

# National Weather Service Greenville-Spartanburg High Impact Weather Briefing Slides





Greenville/Spartanburg

# Severe Thunderstorm and Heavy Rainfall Threat For Tuesday Night and Wednesday

Briefing Created:  
Monday, February 22, 2016  
4:11 PM





# Highlights



Greenville/Spartanburg

- Heavy showers and scattered thunderstorms will affect the region tonight before a lull in the precipitation develops during the day on Tuesday.
- A deep low pressure system developing over Texas tonight will move east over the Lower Mississippi River Valley through Tuesday night.
- Abundant moisture and strong southerly flow will return to the region ahead of the system Tuesday night, with another round of heavy rain likely – especially in southern and eastern mountain locations.
- High winds ahead of this system could impact the higher elevations of the Southern Appalachians Tuesday night through Wednesday morning.
- A strong cold front will sweep across the region from west to east on Wednesday with widespread showers and thunderstorms. Some of these thunderstorms may become severe – especially in locations along and southeast of Interstate 85, as well as along Interstate 77 through the afternoon hours.
- Flash flooding, damaging winds, hail, and isolated tornadoes will be possible with these thunderstorms.



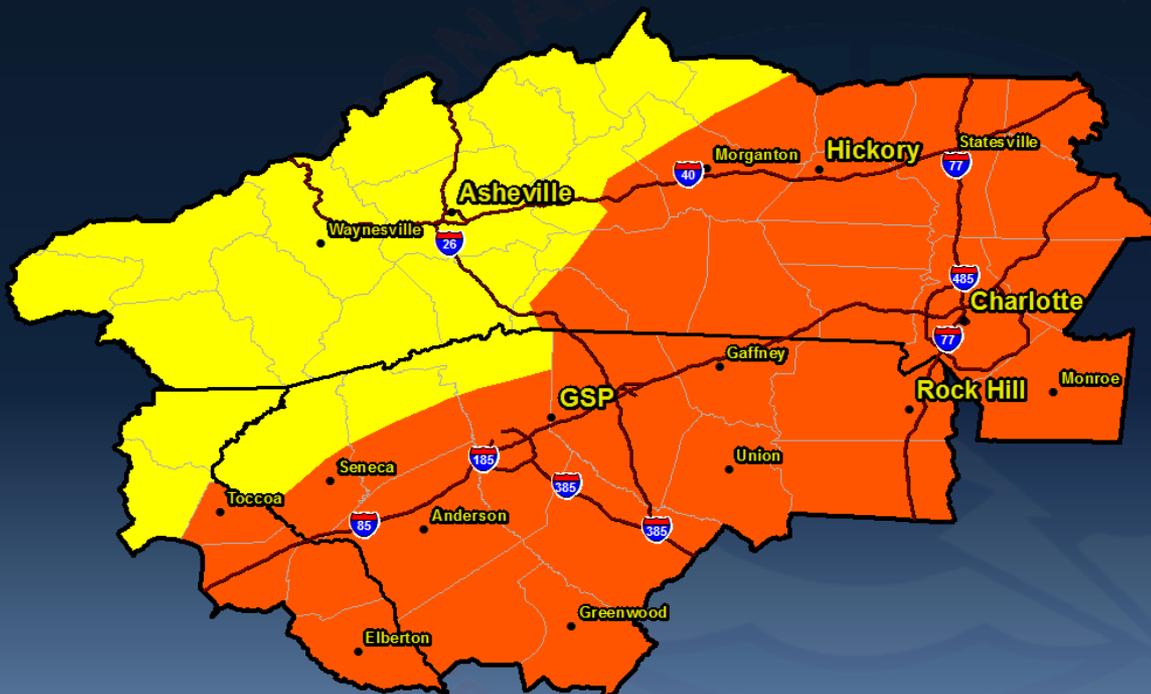
# Hazardous Weather Outlook Day 1



Greenville/Spartanburg

## Hazardous Weather Outlook: Day One...This Afternoon And Tonight.

**Time Issued:** Mon Feb 22, 2016 At 3:47 Pm Est



*\* Rain Showers With Embedded Thunderstorms Will Affect The Region Tonight. Cloud To Ground Lightning Strikes And Locally Heavy Rainfall Can Be Expected With Any Thunderstorms...Which May Continue Well Into The Night. Isolated Flooding Cannot Be Ruled Out In Any Low Lying Or Poor Drainage Areas Repeatedly Affected By Heavy Showers Or Thunderstorms.*

*\* Rain Showers Will Affect The Region Tonight. Locally Heavy Rainfall Can Be Expected With The Heaviest Showers. Isolated Flooding Cannot Be Ruled Out In Any Low Lying Or Poor Drainage Areas Repeatedly Affected By Heavy Showers.*

### Spotter Information Statement:

Spotters Are Asked To Relay Any Reports Of Storm Damage Or Flooding To The National Weather Service.





