

January 21-22 Potential Ice Storm






Decision Support Briefing #2
As of: 10 AM January 19th, 2022



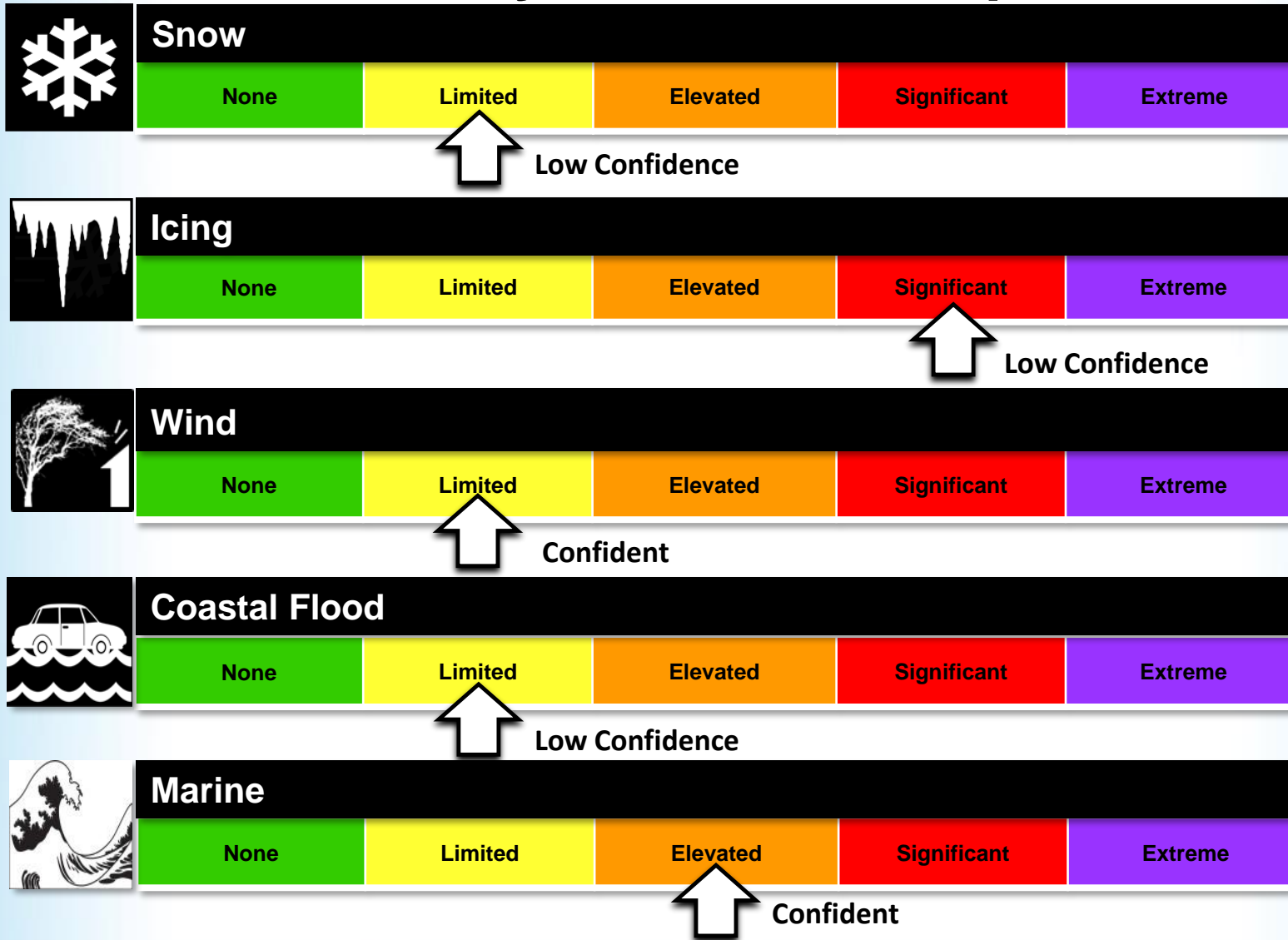
What has Changed?

