

Winter Storm: Late Today- Tomorrow Morning

Decision Support Briefing # 4
As of: 7 AM Thurs, February 20th





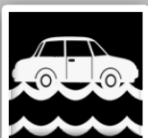


What Has Changed?

- ✓ Winter Storm Warnings Issued
- ✓ Snow Totals Increased
- ✓ Changeover to snow slightly earlier
- ✓ Coastal Flood Advisory, Wind Advisory, and Gale Warning Issued

Briefing applies to the
Morehead City/Newport,
NC
Area Only



Main Points

Hazard	Impacts	Location	Timing
Snow 	Reduced visibilities. Sticky, heavy snow, with whiteout conditions possible closer to the coast.	Most of Eastern North Carolina.	This evening through tomorrow morning. Heaviest overnight.
Hazardous Travel 	Icy or snow covered roads impacting travel, and Friday morning commute.	Most of Eastern North Carolina.	This evening through tomorrow morning.
Coastal Flooding 	Elevated water and minor (1 to 2 feet above dry ground) inundation low lying areas near the southern end of the Pamlico Sound and along the lower Neuse River.	Downeast Carteret County, and areas along the lower Neuse River. Portions of Ocracoke and Hatteras Islands.	Tomorrow morning through evening
Marine 	Rough seas and Gale force winds, with stronger wind gusts.	All coastal waters, and most sounds/inland rivers	This afternoon through tomorrow afternoon.
Wind 	Minor. A few scattered power outages or small limbs down.	Outer Banks, and snow covered coastal locations	This afternoon through tomorrow.

