



# Weekly Impact Weather Briefing for Central North Carolina

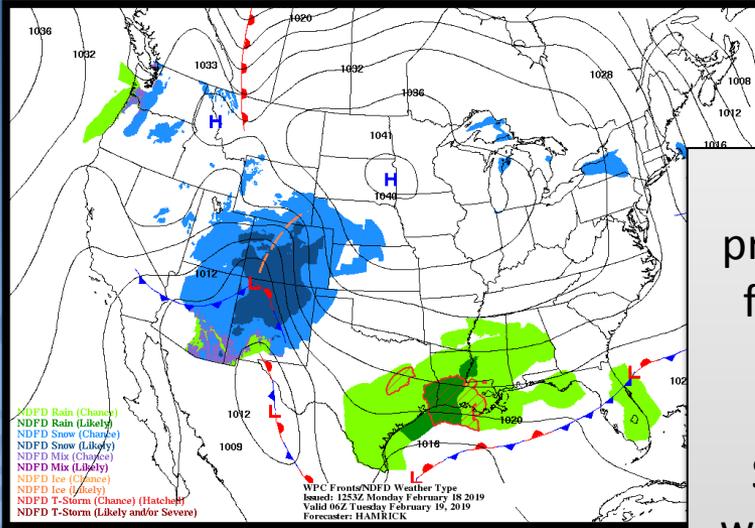
Covering the period Monday through Sunday  
February 18-24, 2019



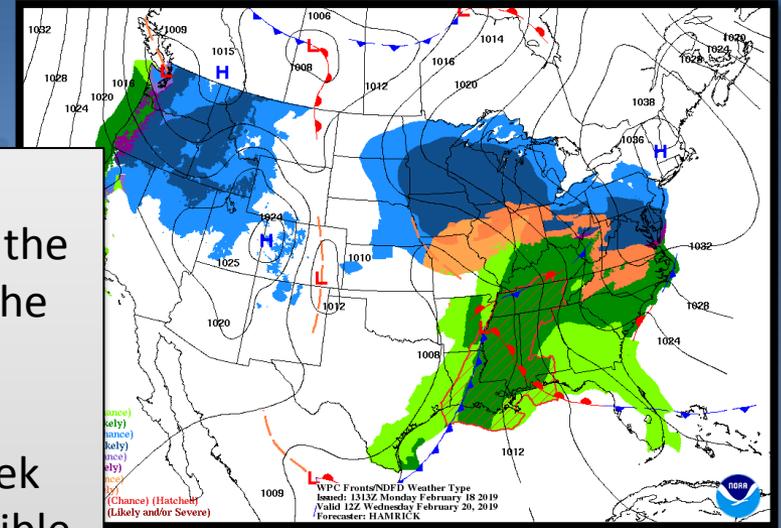
The purpose of these Monday morning briefings is to give you an idea of what to expect weather-wise for this week, and to give you a heads-up as to what types of hazardous weather impacts, if any, are possible this week.

# This Week's Weather Pattern

## Early-Week



## Mid-Week

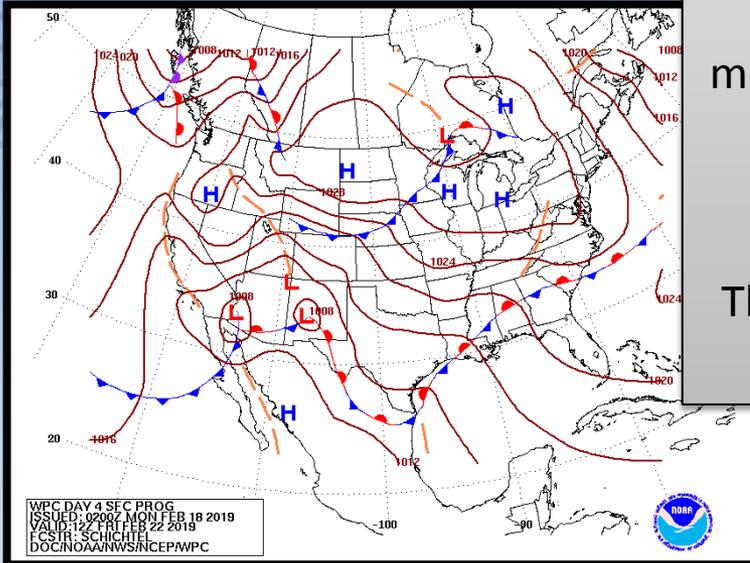


Plenty of precipitation in the forecast over the next 5 days.

