

# Winter Storm: Late Today- Tomorrow Morning

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





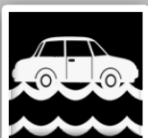


## What Has Changed?

- ✓ 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

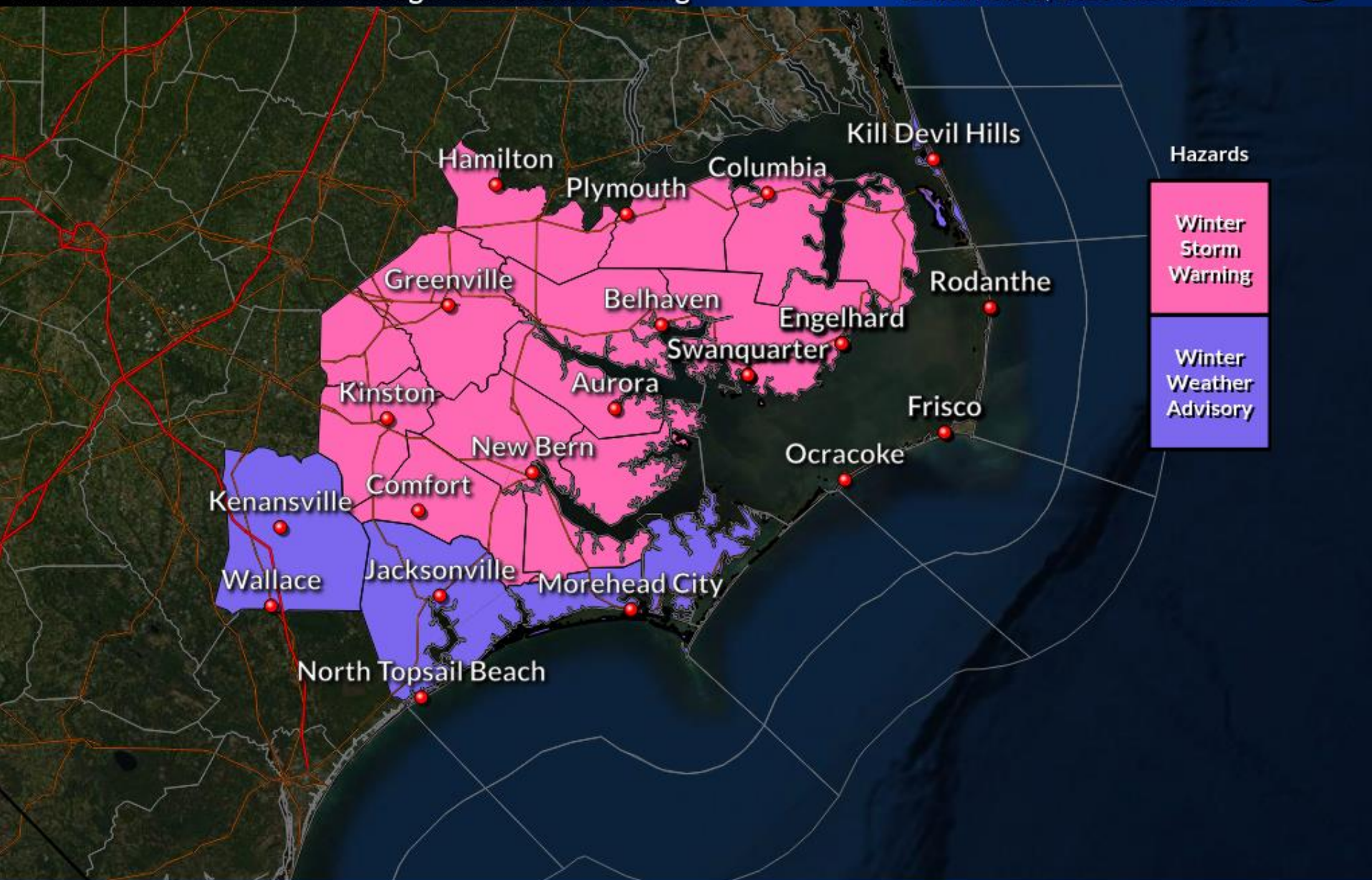


# Winter Weather

Valid Late This Afternoon Through Tomorrow Morning

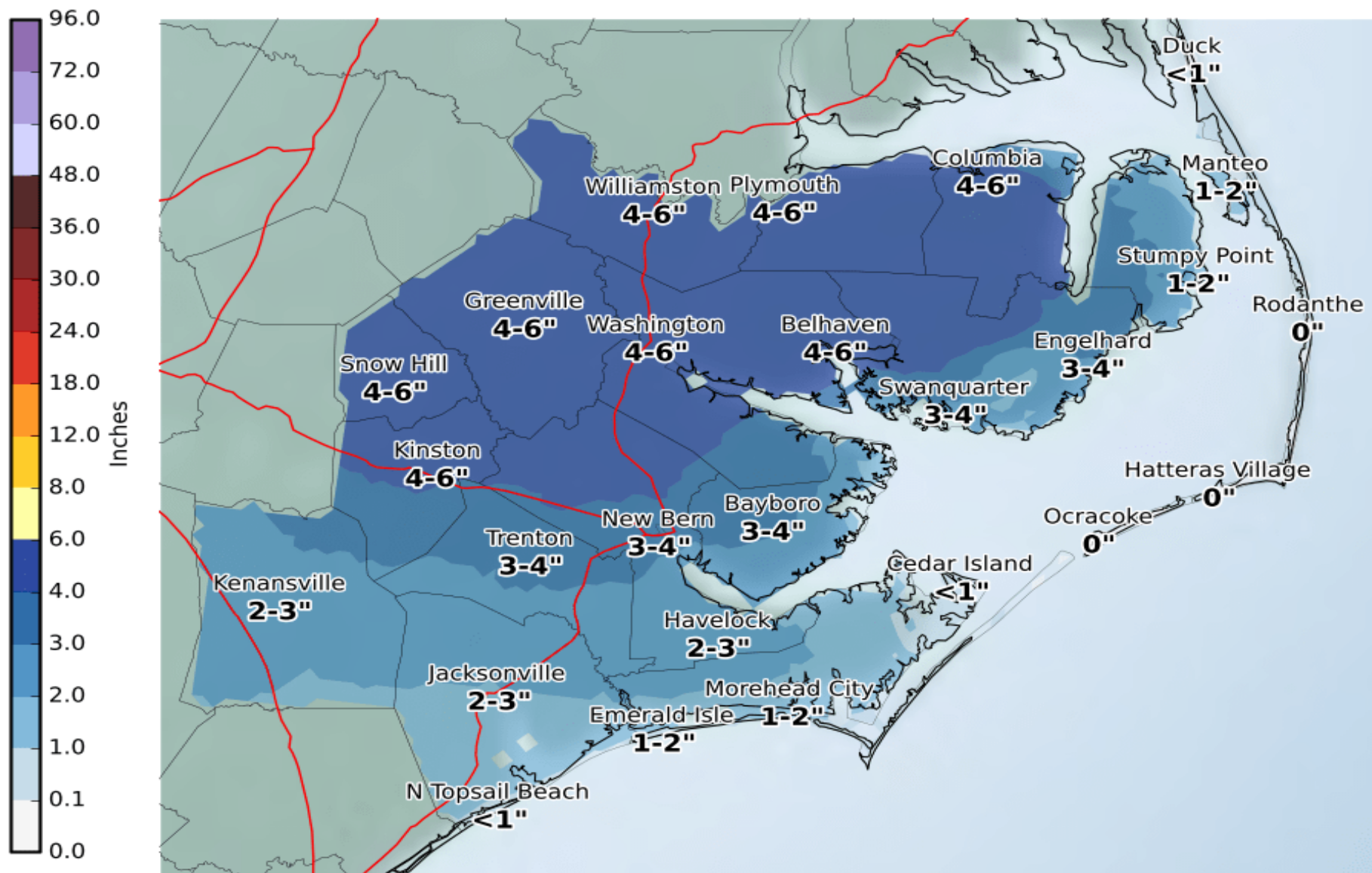
Weather Forecast Office  
Newport/Morehead City, NC