# Hazardous Weather Outlook Days 2-7



Greenville/Spartanburg

## Hazardous Weather Outlook: Days Two Through Seven...Tuesday Through Sunday.

Issued: Mon Feb 22, 2016 At 3:47 Pm Est

Tuesday (6AM-Midnight)



Wednesday



Thursday



Friday



Saturday



Sunday



### Legend:

**Damaging Winds Possible**   **Severe Thunderstorms Possible**   **Heavy Rain With Flooding Possible**



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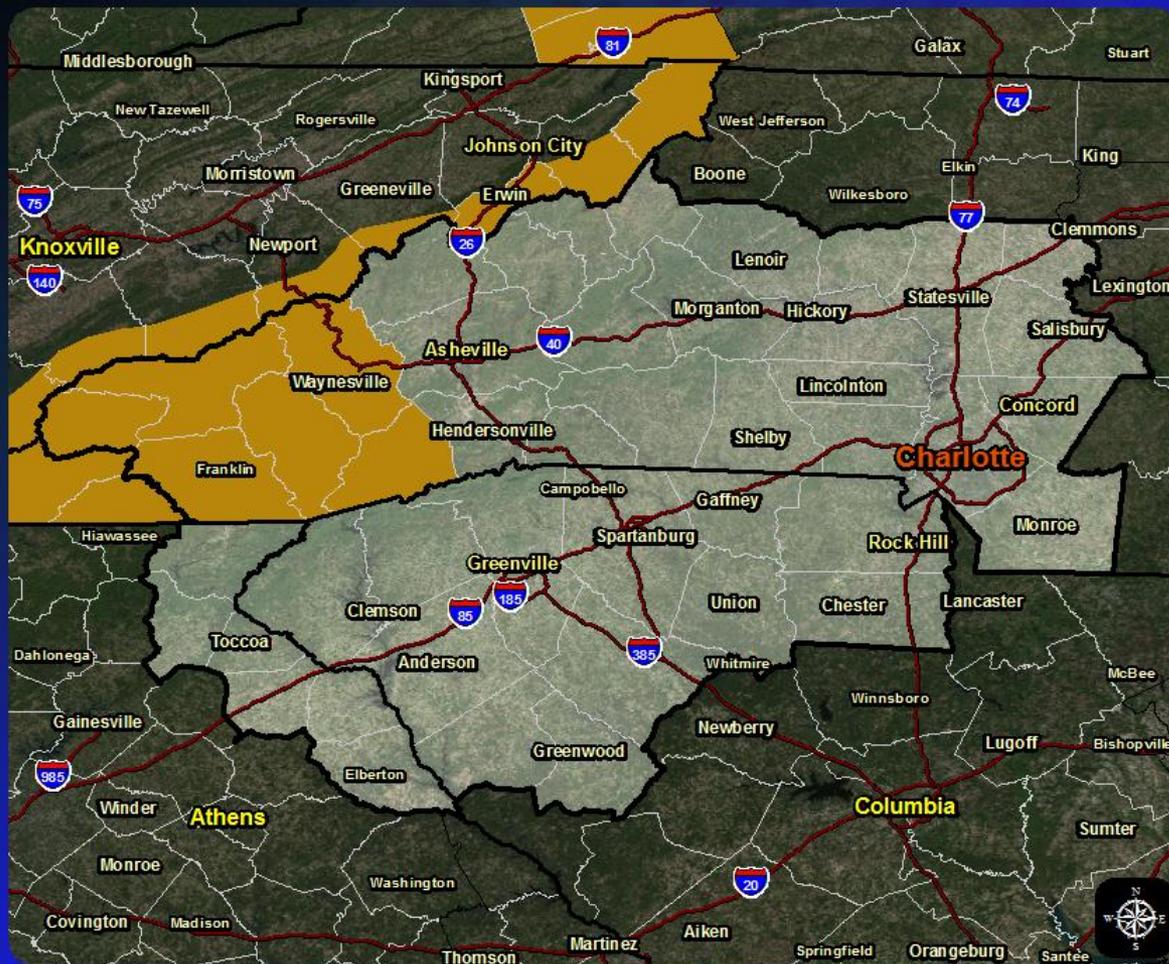