Summary of Greatest Impacts



Snow: Eastern North Carolina

None

Limited

Elevated

Significant

Extreme



Hazardous Travel: Eastern North Carolina

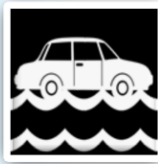
None

Limited

Elevated

Significant

Extreme



Coastal Flooding: Southern Pamlico Sound/Lower Neuse

None

Limited

Elevated

Significant

Extreme



Marine: Strong Winds, Rough Seas

None

Limited

Elevated

Significant

Extreme



Wind: Outer Banks, Snowy areas near coast

None

Limited

Elevated

Significant

Extreme

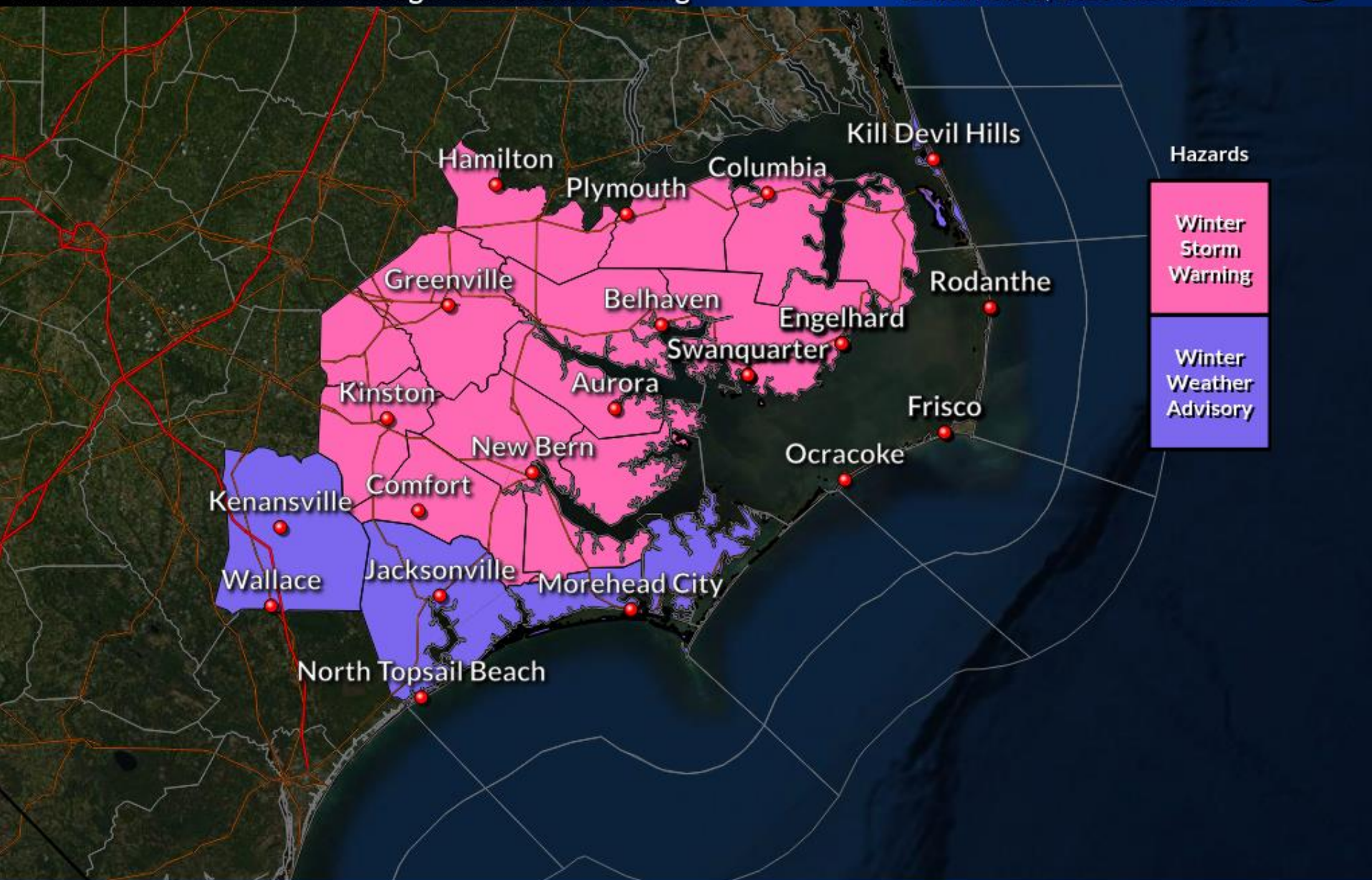


Winter Weather

Valid Late This Afternoon Through Tomorrow Morning

Weather Forecast Office
Newport/Morehead City, NC

Issued Feb 20, 2020 6:03 AM EST



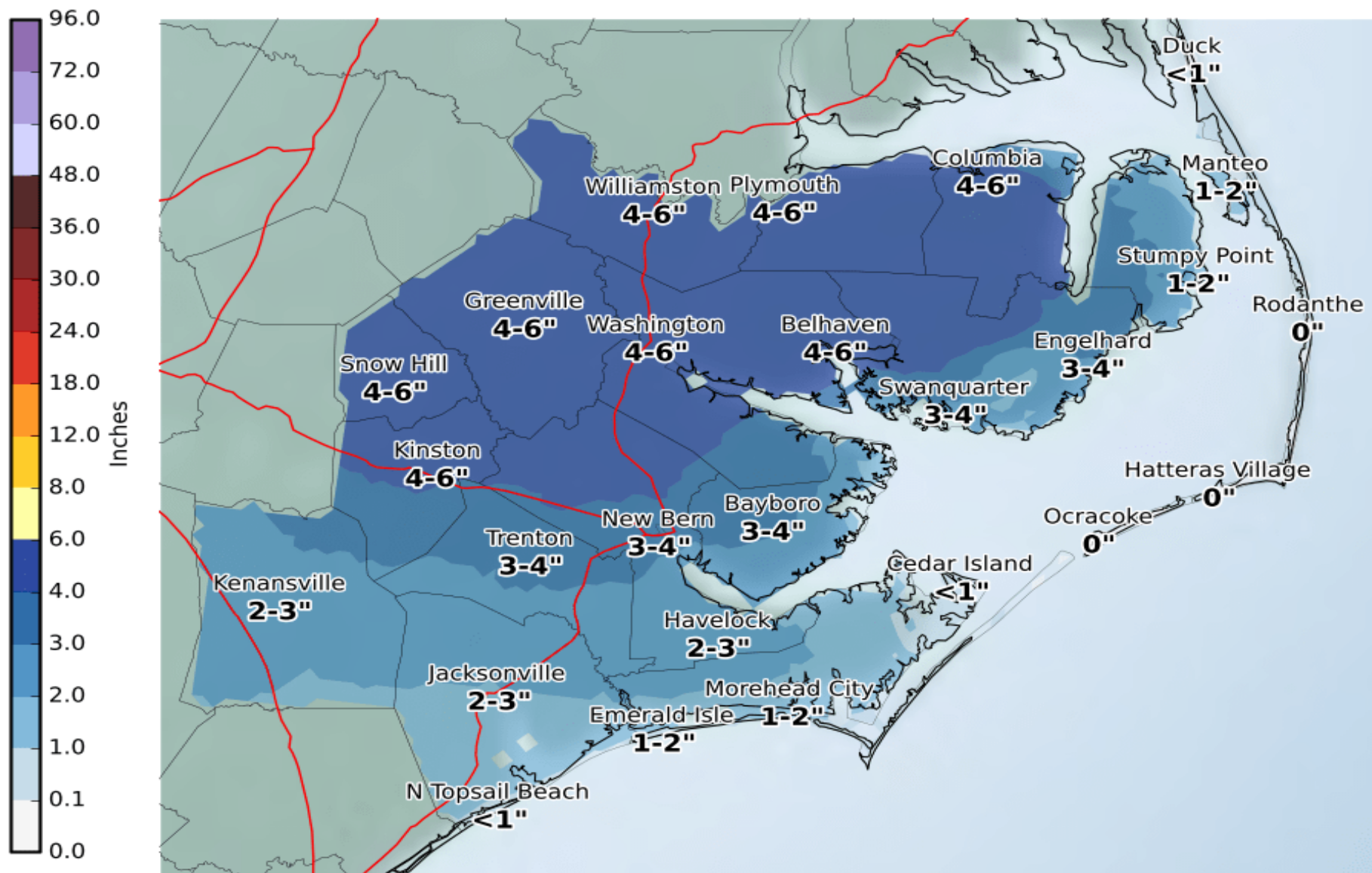
Hazards

Winter
Storm
Warning

Winter
Weather
Advisory

Expected Snowfall - Official NWS Forecast

Valid: 02/20/2020 01:00 PM - 02/21/2020 01:00 PM



National Weather Service
Newport/Morehead City North Carolina
02/20/2020 04:39 AM EST

Follow Us:



