

Winter Weather Threat Friday night and Saturday January 7, 2017

National Weather Service
Newport/Morehead City, NC

Winter Weather Threat Summary Friday night and Saturday

- **A Winter Storm Watch** will likely be issued later today for portions of Eastern NC
- **Snow and Ice Accumulations:** Uncertainty continues regarding exact precipitation type and amounts, which will hinge on the eventual track and strength of the surface low moving along the coast, but all areas could see some snow accumulation...with possibly some light ice accumulation for areas south of Hwy 70. At this time, confidence is increasing that several inches of snow will be possible across portions of the area, with the highest totals likely extending from the Albemarle Sound region down into the coastal plain. Lower confidence continues for potential accumulations along the immediate coast.
- **Impacts:** Primary impacts will be to roadways affecting travel. Bridges & overpasses will be especially vulnerable. Travel Friday night into Sunday could be hazardous.
- **Timing:** The onset of the winter precipitation will likely begin as rain or rain/snow mix inland Friday night. The wintry precipitation will likely transition to snow inland late Friday night and early Saturday, with a wintry mix along the coast. A wintry mix with light freezing rain and sleet could develop for areas south of Highway 70 early Saturday, before transitioning to snow. Precipitation is expected to transition to all snow along the coast late Saturday, however some uncertainty continues on how much moisture will be left as cold air arrives. Expect snow to taper off Saturday evening from west to east.
- Please continue to monitor the weather forecast for updates, as this is an evolving situation with continued uncertainty.