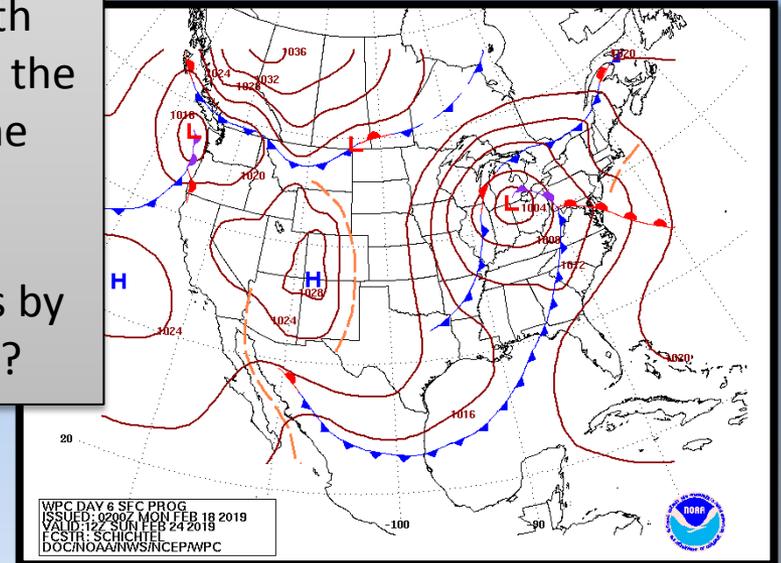
Some mid-week wintry mix possible across the northern Piedmont, with more rainfall on the way to end the week.

The sun returns by next Monday?

## Late-Week

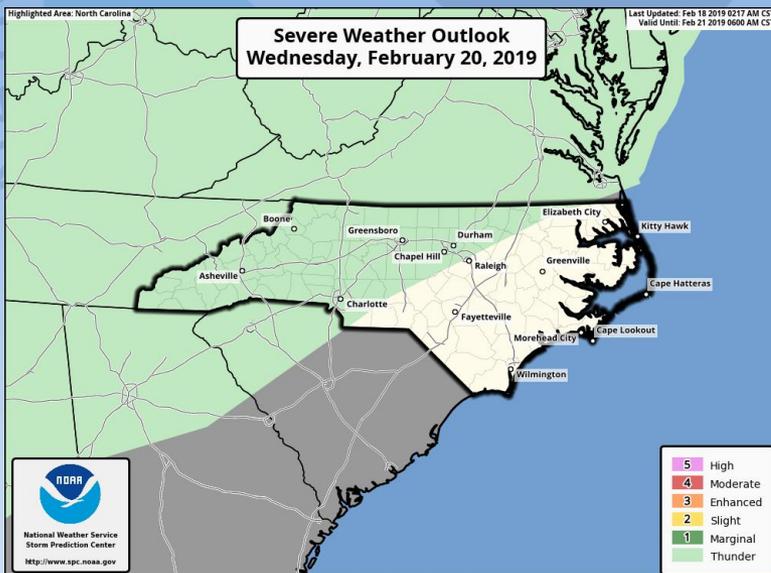
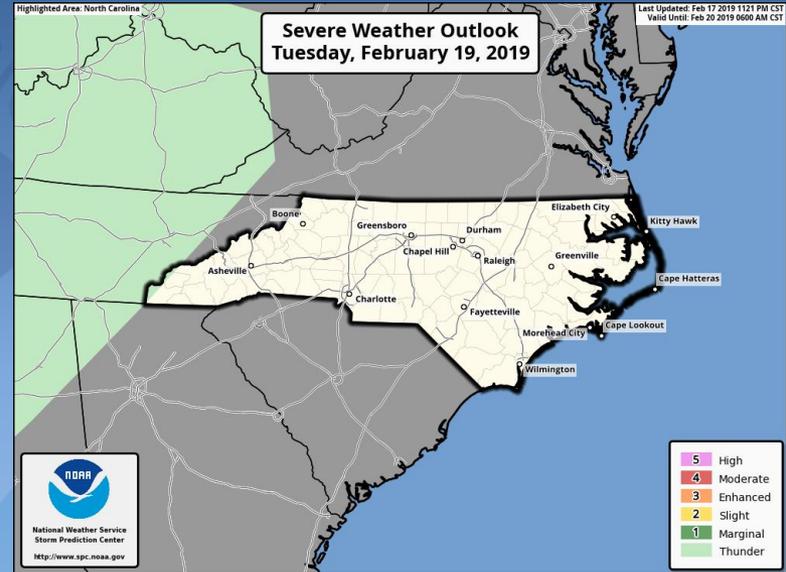
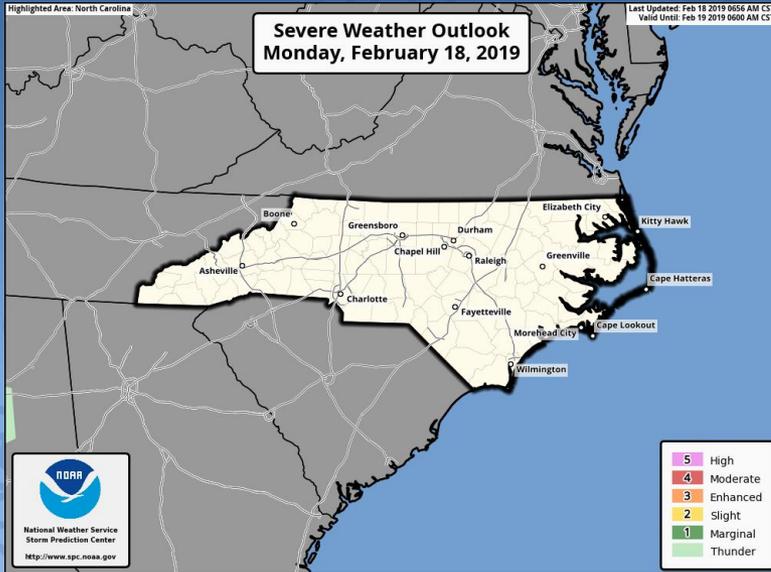