Issued Feb 20, 2020 6:03 AM EST



# 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](https://weather.gov/mhx/winter)

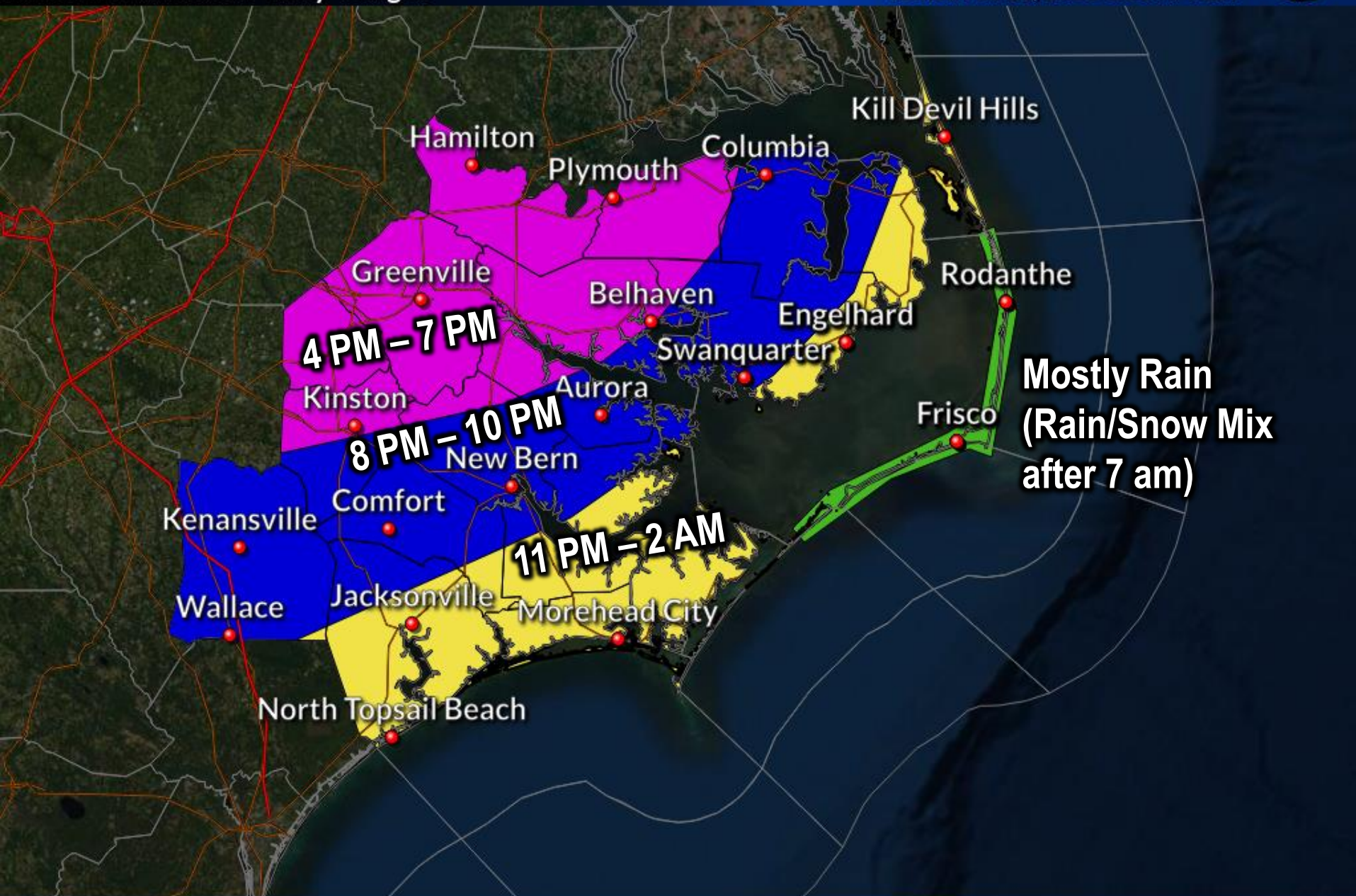


# Timing: Changeover To Snow

Late This Afternoon-Early Tonight

Weather Forecast Office  