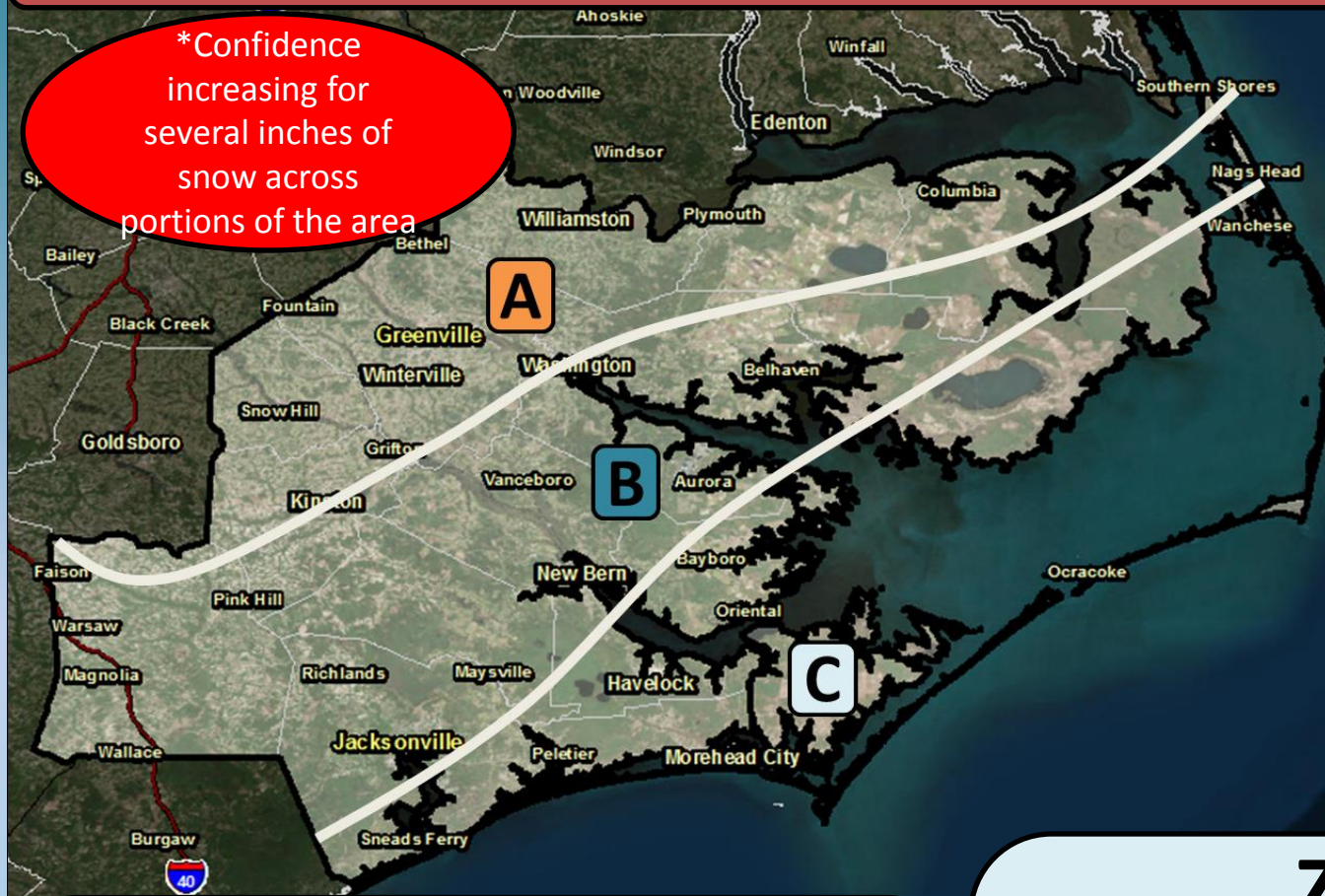
Additional Impacts

- **Wintry precipitation is expected to end Saturday evening, but roadways will likely remain hazardous into Sunday, possibly into Monday depending on snowfall amounts.** Temperatures will drop into the teens and 20s Saturday night, and highs will struggle to reach freezing for many locations Sunday. Snow and ice covered roads could become a serious issue.
- **Wind Chill values in the single digits Sunday and Monday mornings.** Very cold temperatures in the teens to low 20s combined with north/northwesterly winds will result in wind chill values in the single digits Sunday and Monday mornings.
- **Minor coastal flooding for areas adjacent to the Pamlico Sound, high surf and minor ocean over-wash along the Outer Banks possible.** Strong north winds are expected to develop Saturday, and produce minor coastal flooding for soundside areas from Oregon Inlet down to Downeast Carteret county, with water level rises of 1 to 2 feet. High surf and minor ocean over-wash may also occur along the northern and central Outer Banks, particularly during times of high tide. Winds will diminish slightly Sunday.

Winter Weather (Late Friday Night-Early Saturday Eve)

Graphic created: 1/5 @6am

*Confidence increasing for several inches of snow across portions of the area



Zone A

- Best chance for snow
- Significant Accumulation Possible
- May start as rain before changing to snow