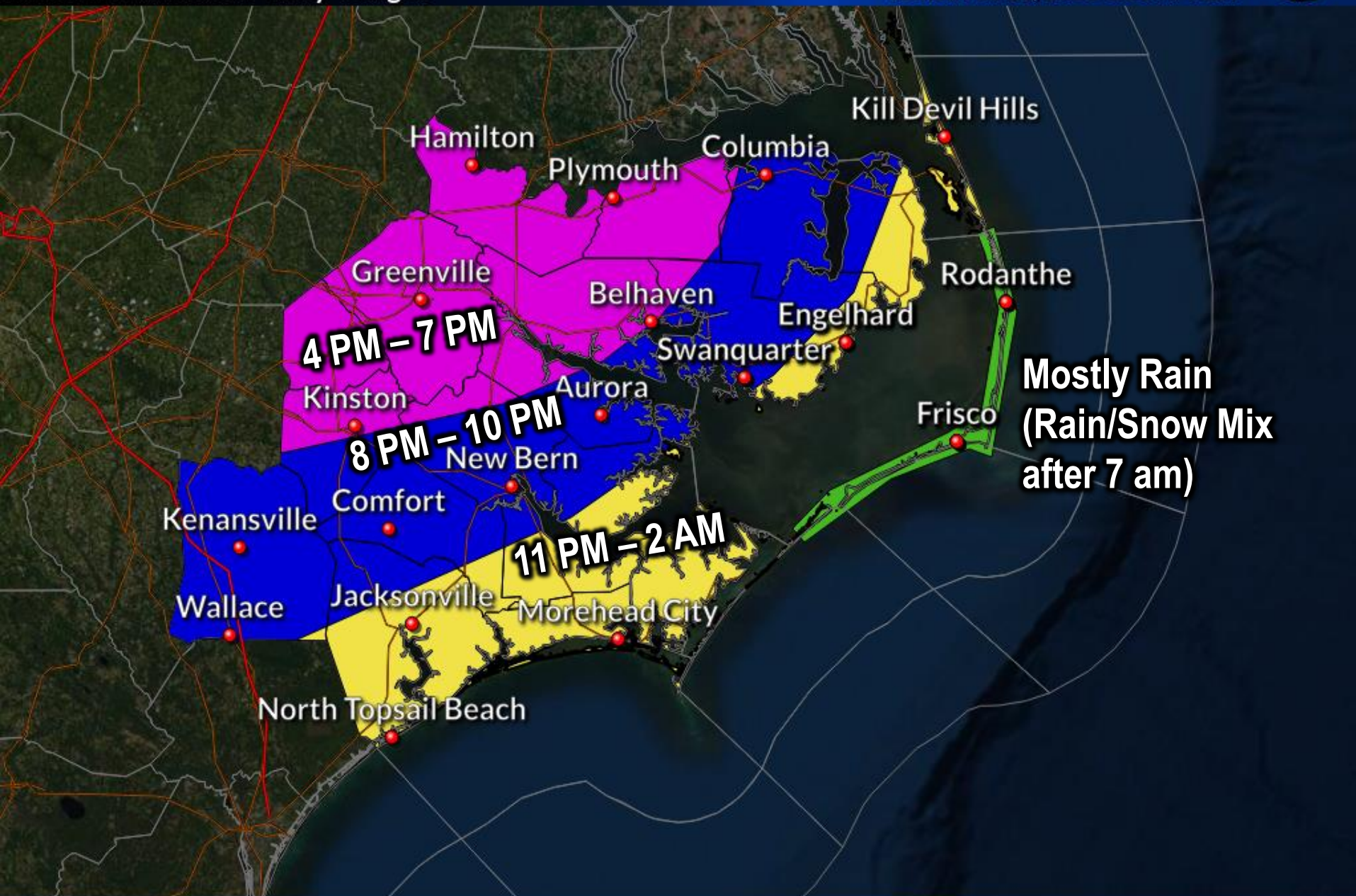
weather.gov/mhx/winter

Timing: Changeover To Snow

Late This Afternoon-Early Tonight

Weather Forecast Office
Newport/Morehead City, NC

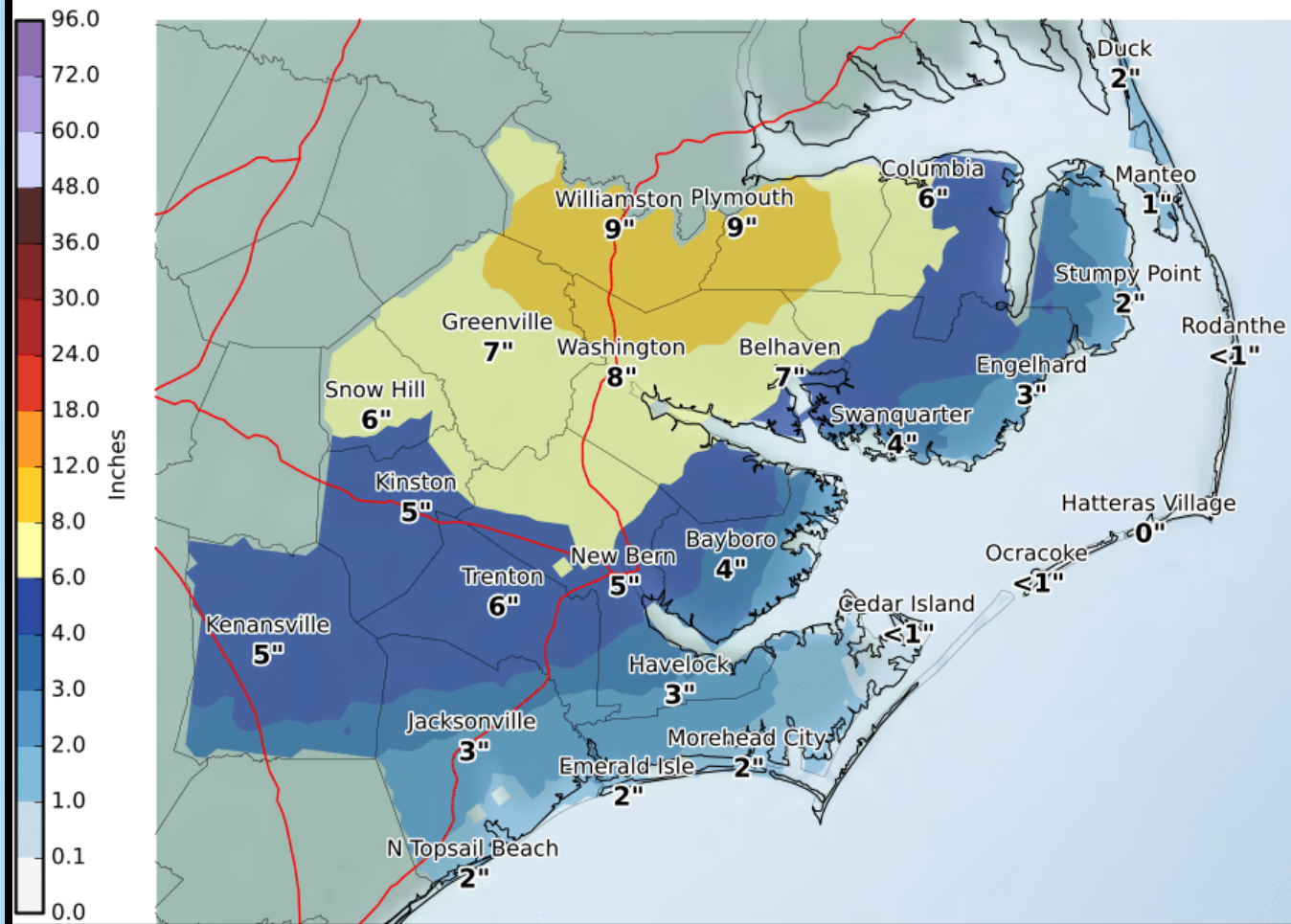
Issued Feb 20, 2020 6:56 AM EST



Probabilistic Snowfall Forecast