Newport/Morehead City, NC

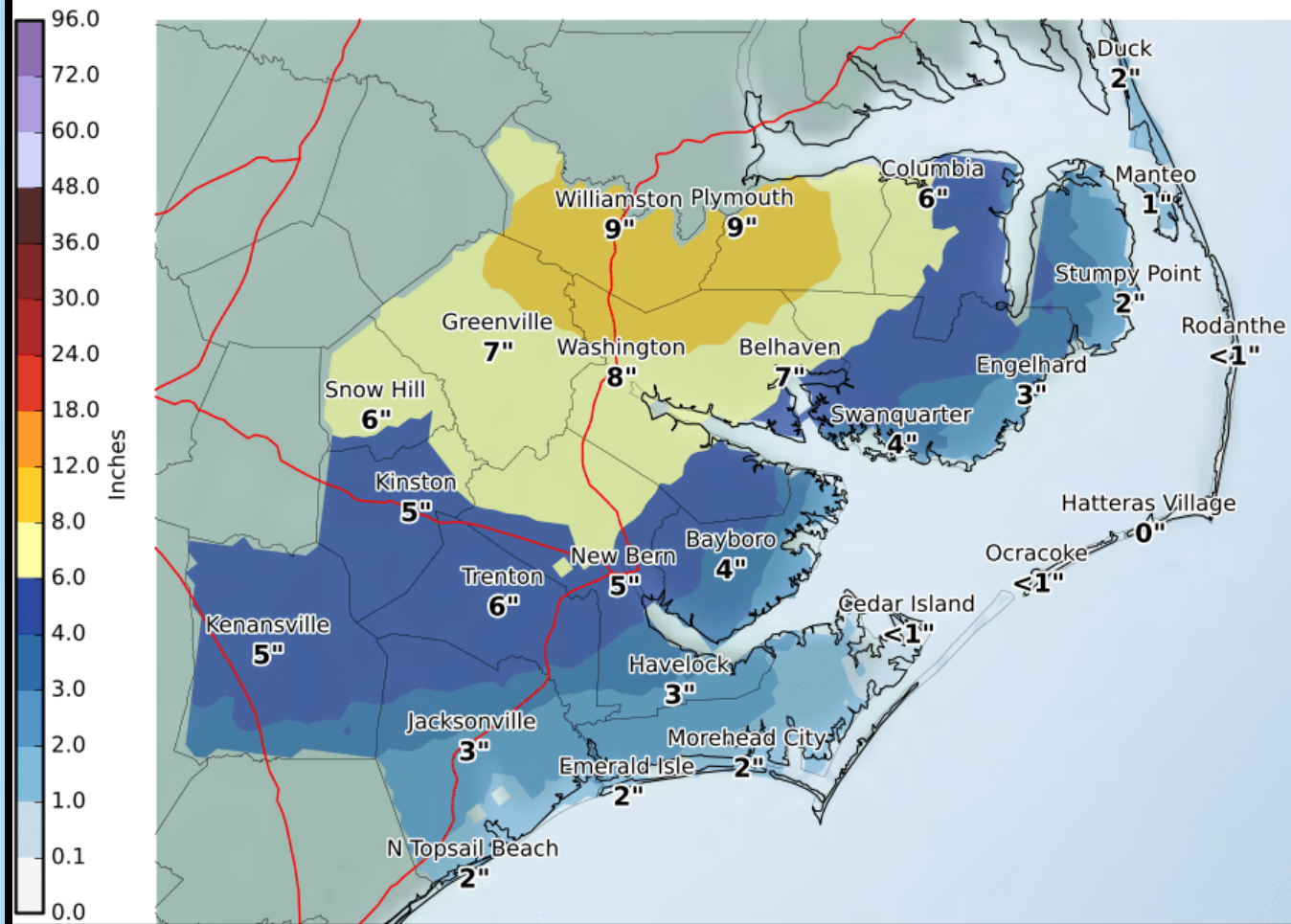
Issued Feb 20, 2020 6:56 AM EST



# 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

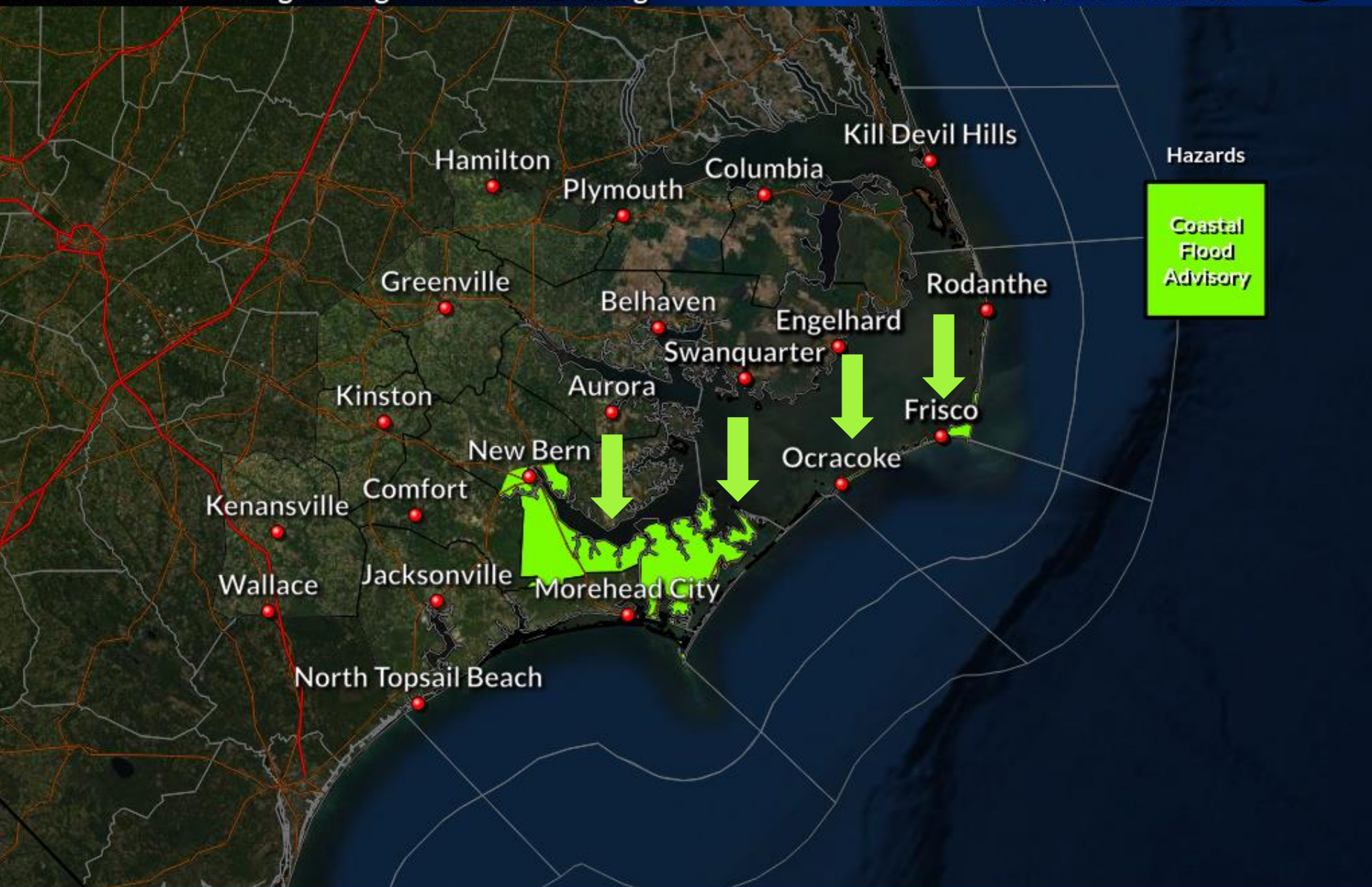


# Coastal Flooding

Valid Late This Evening Through Tomorrow Evening

