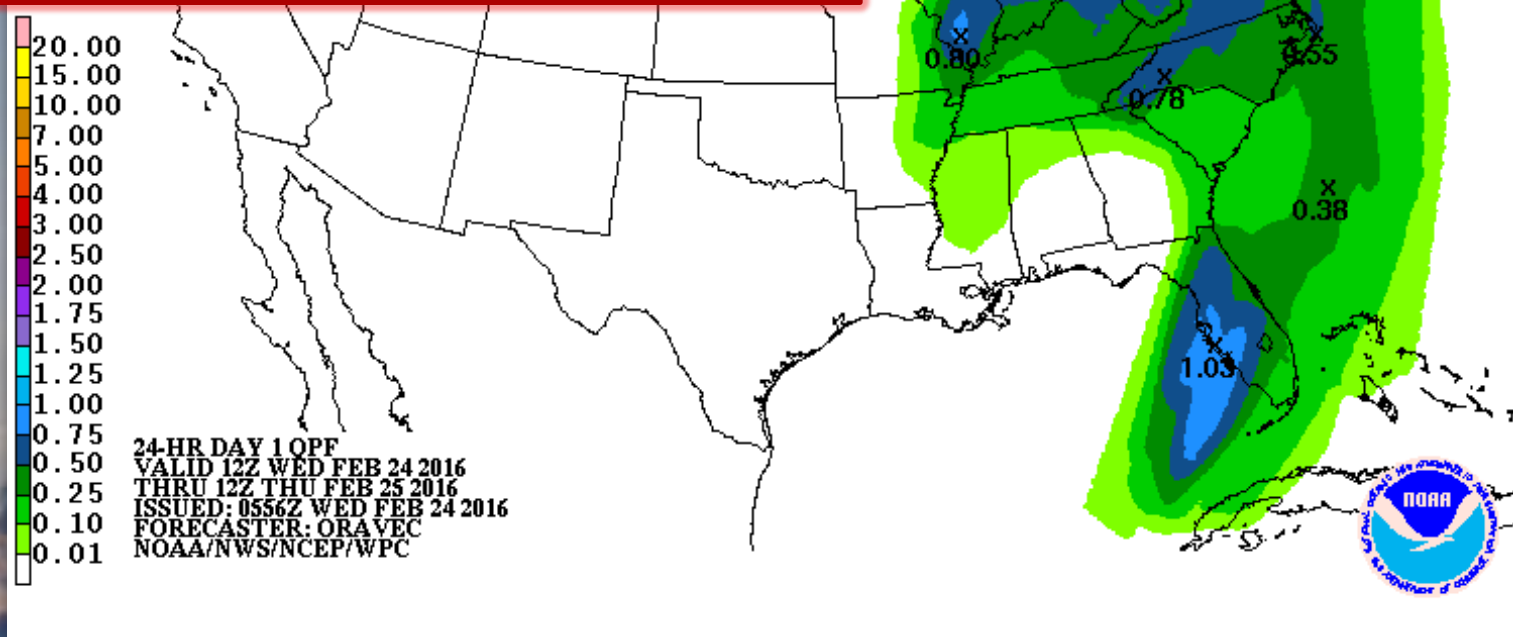
Potential Impact Levels

Greatest Impacts anywhere in northeast South Carolina or southeast North Carolina



Forecast Rainfall Through Next 24 Hours

- Fast moving storms and limited moisture will keep storm total rainfall low.
- Most areas will receive less than a half an inch of rain.
- Still some potential for brief isolated flooding in areas affected by multiple storms



Be Prepared

- A wind advisory remains in effect. Wind gusts of 40 to 50 mph can topple trees, causing power outages.
- Driving may be difficult, especially in high profile vehicles
- Timing of the worst weather continues to be coincident with school and business hours.
- Have a plan in case warnings are issued for your location

Marine Highlights

- Gale warning remains in effect
- Winds 25 to 35 kt with potential for gusts to 45 kt
- Steep waves up to 12 ft are expected
- Inlet entrances will be especially treacherous

Aviation Highlights

- Strong low level winds may create periods of low level wind shear
- IFR CIGS possible in and near showers and thunderstorms
- CIG conditions will improve this evening



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