High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall

Valid: 02/20/2020 01:00 PM - 02/21/2020 01:00 PM



**This forecast is
REASONABLE
worst case
scenario – it is
highly unlikely
you'll see more
than this.**

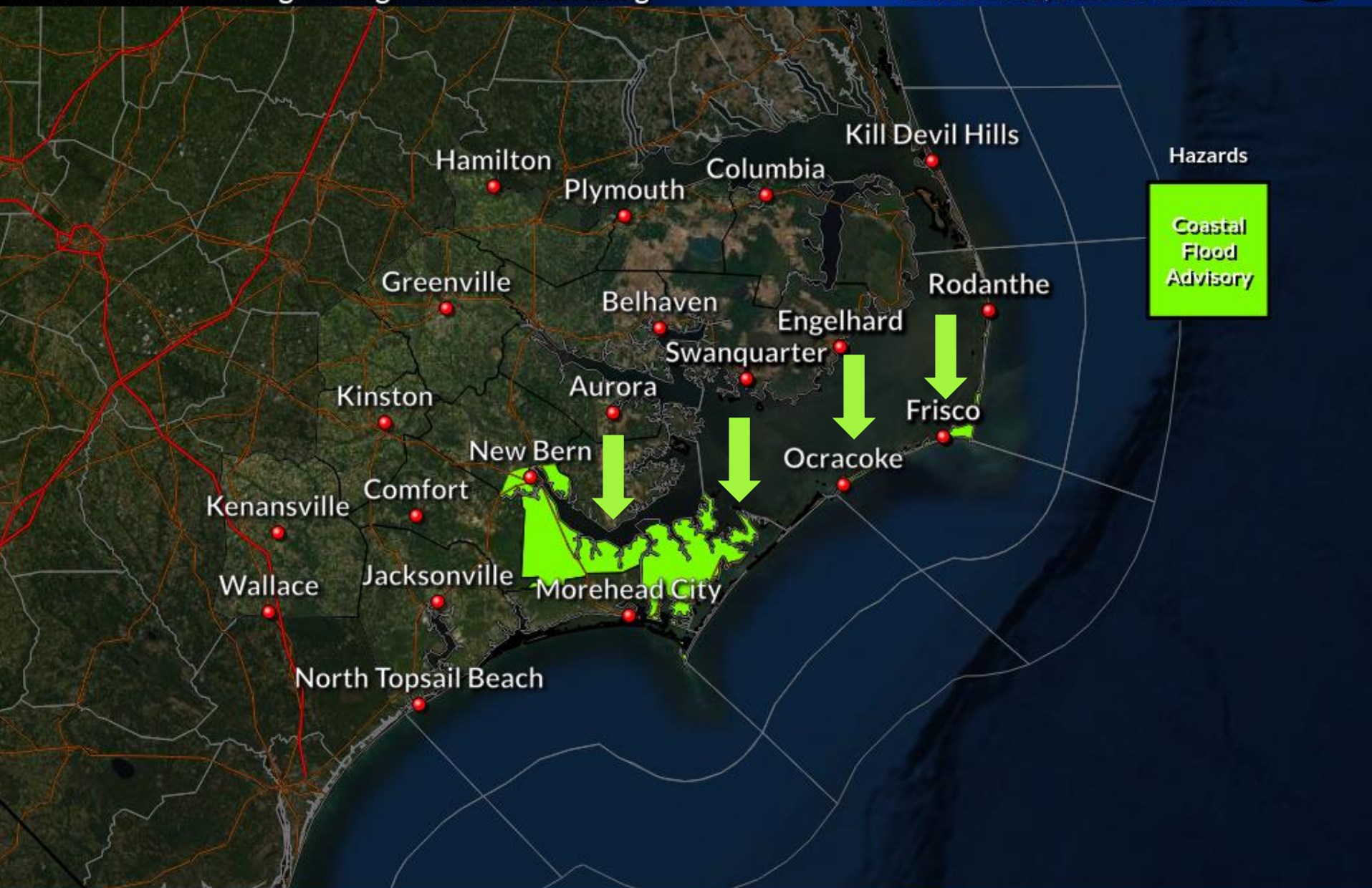
**More aggressive
guidance shows
potential for
banding and
heavier snow
across NW areas**