- ✓ A **Winter Storm Watch** is now in effect
- ✓ Updated potential ice accumulations

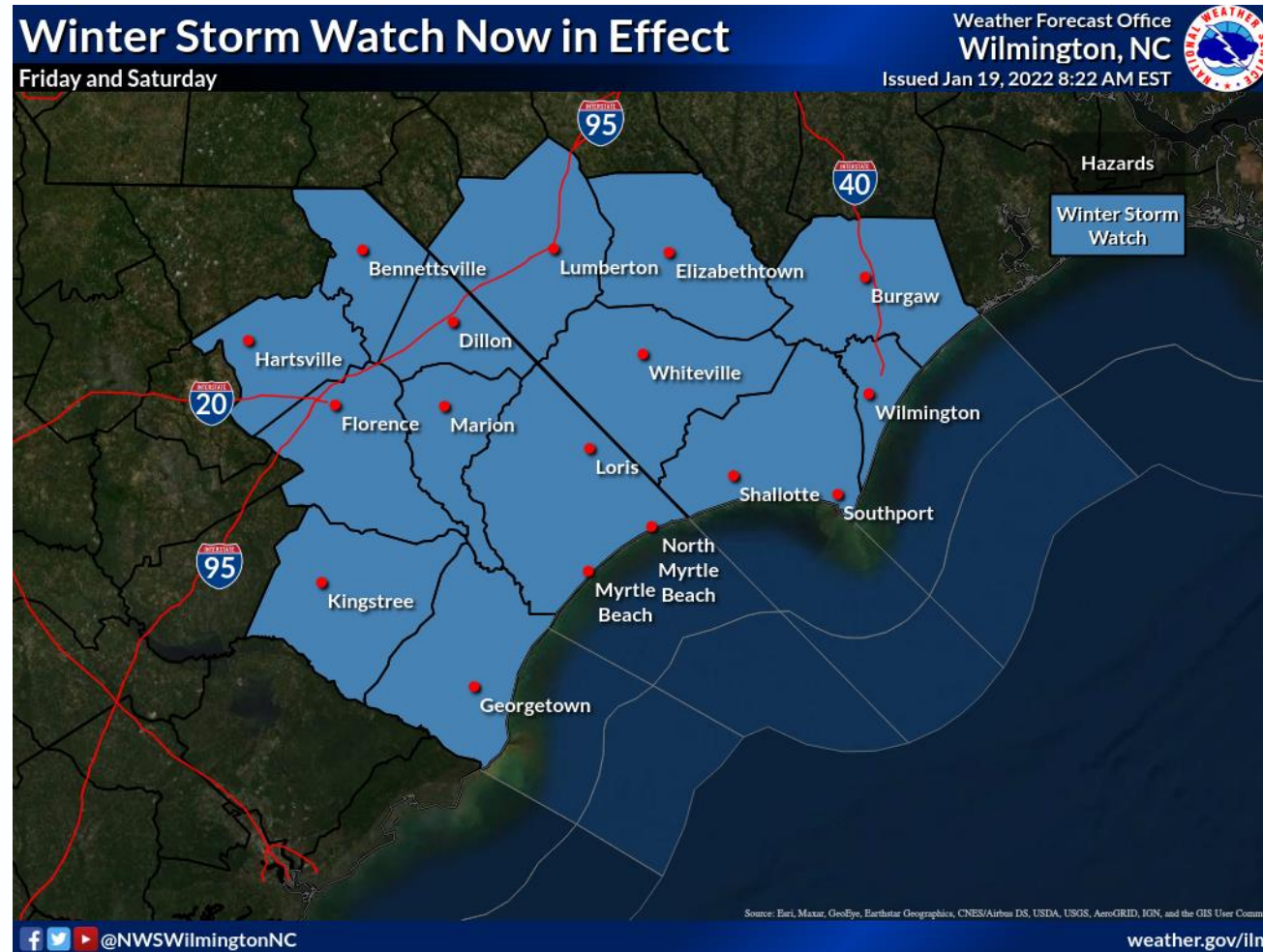
Main Points

Hazard	Impacts	Location	Timing
Snow 	Limited impacts expected. Precipitation may begin or end as a brief period of light snow.	Along and west of I-95	Friday morning during onset or Saturday afternoon or evening as precip is ending.
Icing 	Significant impacts are possible. Heavy ice accumulation could cause downed trees and power outages.	All of northeast SC and southeast NC. Best chance of accumulation in southeast NC east of I-95.	Friday through Saturday.
Wind 	Winds up to 15-20 mph could gust up to 25 mph. This could add stress to ice-covered trees and power lines.	All of northeast SC and southeast NC.	Friday morning through Saturday evening
Coastal Flood 	Minor coastal flooding is possible.	Downtown Wilmington has the best chance of seeing minor flooding.	Friday & Saturday morning high tides
Marine 	Winds between 20-30 knots could gust up to 35 knots. Gale conditions are possible.	Southeast NC and northeast SC nearshore waters out to 20 nm.	Thursday night through Saturday evening