## This Weekend



# Severe Thunderstorm Potential

Courtesy of the Storm Prediction Center (www.spc.noaa.gov)

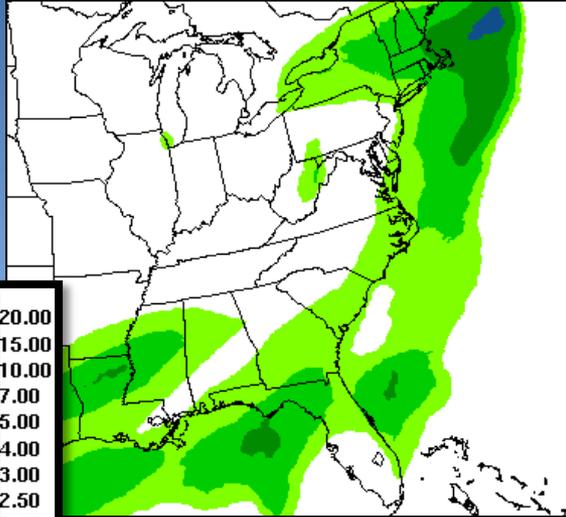


THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with <u>all</u> thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense
<ul style="list-style-type: none"> <li>Winds to 40 mph</li> <li>Small hail</li> </ul>	<ul style="list-style-type: none"> <li>Winds 40-60 mph</li> <li>Hail up to 1"</li> <li>Low tornado risk</li> </ul>	<ul style="list-style-type: none"> <li>One or two tornadoes</li> <li>Reports of strong winds/wind damage</li> <li>Hail ~1", isolated 2"</li> </ul>	<ul style="list-style-type: none"> <li>A few tornadoes</li> <li>Several reports of wind damage</li> <li>Damaging hail, 1 - 2"</li> </ul>	<ul style="list-style-type: none"> <li>Strong tornadoes</li> <li>Widespread wind damage</li> <li>Destructive hail, 2" +</li> </ul>	<ul style="list-style-type: none"> <li>Tornado outbreak</li> <li>Derecho</li> </ul>
<p>* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.</p>					