Coastal Flooding

Valid Late This Evening Through Tomorrow Evening

Weather Forecast Office
Newport/Morehead City, NC

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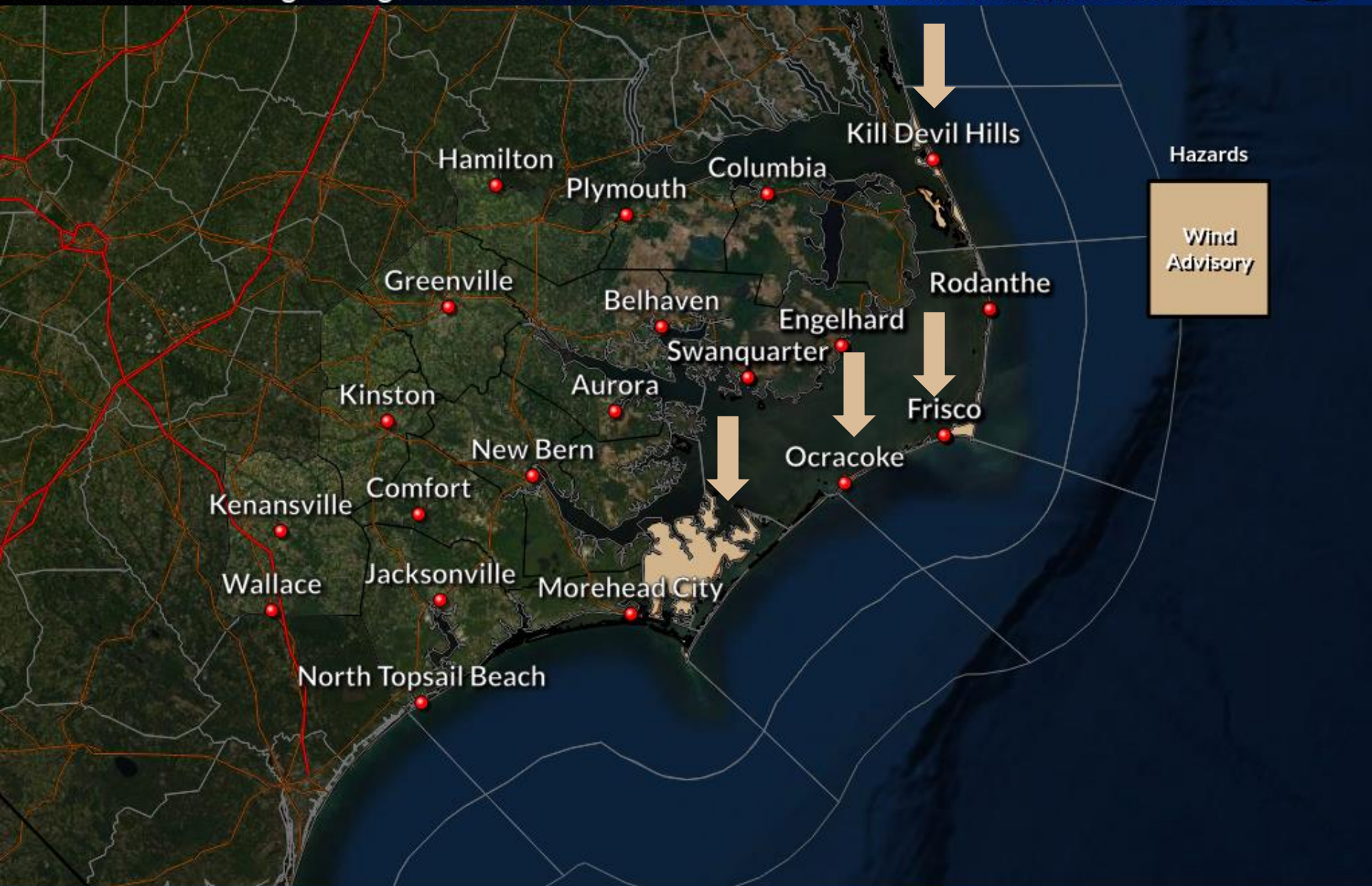