Weather Forecast Office  
Newport/Morehead City, NC

Issued Feb 20, 2020 6:04 AM EST



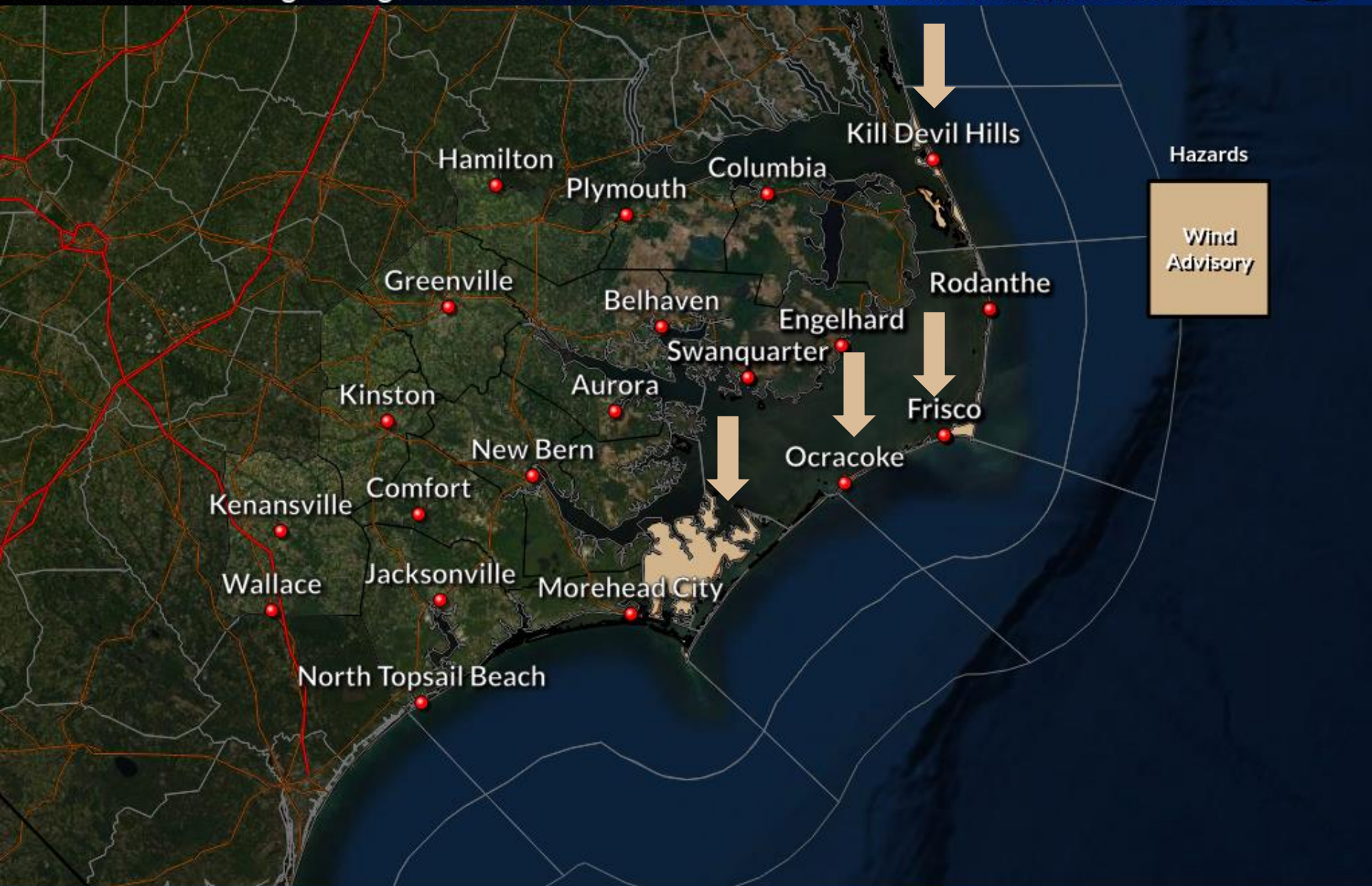


# Wind Advisory

Valid Late This Evening Through Tomorrow Afternoon

Weather Forecast Office  
