

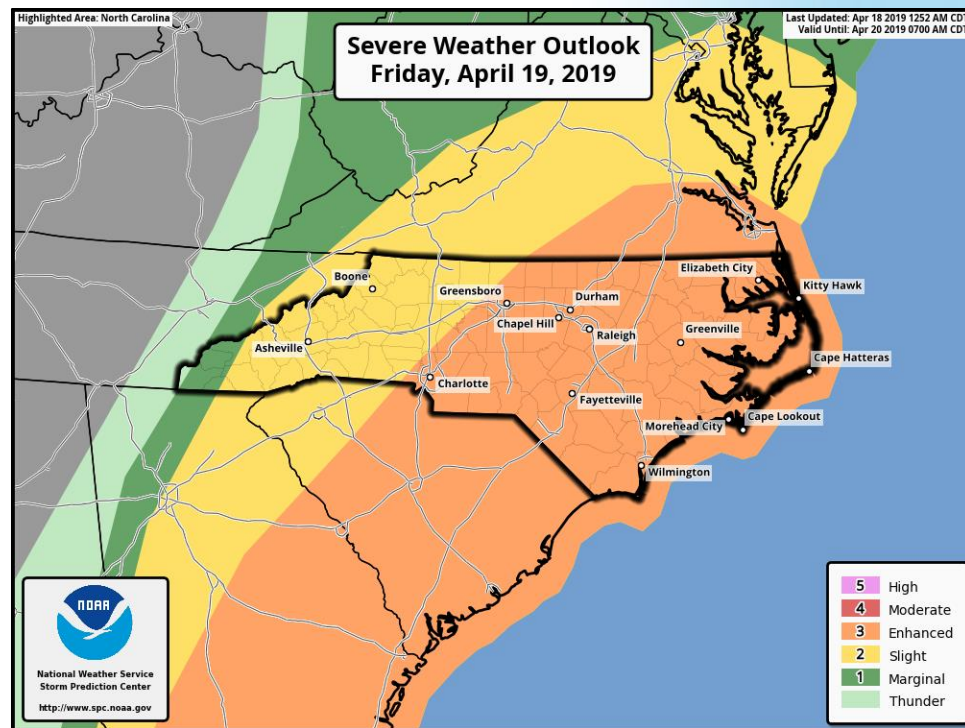
# Enhanced Risk for Severe Storms on Friday