Summary of Greatest Impacts

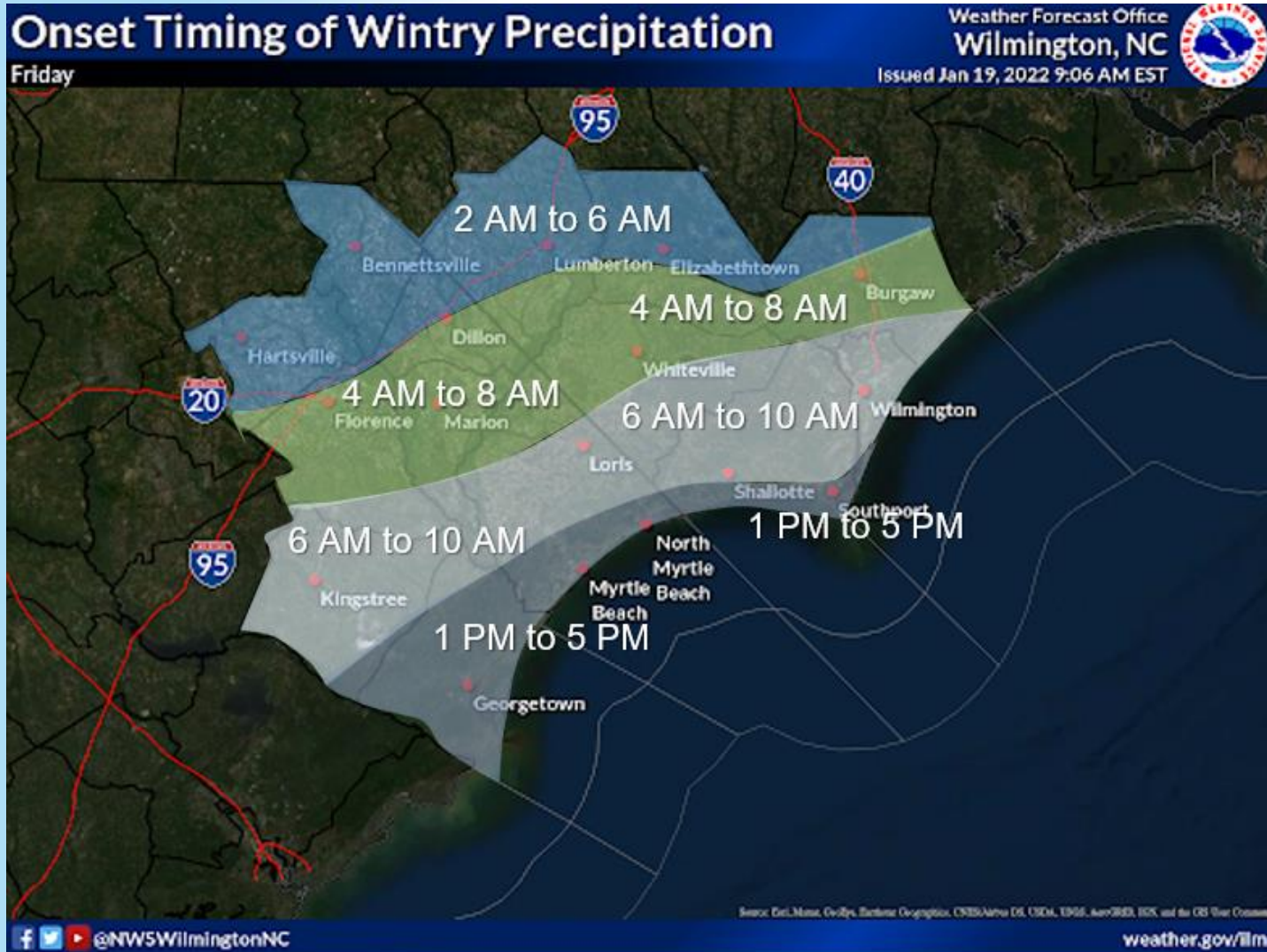


Watches/Warnings in Effect



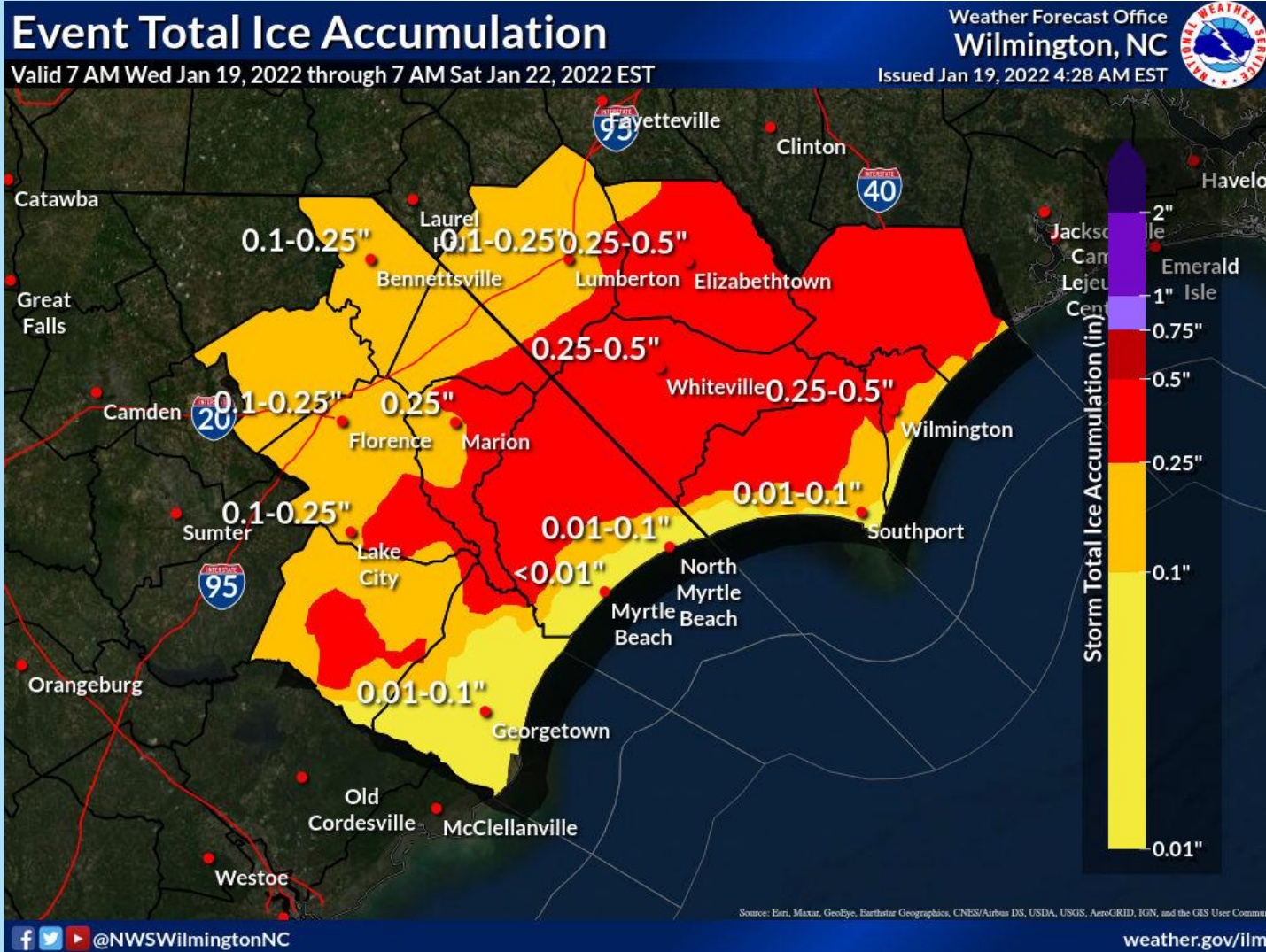
- ✓ A **Winter Storm Watch** has been issued for all of northeast SC and southeast NC beginning on Friday morning, through Saturday.