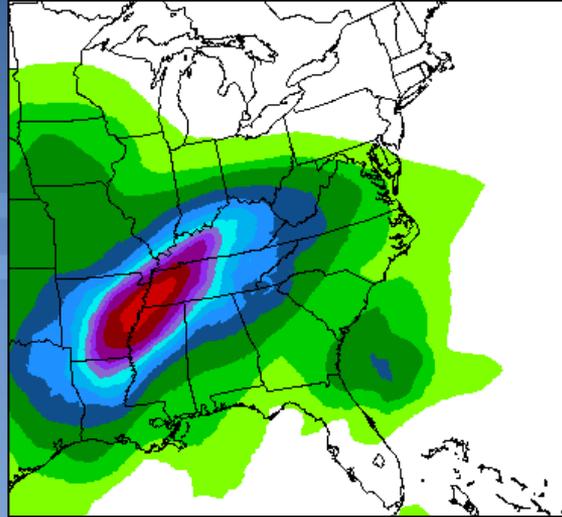
# Accumulated Precipitation Forecasts

Courtesy of the Weather Prediction Center ([www.wpc.ncep.noaa.gov](http://www.wpc.ncep.noaa.gov))

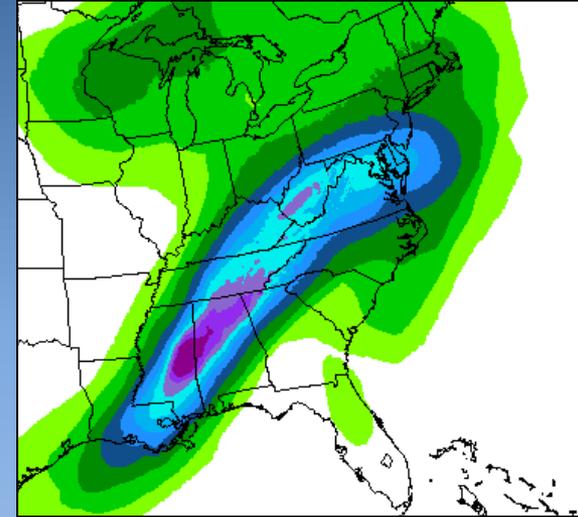
Today



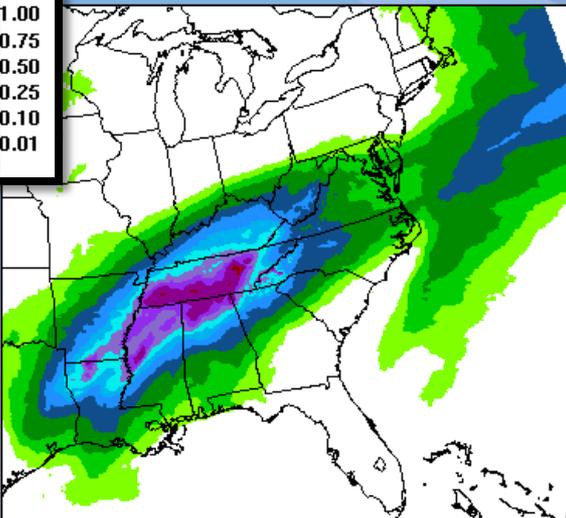
Tuesday



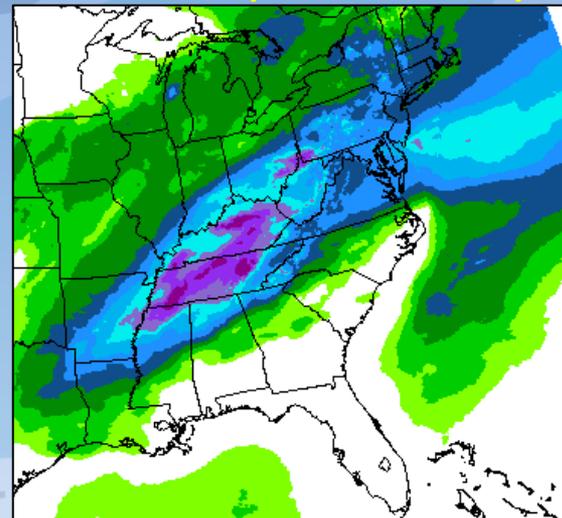
Wednesday



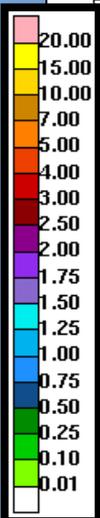
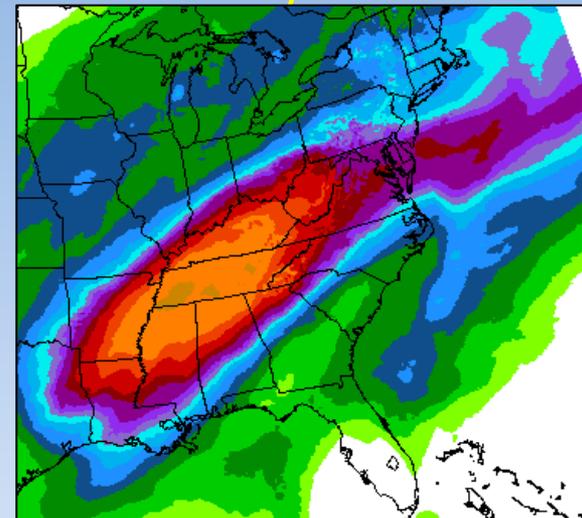
Thursday & Friday