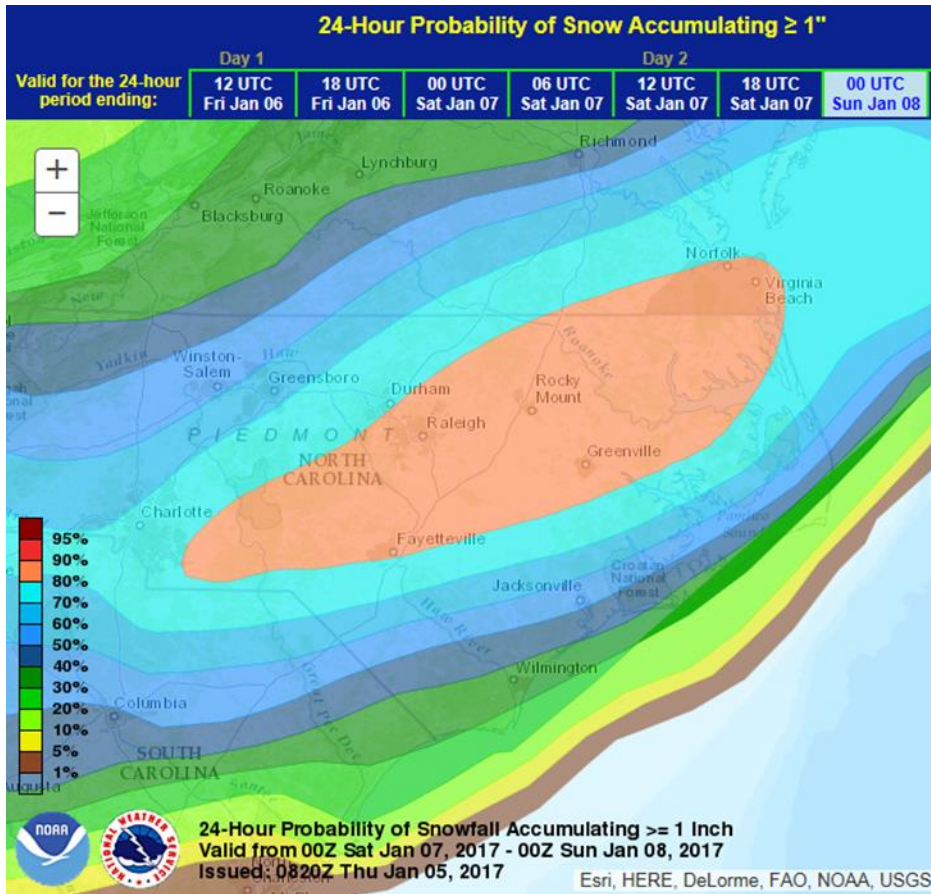
Zone B

- Good chance for at least some accumulating snow
- Likely rain initially, then changing to snow. Some light sleet or freezing rain may mix in early Saturday across the southern counties.

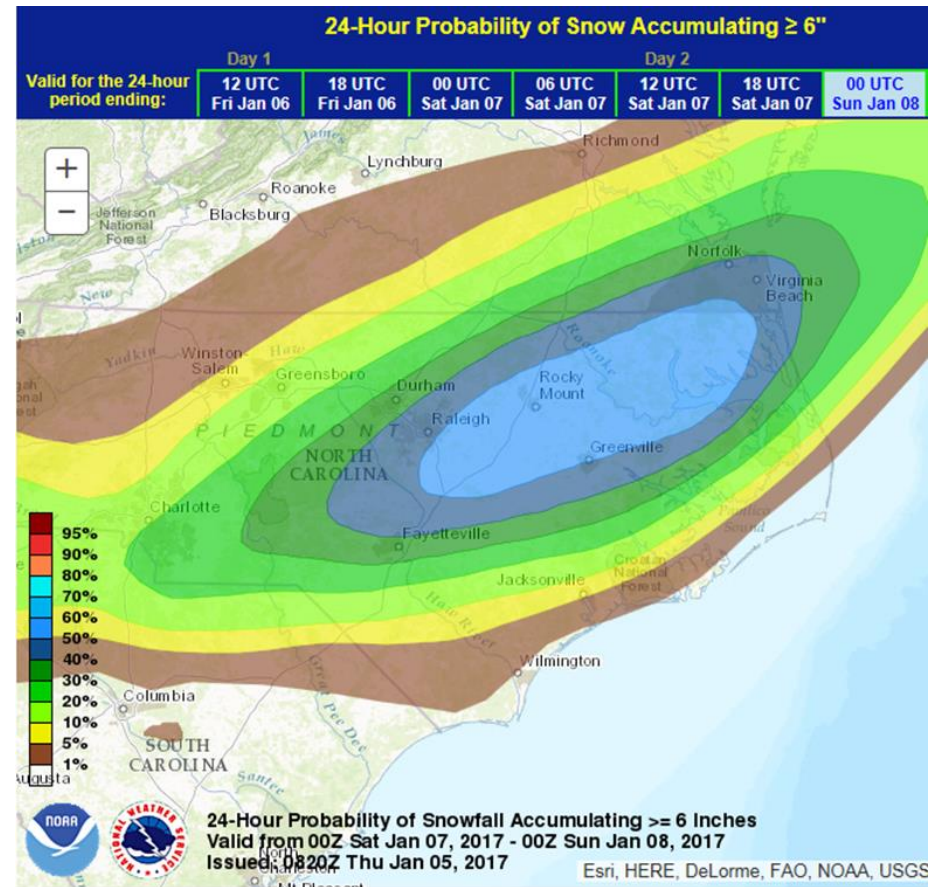
Zone C

- Most uncertain zone
- Snow vs. Rain, depends on track of storm
 - Initially rain, then possibly changing to snow late Saturday
 - Accumulations possible