Onset of Wintry Precipitation



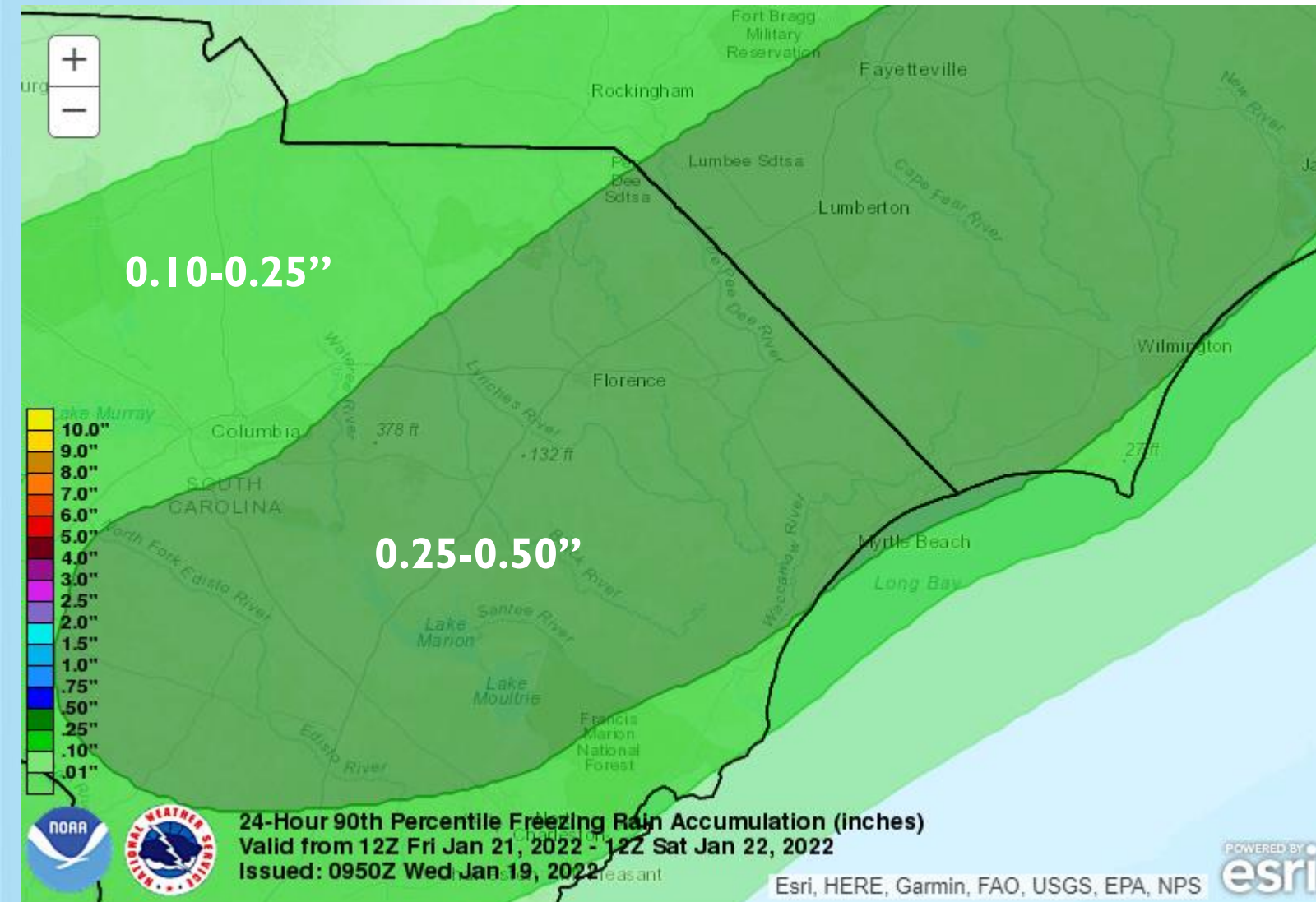
- Wintry weather is projected to begin Friday morning for most areas
- The transition from rain to freezing rain will take longer near the coast generally from New Hanover County southward into Georgetown County.
- The precipitation is expected to come to an end during the day on Saturday