Saturday and Sunday



7 Day Total

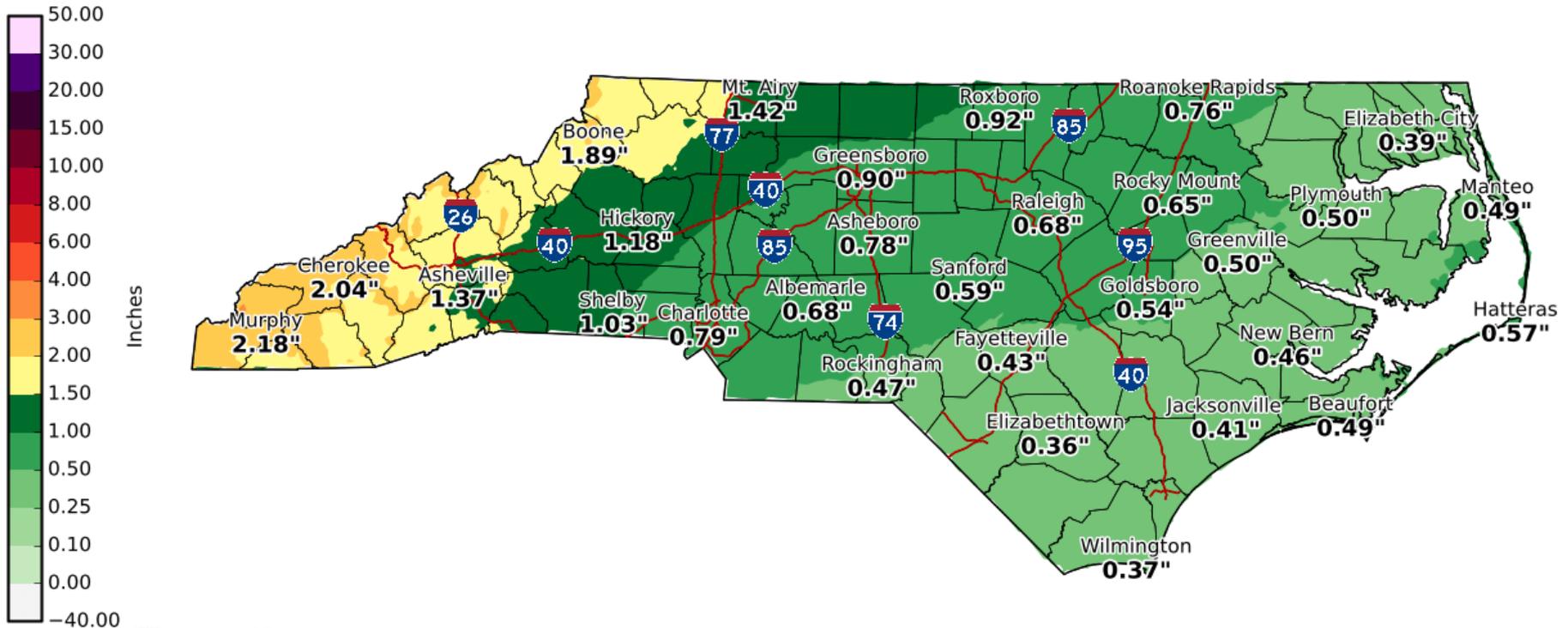


# NWS Rainfall Forecasts

## Next 72 Hours

### 72 hr Rainfall Totals

Valid: 02/18/2019 10:00 AM - 02/21/2019 10:00 AM EST