# High Wind Watch



Greenville/Spartanburg

...Strong Winds Possible Over The Higher Elevations Of The Southern North Carolina Mountains Tuesday Night Through Wednesday Morning...



High Wind Watch

- @NWSGSP
- NWSGSP
- NWSGreer



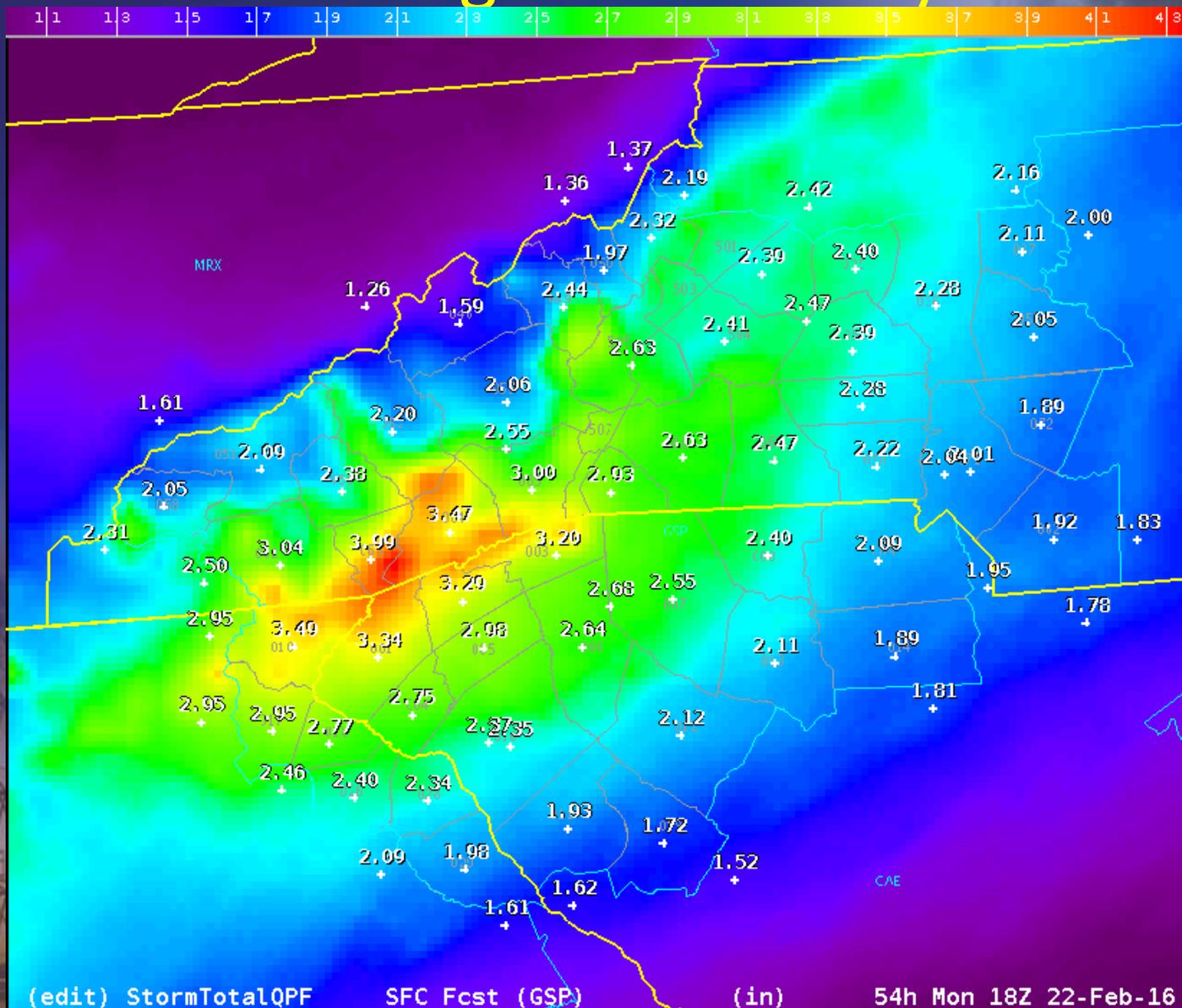
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# Expected Rainfall Totals Through Wednesday