Potential Storm Total Ice Accumulation



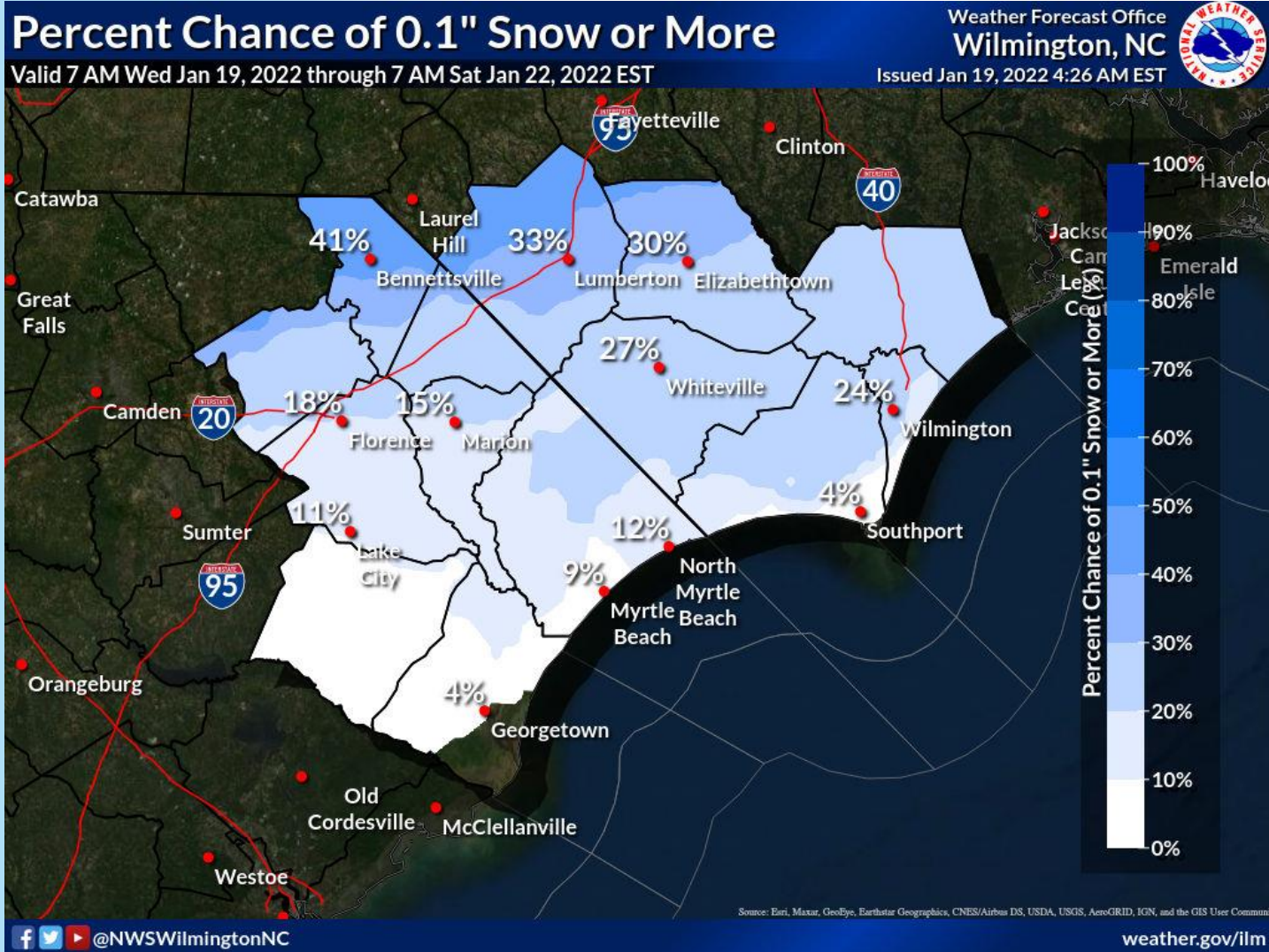
- Significant ice accumulations possible across portions of southeast NC and northeast SC.
- This amount of ice is likely to cause downed trees, power outages, and hazardous travel conditions.
- Remember that even a quarter inch of ice can add a tremendous amount of weight to trees and powerlines.

A Reasonable Worst Case Scenario (1 in 10 chance)