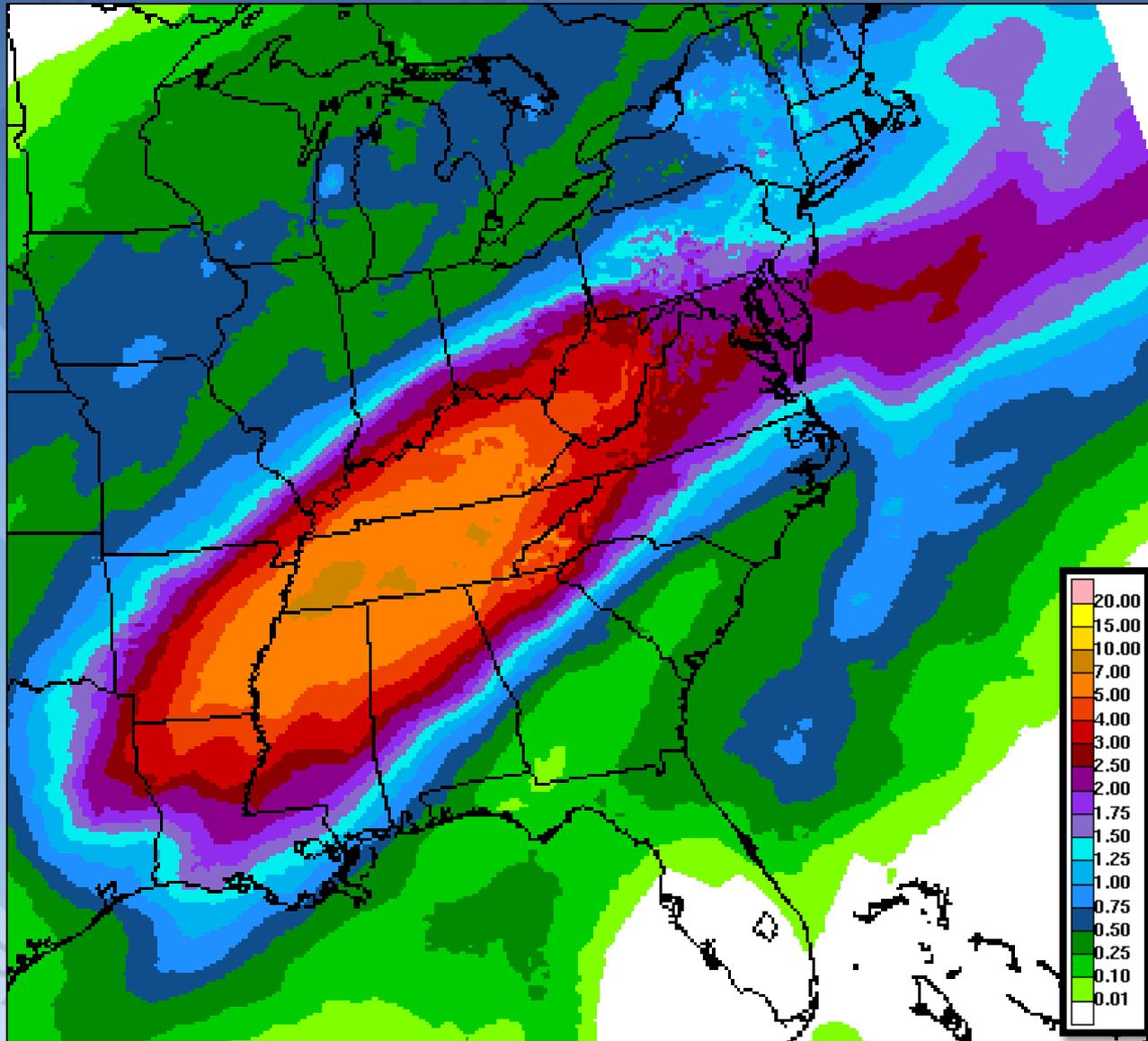
National Weather Service  
North Carolina NWS Offices

02/18/2019 10:11 AM EST

Follow Us:     
[weather.gov/rah/nc](http://weather.gov/rah/nc)