Wind Advisory

Valid Late This Evening Through Tomorrow Afternoon

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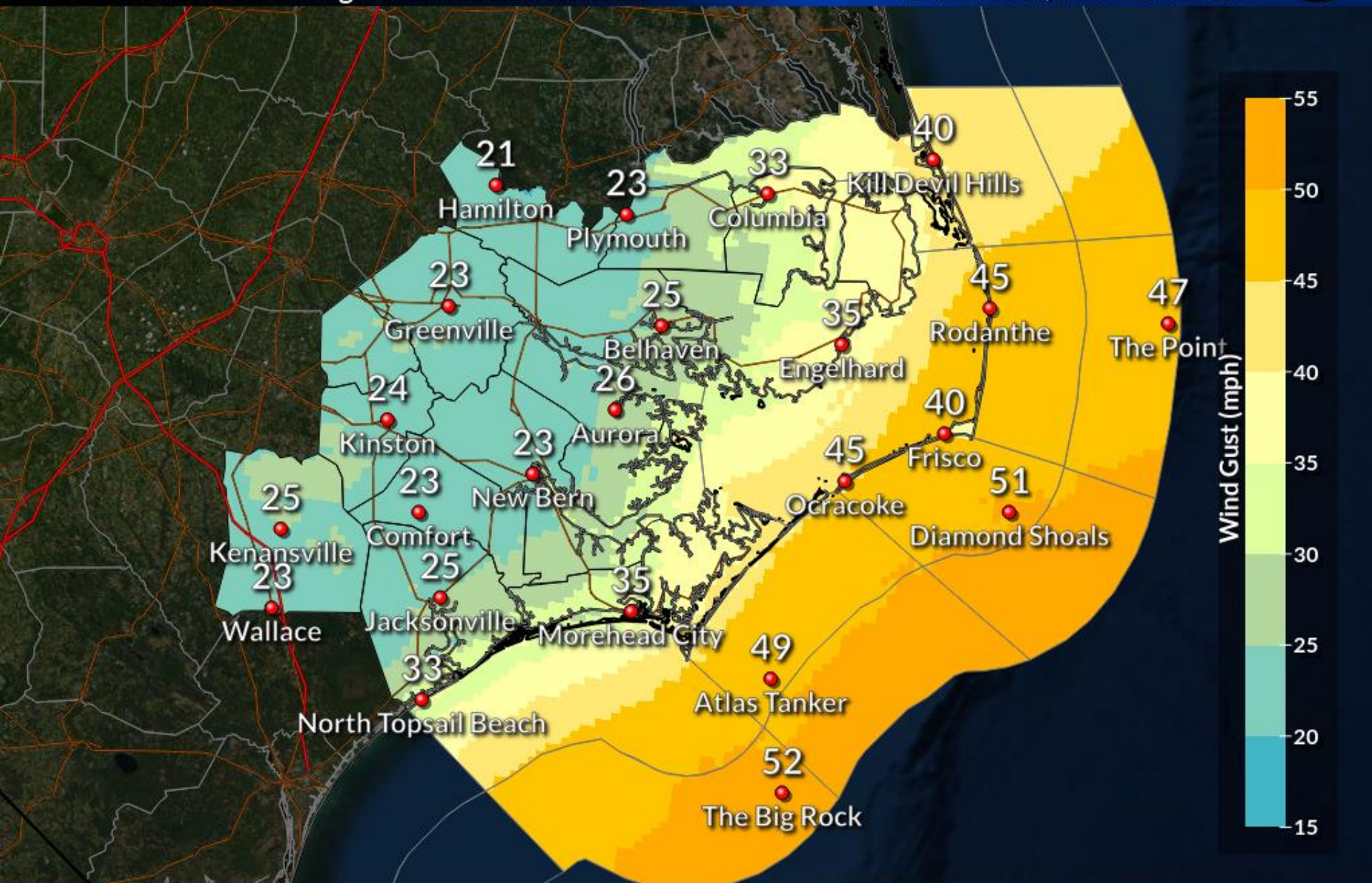