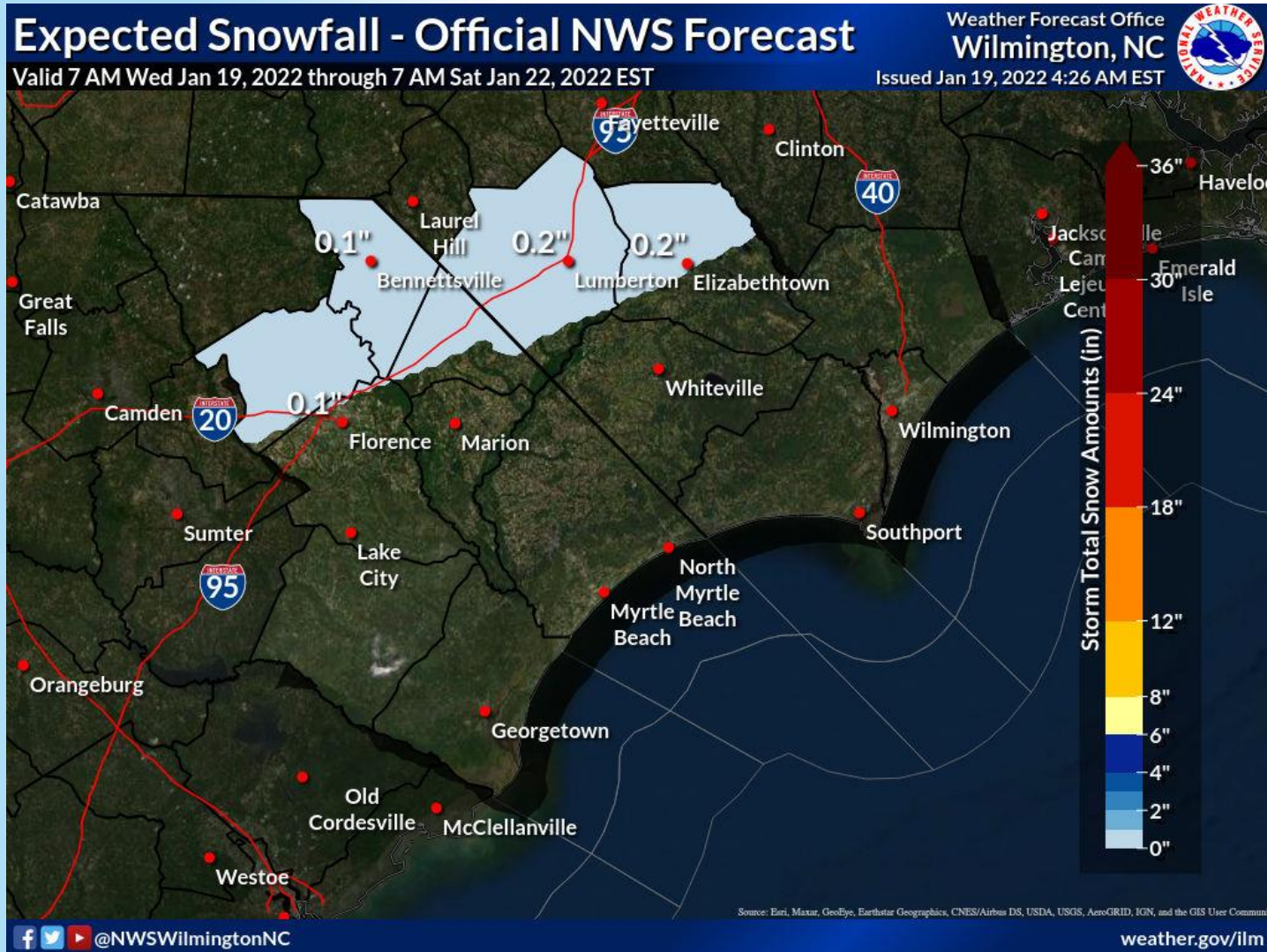
- Given some forecast uncertainty there is a **1 in 10 chance** these amounts of ice accumulation will occur
- There is Low potential for ice accumulation amounts to exceed 0.5 inches.
- Highest totals are likely to occur east of I-95.

Chances for Snow



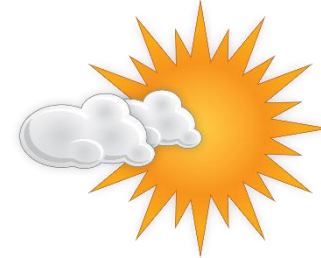
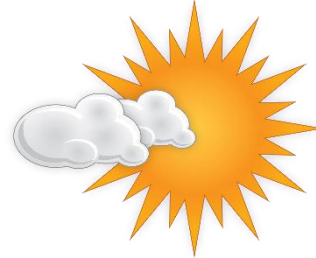
- Little to no snow accumulation is expected Friday morning through Saturday evening.
- Best chance of seeing snow is along and west of I-95 and southeast NC.
- Little to no impacts are expected due to snowfall.

Mostly Likely Snow



- Little to no snow accumulation is expected.
- No impacts are expected at this time.