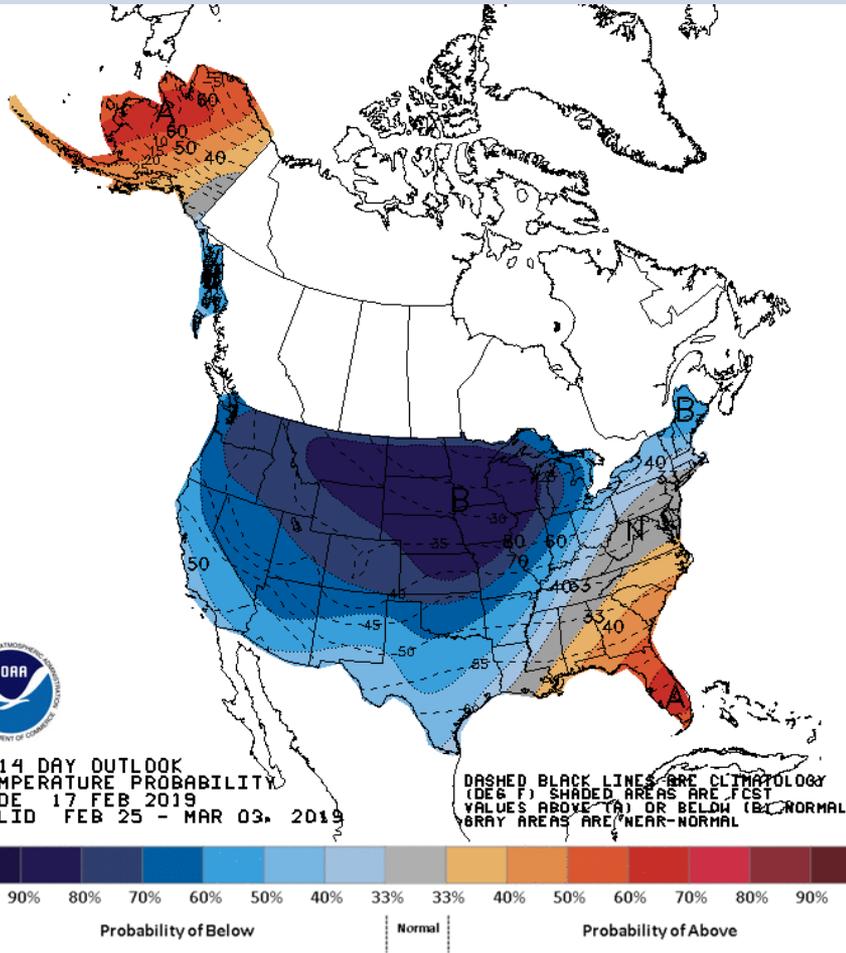
# 7- Day Accumulated Precipitation Forecasts

Courtesy of the Weather Prediction Center ([www.wpc.ncep.noaa.gov](http://www.wpc.ncep.noaa.gov))