Newport/Morehead City, NC

Issued Feb 20, 2020 6:06 AM EST



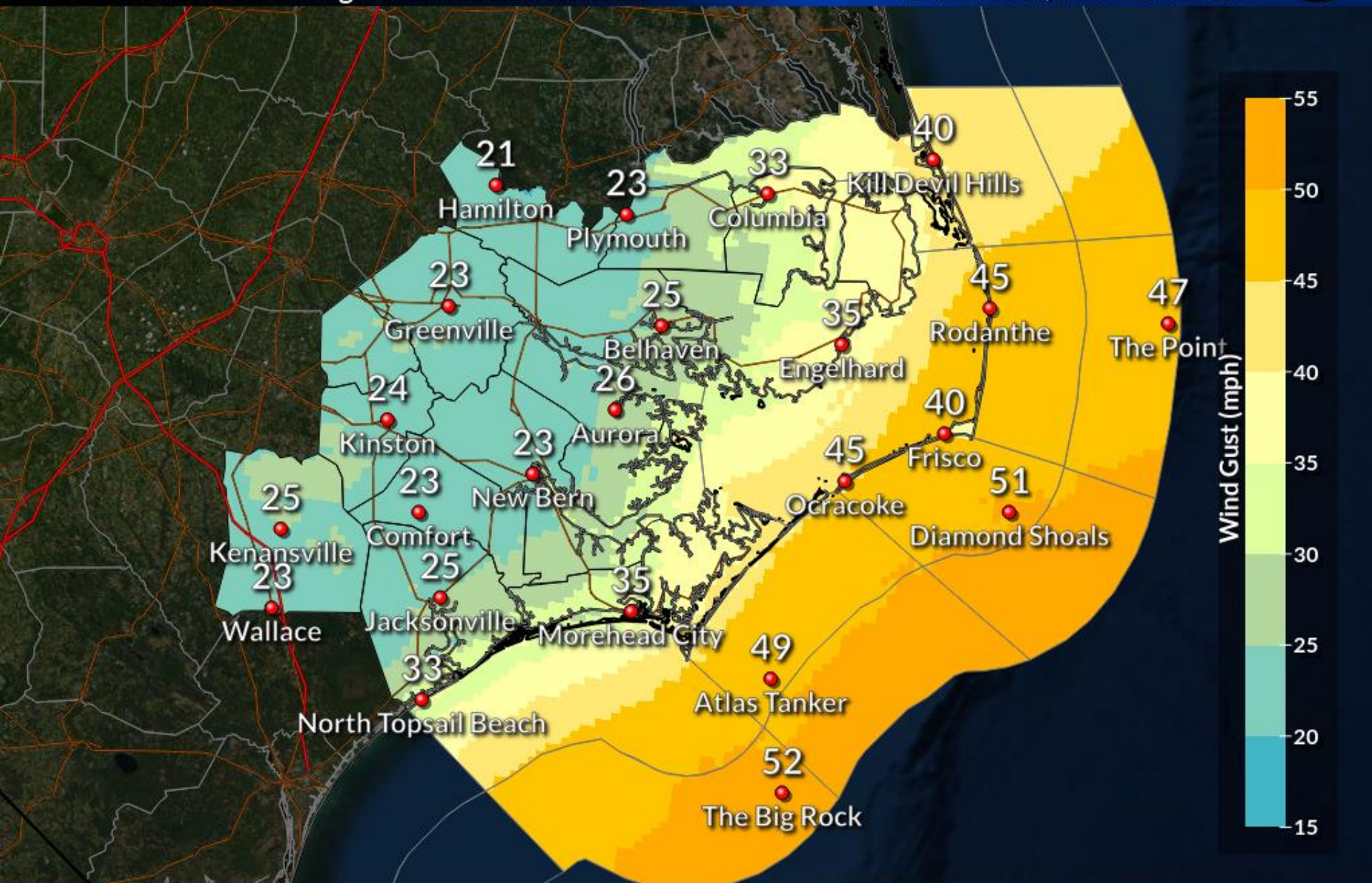


# Max Wind Gusts

Late This Afternoon Through Tomorrow Afternoon

Weather Forecast Office  
Newport/Morehead City, NC

Issued Feb 20, 2020 6:14 AM EST