**Decision Support Briefing # 1**  
**As of: 6 AM Thursday, April 18th**








**What Has Changed?**

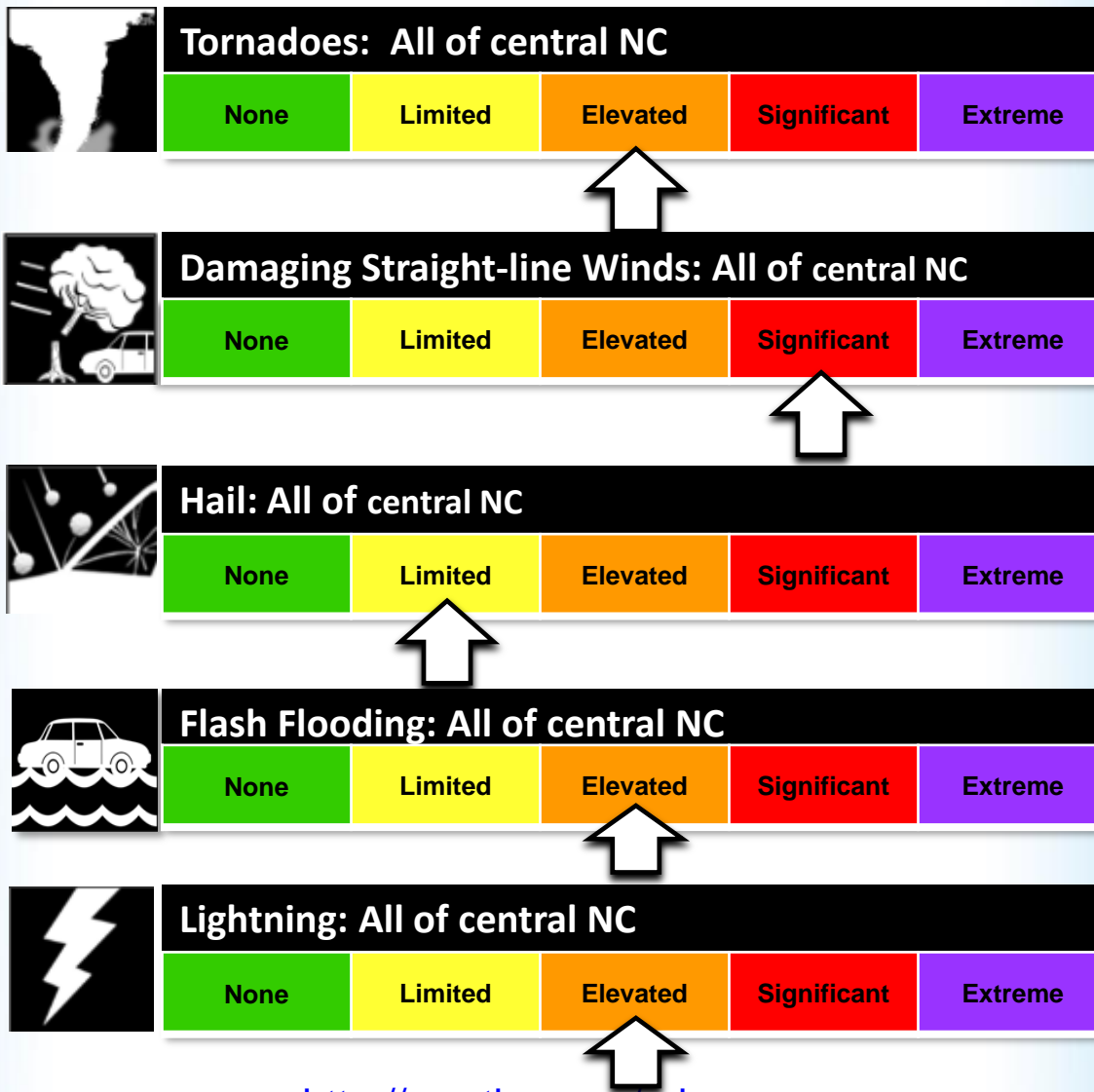
✓ Initial Briefing



## Main Points

Hazard	Impacts	Timing	Location
<b>Wind</b> 	Scattered to numerous downed trees and powerlines, and isolated structural damage associated with the strongest storms.	Early afternoon through late in the evening	All of central North Carolina
<b>Tornadoes</b> 	Isolated tornadoes possible.	Early afternoon through late in the evening	All of central North Carolina
<b>Hail</b> 	Hail up to quarter size possible.	Early afternoon through late in the evening	All of central North Carolina
<b>Lightning</b> 	Deadly cloud-to-ground lighting is expected.	Early afternoon through late in the evening	All of central North Carolina
<b>Flooding</b> 	Flash Flooding will be possible where storms train across a given area near the stationary front.	Early afternoon through late in the evening	All of central North Carolina

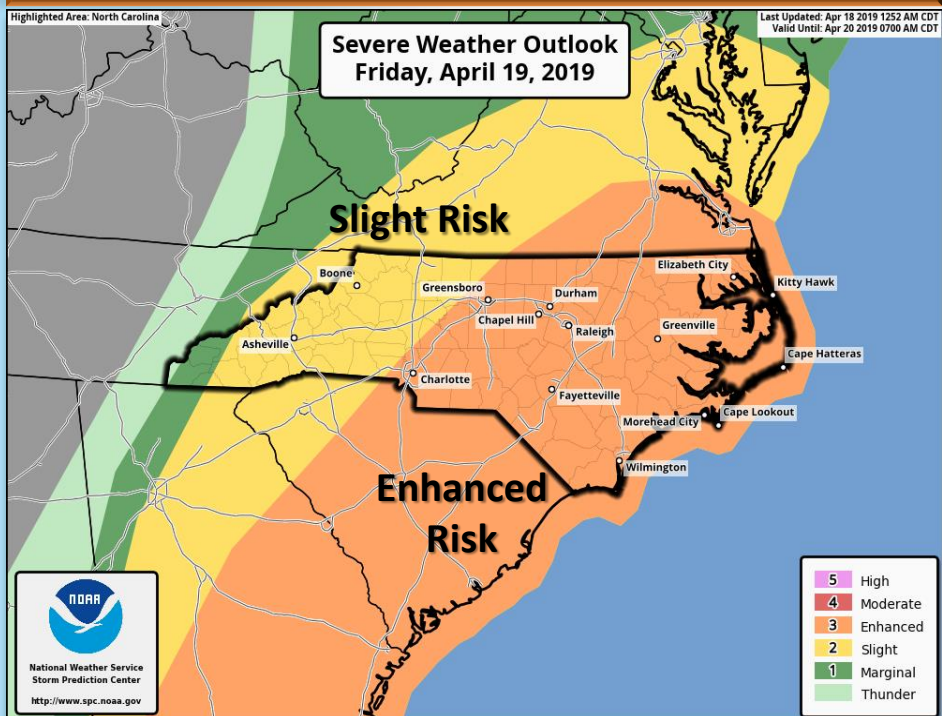
# Summary of Greatest Impacts



# Severe Weather Outlook



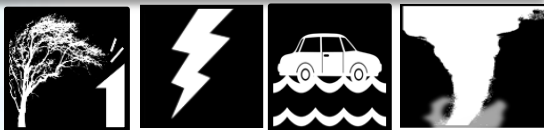
## Severe Risk Area



## What to Expect

- Strong thunderstorms developing along and ahead of a powerful low pressure system will impact central NC on Friday.
- Timing: *Late morning through the evening.*
- Locations: All of Central North Carolina.
- Some of the stronger storms could produce damaging wind gusts, flash flooding, a few tornadoes and hail.