Snow Probabilities



Probability of snow ≥ 1 inch

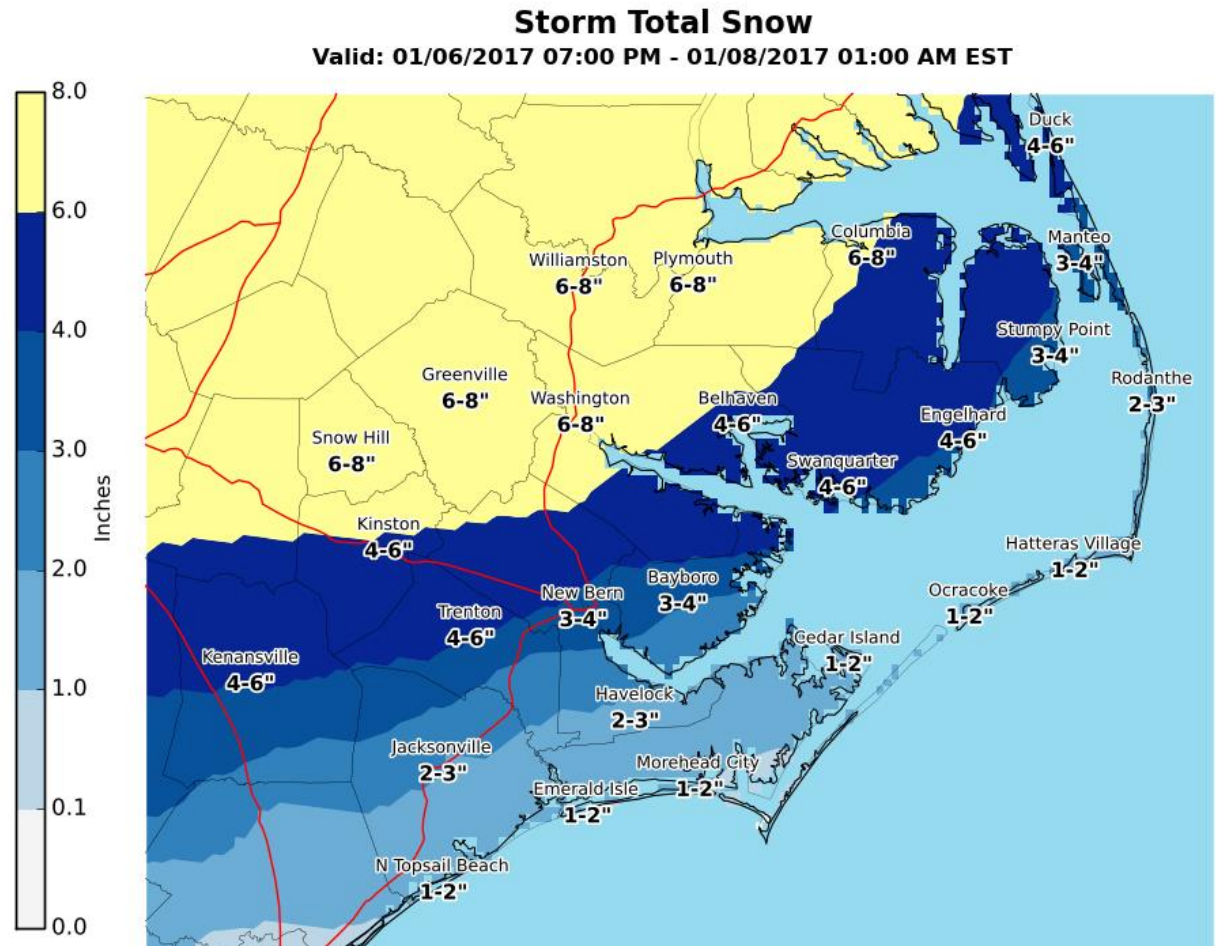


Probability of snow ≥ 6 inches

Snow Accumulation

Though uncertainty remains regarding exact snowfall amounts, forecast confidence is increasing that several inches of snow will be possible across portions of the area. At this time think highest totals will extend from the Albemarle Sound region down into the coastal plain.