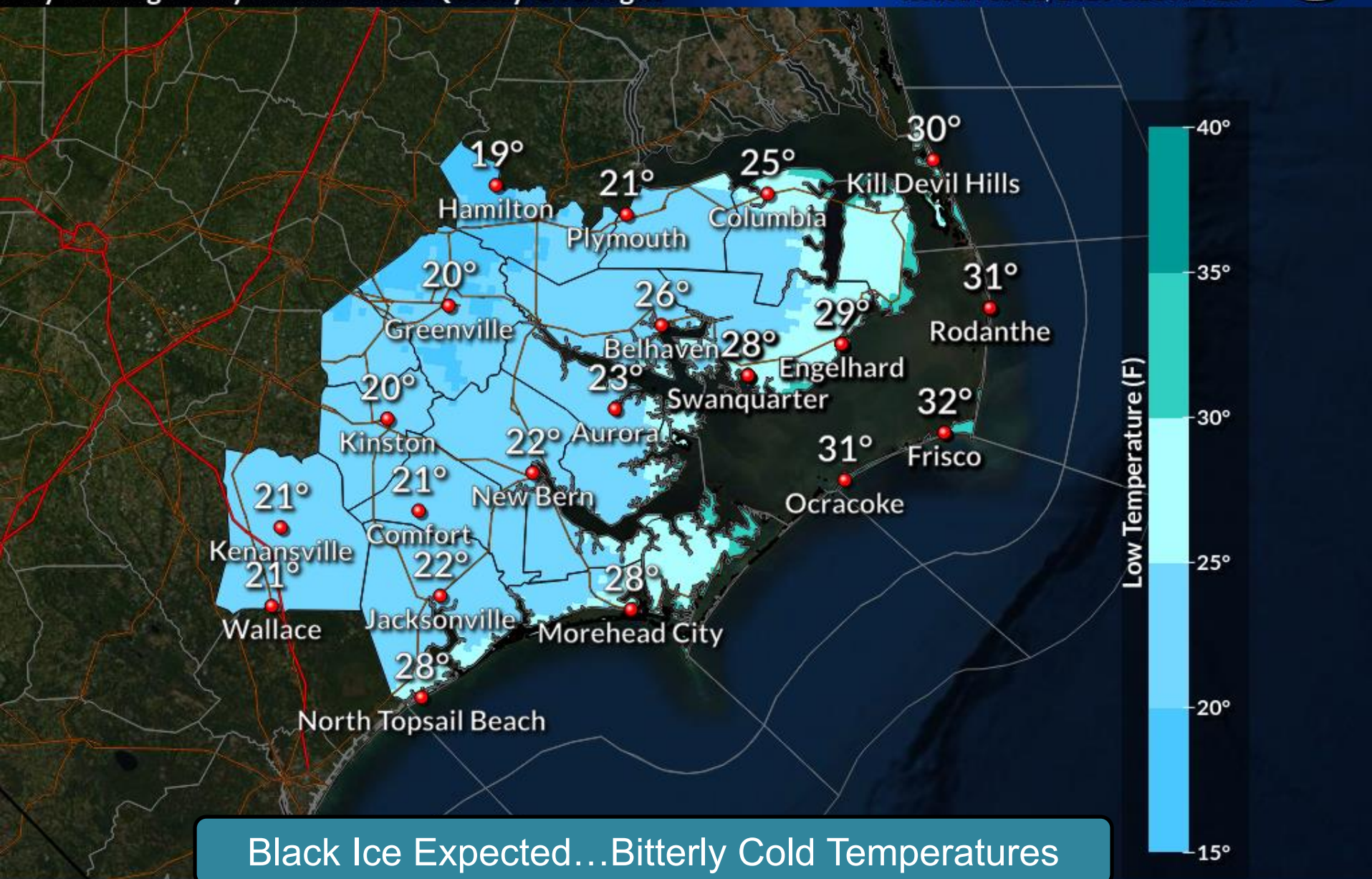


# Very Cold Friday Night

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/>



**Phone (public):**

(252) 223-5737



**E-mail:**

[wxobs.mhx@noaa.gov](mailto:wxobs.mhx@noaa.gov)



**Facebook:**

[NWS Newport/Morehead City](https://www.facebook.com/NWSNewportMoreheadCity)



**Twitter:**

[@NWSMoreheadCity](https://twitter.com/NWSMoreheadCity)



**YouTube:**

[NWSMoreheadCity](https://www.youtube.com/NWSMoreheadCity)

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