Max Wind Gusts

Late This Afternoon Through Tomorrow Afternoon

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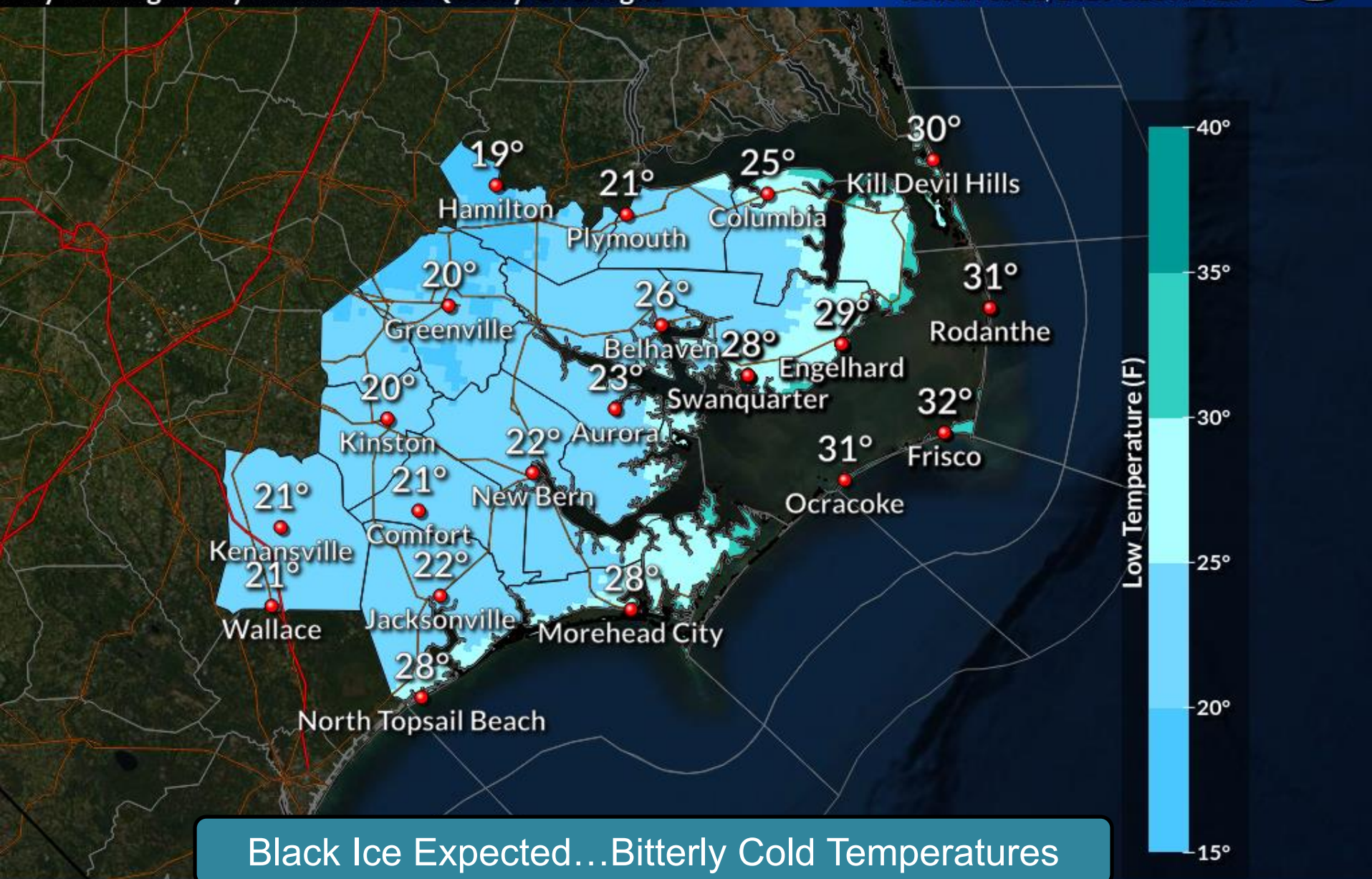


Very Cold Friday Night

Any Melting Friday Will Refreeze Quickly Overnight

Weather Forecast Office
Newport/Morehead City, NC

Issued Feb 20, 2020 6:28 AM EST



Black Ice Expected...Bitterly Cold Temperatures

Event Summary

- ✓ Confidence is **HIGH** that this event will occur and we are expecting **MEDIUM** level impacts.
- ✓ Period of greatest impact: Tonight through Tomorrow Morning. Highest impacts will be across the northern half of Eastern NC and away from the coast.



4 to 6" of snow northern half of the area, 2 to 4" to the south and closer to the coast. Locally higher amounts are possible.



Hazardous travel expected, with icy or snow covered roads impacting travel, and the Friday morning commute.



Strong winds with isolated power outages possible. Minor coastal flooding is also expected.

Contact and Next Briefing Information



Next Briefing
When: By 5 PM Thursday
Method: E-mail

[Briefing Webpage](http://www.weather.gov/mhx/)



Web:

<http://www.weather.gov/mhx/>



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Disclaimer: The information contained within this briefing is time-sensitive, do not use after 5 PM February 20th