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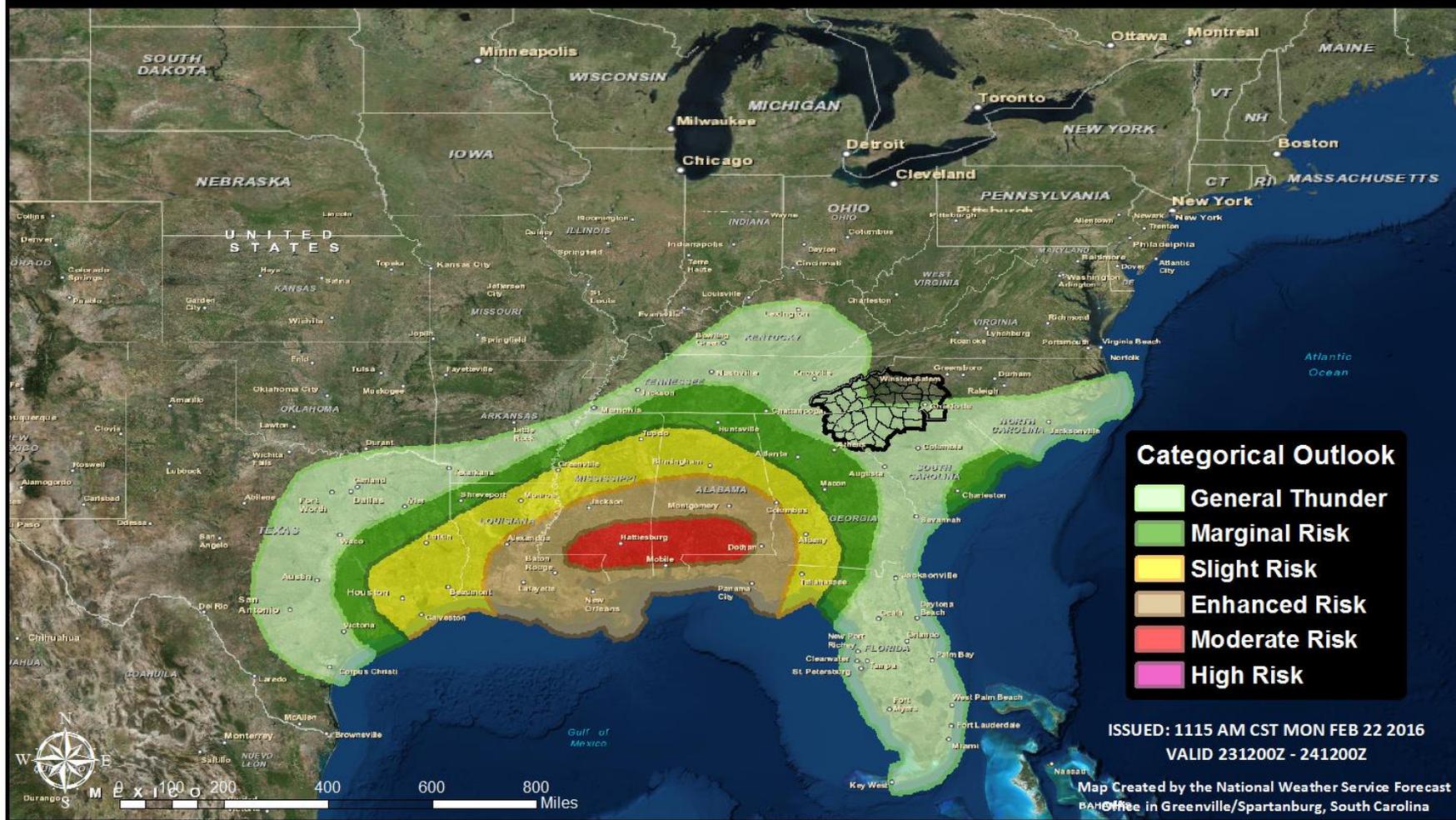