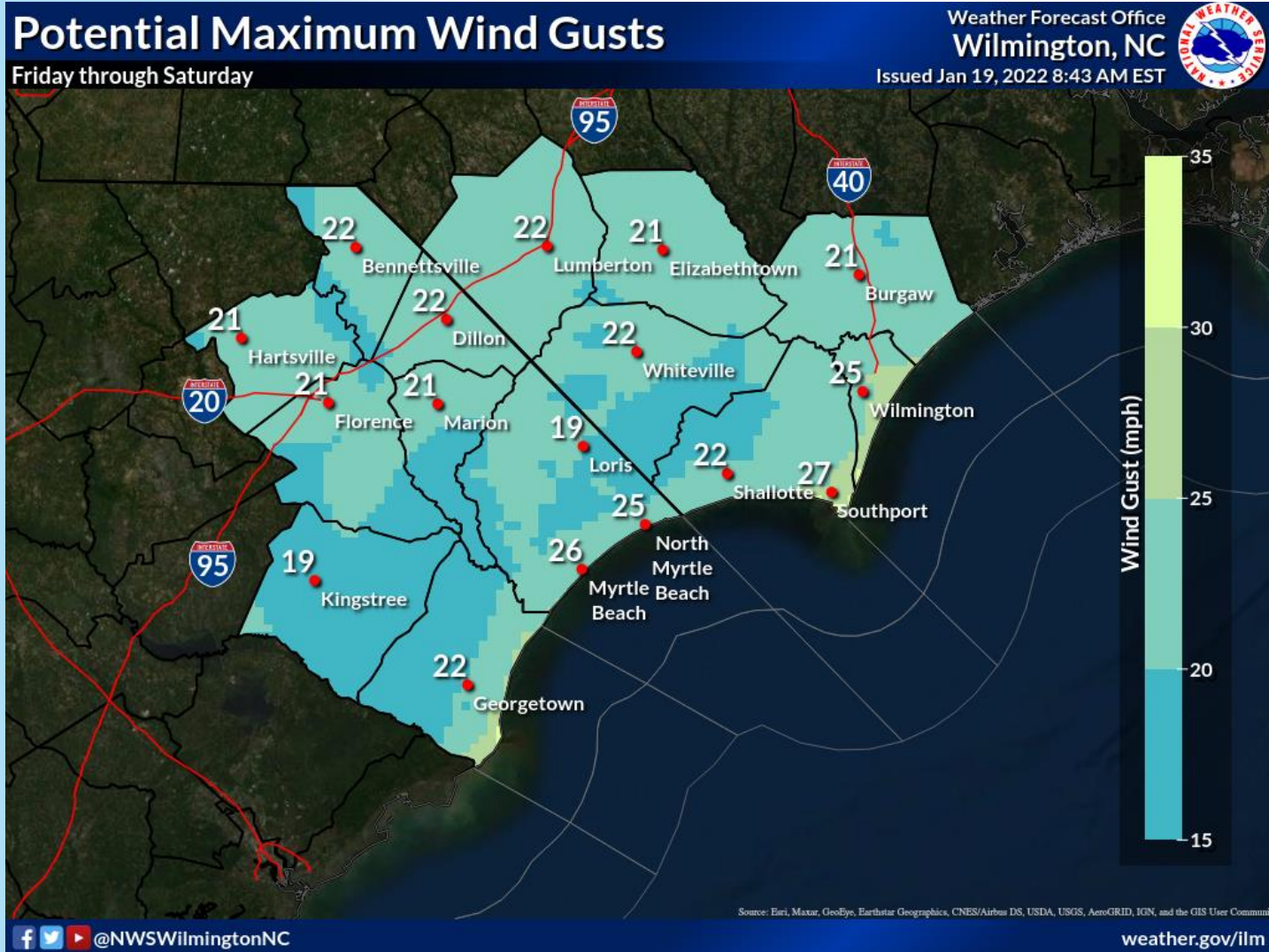
Cold Temperatures Likely to Follow the Storm



	Saturday	Sunday	Monday	
High Temp	Mid 30s	Mid 40s	Upper 40s	
Morning Low		Low to Mid 20s	Mid 20s	Upper 20s

- Temperatures behind the system could become dangerous for those without power
- Any accumulated precip will likely re-freeze Saturday night and melt slowly during the following days.
- Temperatures will be coldest away from the coast, along the I-95 corridor.

Potential Max Wind Gusts



- Wind gusts up to 25 or 30 mph are possible. Highest along the immediate coast.
- Timing: Likely to occur Friday night into Saturday morning
- **These wind gusts could add stress to ice-covered trees and power lines.**



Key Points

- ✓ Confidence remains low at this time regarding potential ice accumulation and potential impacts.
- ✓ Wintry precip is expected to begin Friday morning and continue through much of the day on Saturday.
- ✓ The main threat at this time is the potential for dangerous ice accumulations which could cause downed trees/limbs, power outages, and hazardous travel.
- ✓ Arctic air behind the front could lead to prolonged impacts, especially for those without power.

Contact and Next Briefing Information



Next Briefing

When: By 5 PM Wed. Jan 19th, 2022

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<http://weather.gov/ilm/briefing>



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