## HAZARDS:



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

 Low Impact
  Dangerous
  Deadly

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



# Timing of Severe Weather on Friday





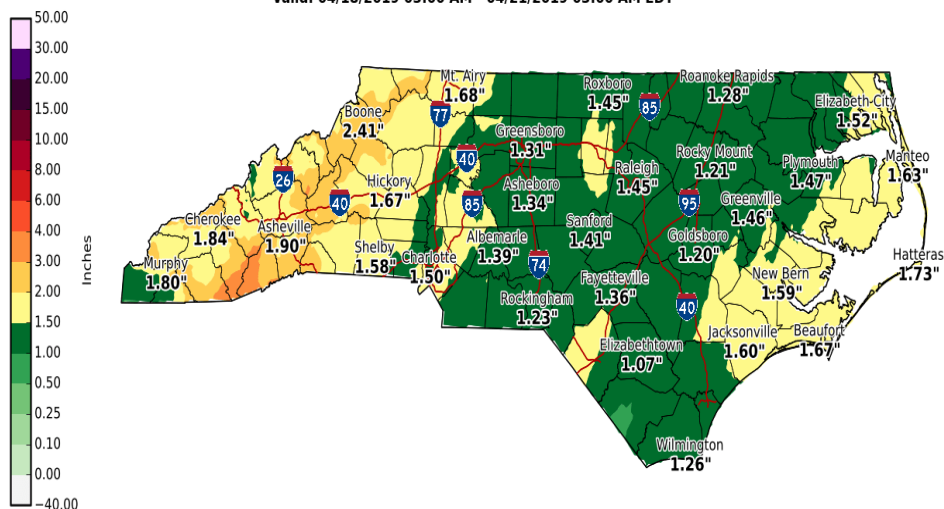
# Flash Flood Threat



## Precipitation Forecast

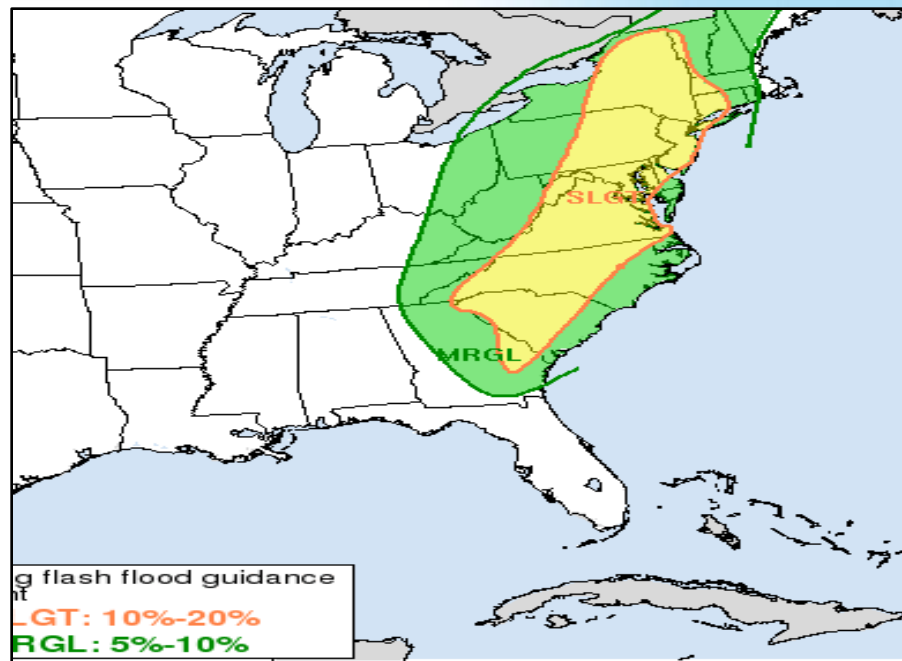
## Flash Flood Threat

**72 hr Rainfall Totals**  
Valid: 04/18/2019 03:00 AM - 04/21/2019 03:00 AM EDT



National Weather Service  
North Carolina NWS Offices  
04/18/2019 03:11 AM EDT

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Due to recent heavy rains over the past week, river and streams are running high and soils are still wet. Additional heavy rainfall of 1 to 1.5" on Friday will result in a slight risk of flash flooding across much of central NC.



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# Event Summary

## Enhanced Risk for Severe Storms Friday

- ✓ Confidence is moderate to high for this event.
- ✓ Period of greatest impact: Early Friday afternoon through Friday evening.



Damaging winds possible area-wide.



Heavy rainfall of 1 to 1.5 inches will bring a threat of flash flooding, especially in urban and low-lying areas.



Isolated tornado possible area-wide.



Quarter size hail possible area-wide.



# Contact and Next Briefing Information



## Next Briefing

**When:** By 5 PM on 4/18/2019

**Method:** E-mail



## Briefing Webpage:

<http://www.weather.gov/media/rah/briefing/NWSRaleighLatestBriefing.pdf>



**Web:**

<http://weather.gov/rah>



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**Disclaimer:** The information contained within this briefing is time-sensitive, do not use after 4 PM, Thursday, April 18th