# SPC Day 2 Categorical Outlook



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## Storm Prediction Center Day 2 Convective Outlook East/Central U.S. Sector



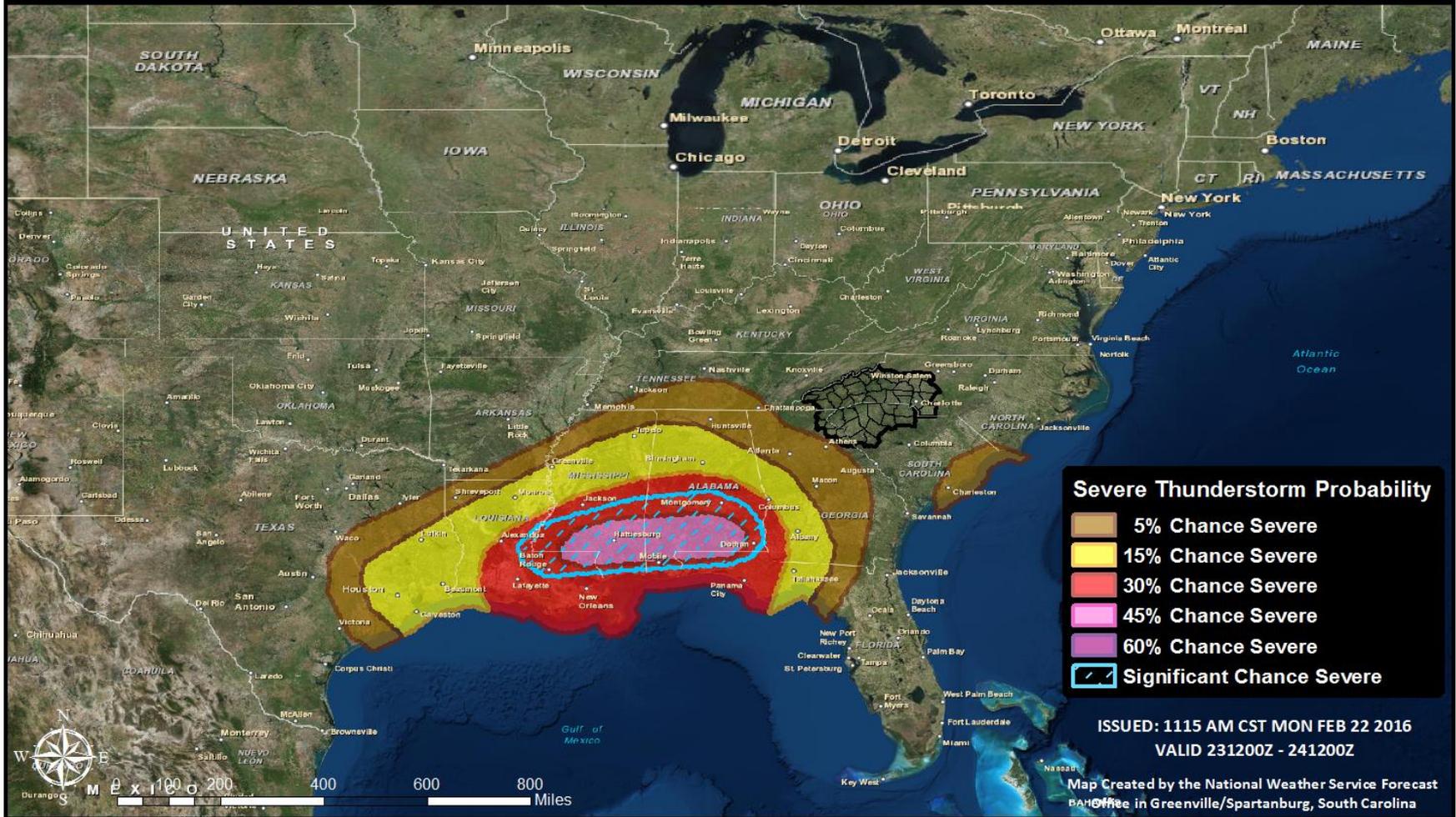


# SPC Day 2 Probability Of Severe Outlook



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## Storm Prediction Center Day 2 Severe Thunderstorm Probability East/Central U.S. Sector