All areas could see snowfall accumulation.



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Newport/Morehead City North Carolina
01/05/2017 03:35 AM EST

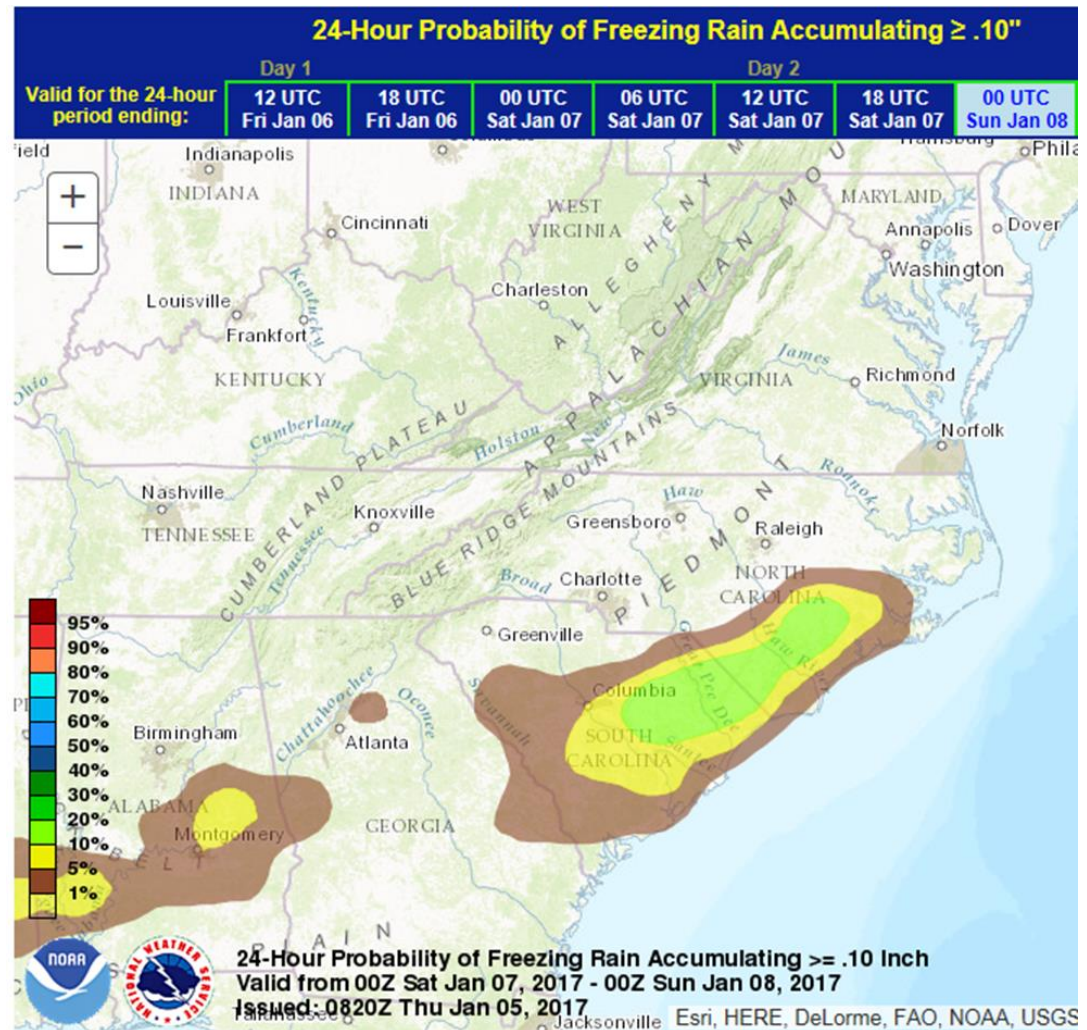
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Probability Light Ice Accumulation

A brief period of light freezing rain with light ice accumulations will be possible Saturday, with best chances across the southern counties.