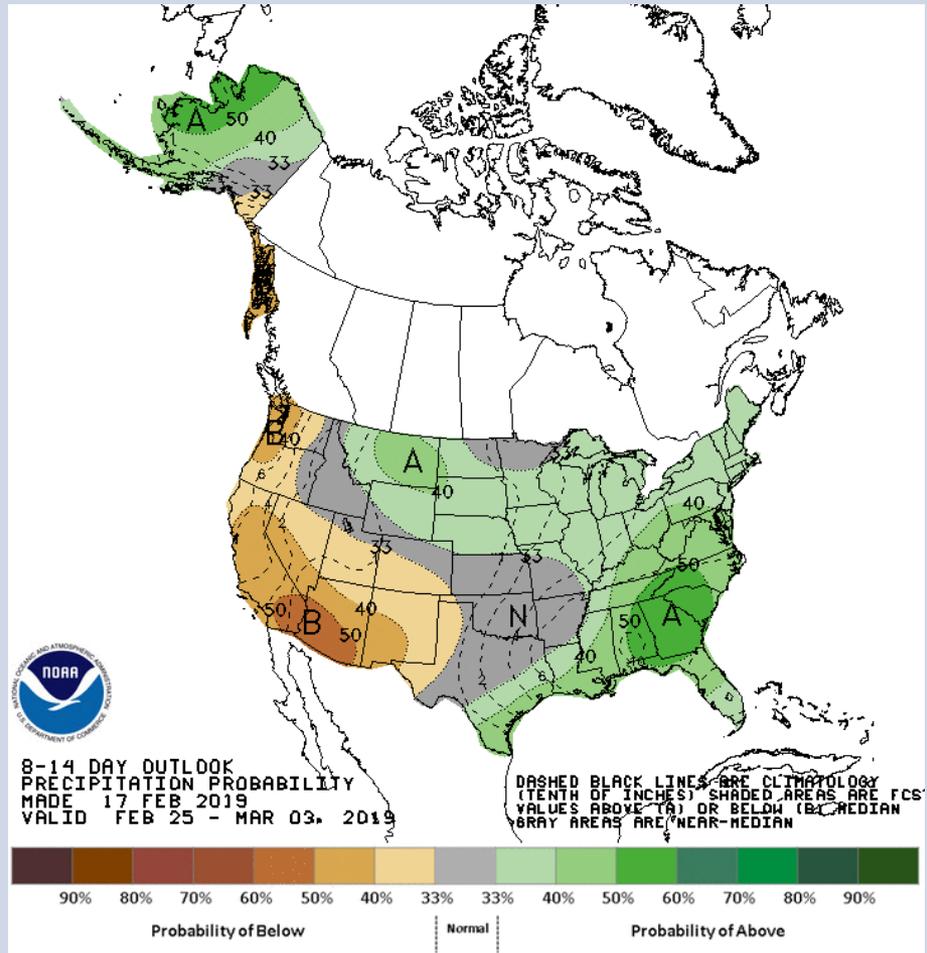


# Looking ahead to next week

## 8-14 Day Temperature Outlook



## 8-14 Day Precipitation Outlook





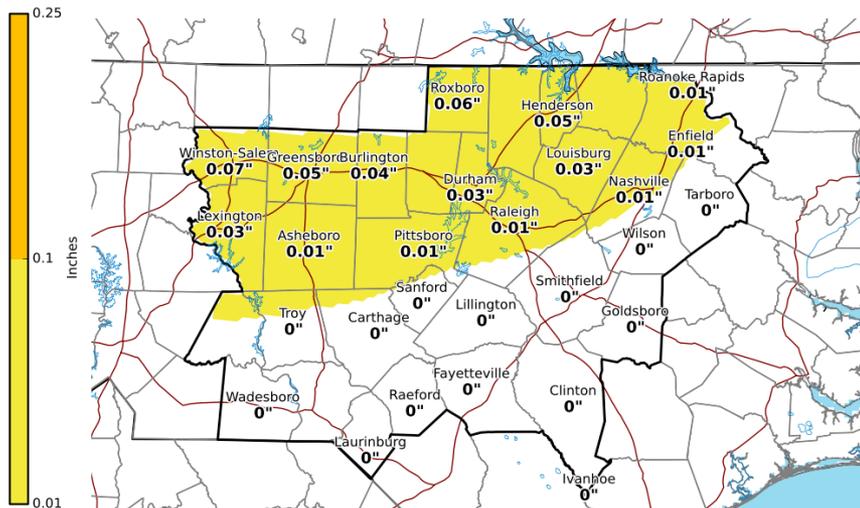
# Wintry Mix Possible Mid-week



Light wintry precipitation possible Tuesday night/Wednesday morning

## Ice Accumulations

Expected Ice Accumulation- Official NWS Forecast  
Valid: 02/19/2019 07:00 PM - 02/20/2019 01:00 PM EST



National Weather Service  
Raleigh, North Carolina  
02/18/2019 10:45 AM EST

Follow Us:   
weather.gov/raleigh/winter

## Important Details

- A wintry mix of snow/sleet/rain is expected to develop on Tuesday evening across northern portions of central NC. The wintry mix will change to freezing rain early Wednesday morning, with light ice accumulations possible. Little to no snow and sleet accumulations are expected.
- Timing: Tuesday Night -> Wednesday morning.
- Location: Northern Piedmont and Northern Coastal Plain.
- Impacts: Hazardous travel conditions possible, especially on elevated surfaces such as bridges and overpasses, or on any untreated roadways.

## HAZARDS:



For more information on the winter hazard threats, stay tuned to our social media accounts, NOAA Weather Radio, and our website: [www.weather.gov/rah](http://www.weather.gov/rah)



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



[www.fb.com/NWSRaleigh](https://www.facebook.com/NWSRaleigh)



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

Issued: 2/18/2019 9:47 AM

# Summary For the Week

- Wet weather pattern sticks around for the next 5 to 6 days
- Heaviest rainfall amounts along and west of the NC Mountains, but 1 to 3 inches possible over next 7 days locally
- Wintry mix possible Tuesday night -> Wednesday AM with minor impacts possible near/north of I-85
- Variable temps throughout the week
- No drought concerns
- Limited river flooding concerns (for now)