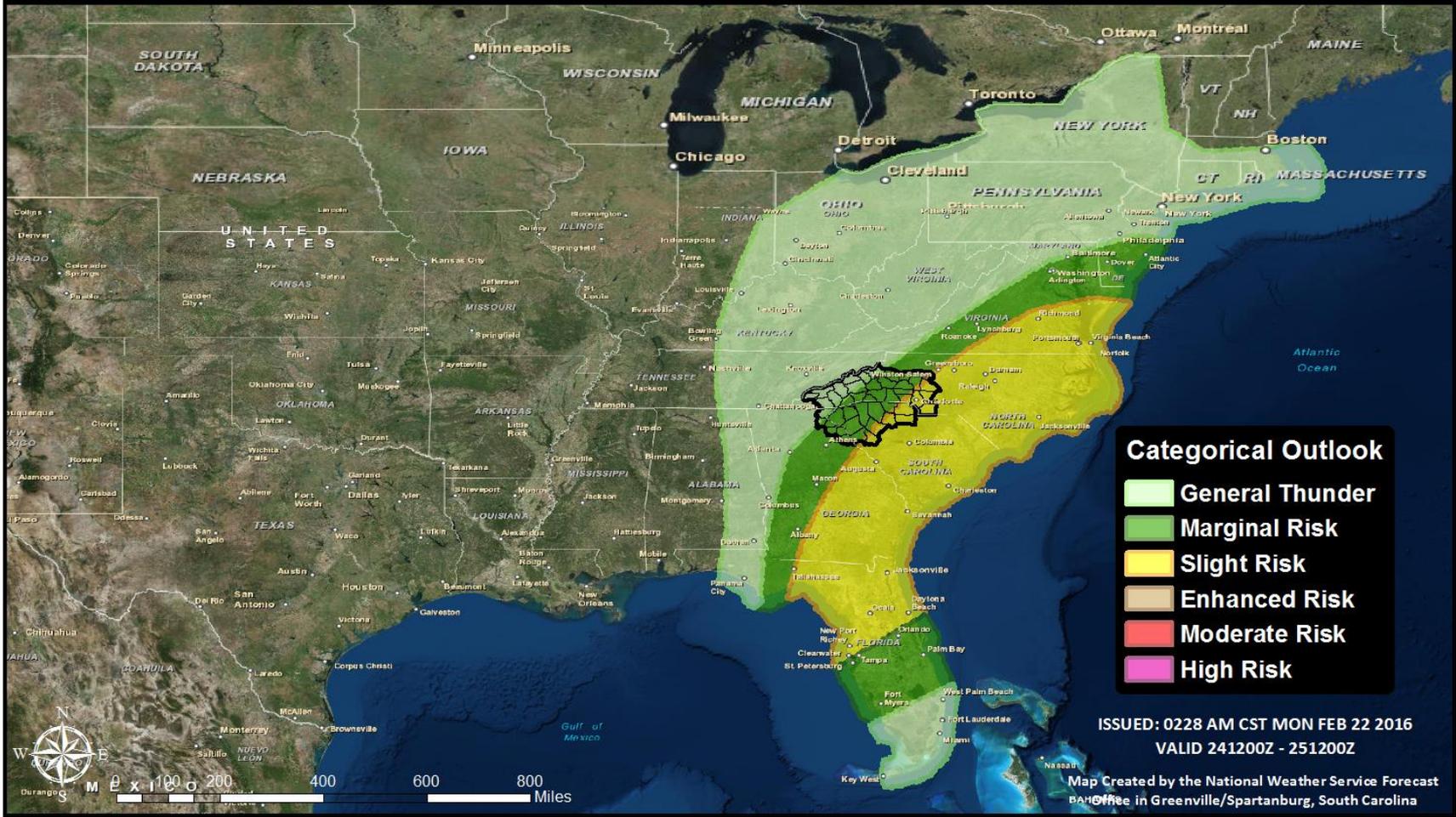


# SPC Day 3 Categorical Outlook



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## Storm Prediction Center Day 3 Convective Outlook East/Central U.S. Sector





# The End



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- Please go to [www.weather.gov/gsp](http://www.weather.gov/gsp) for the latest forecasts.
- These slides are also posted at:  
[www.weather.gov/media/gsp/YouTube/brief.pdf](http://www.weather.gov/media/gsp/YouTube/brief.pdf)