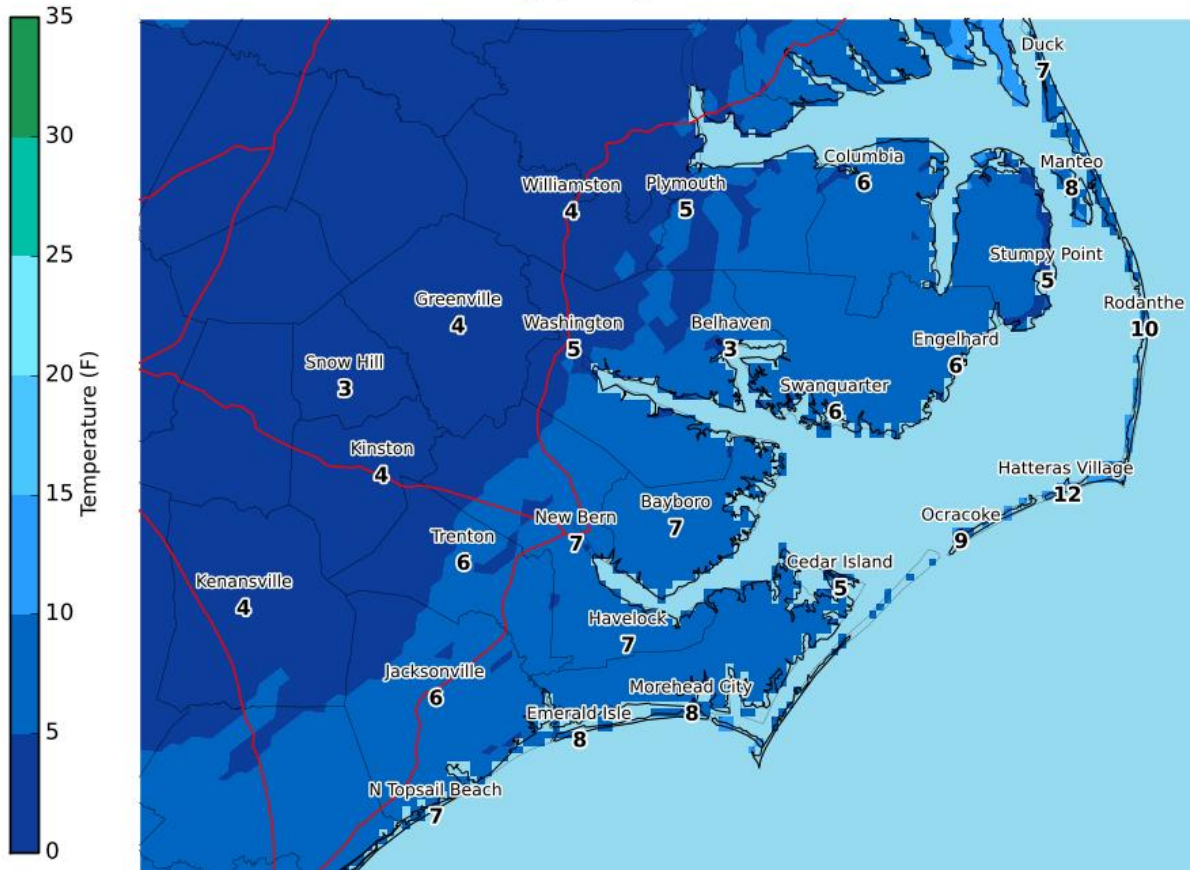


Probability of Ice > 0.10 inches

Wind Chills

Wind Chill Values

Valid: Monday, January 09, 2017 at 07 AM EST



Very cold temperatures are expected Sunday and Monday, with wind chill values both mornings in the single digits for most locations.



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01/05/2017 04:55 AM EST

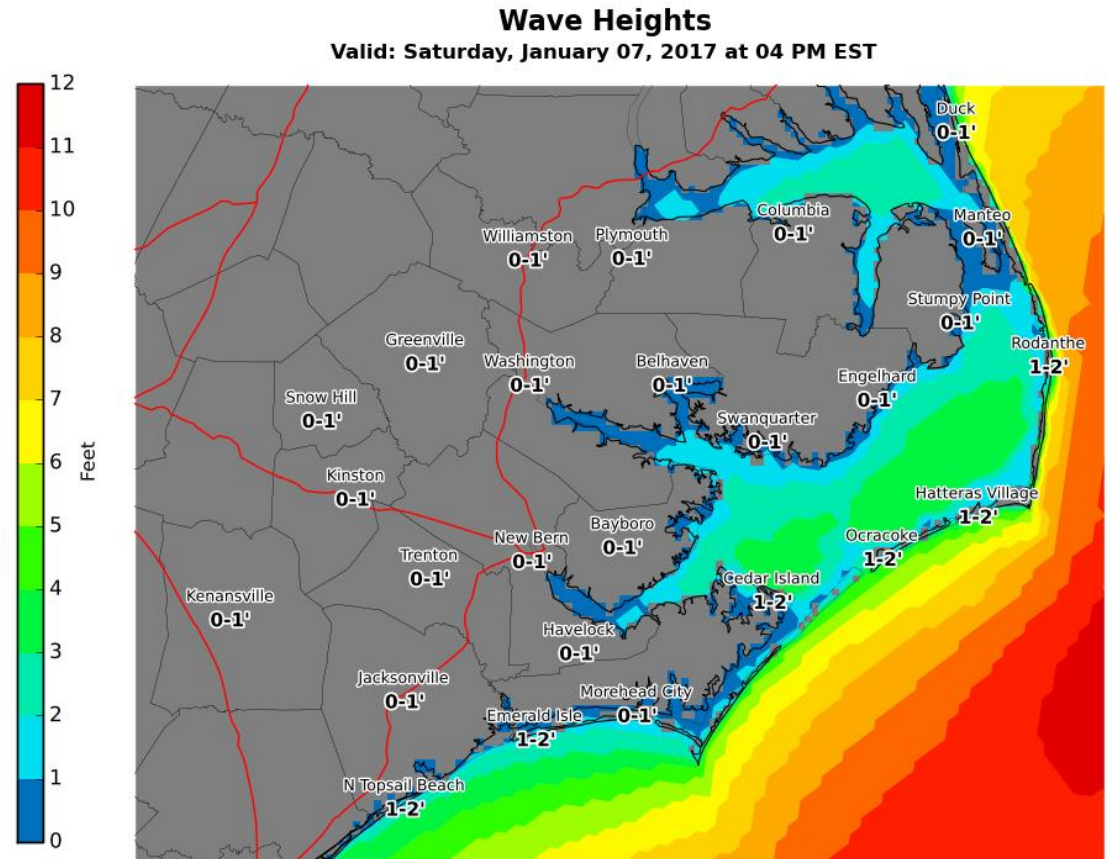
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Wave Heights

Gale force winds are likely to develop across the waters Saturday, then diminish slightly Sunday. Seas will peak at 5 to 12 feet Saturday evening.



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01/05/2017 05:13 AM EST

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For updates call the forecaster on Duty
(252) 223-5122 x5

References:

NWS Newport/Morehead City

<http://www.erh.noaa.gov/mhx/>

WPC Winter Weather Forecasts

http://www.wpc.ncep.noaa.gov/wwd/winter_wx.shtml

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