Main Points



Tornado and Severe Wind Threat on Sunday into Monday

- Severe thunderstorm outbreak likely.
 - For much of the SE US
 - Including All of North and Central GA
- This is Likely to Be a Multiple Round Event
 - Persisting Sunday through Sunday night and into Monday morning.
- Main Impacts:
 - Tornadoes (Strong/long-track tornadoes possible)
 - Damaging Winds (could down trees/powerlines)
 - Hail
 - Heavy Rain (localized flooding possible)



Potential Watches



Tornadoes

Tornado Watch AND/OR Severe Thunderstorm Watch Likely Sunday afternoon into Monday Morning

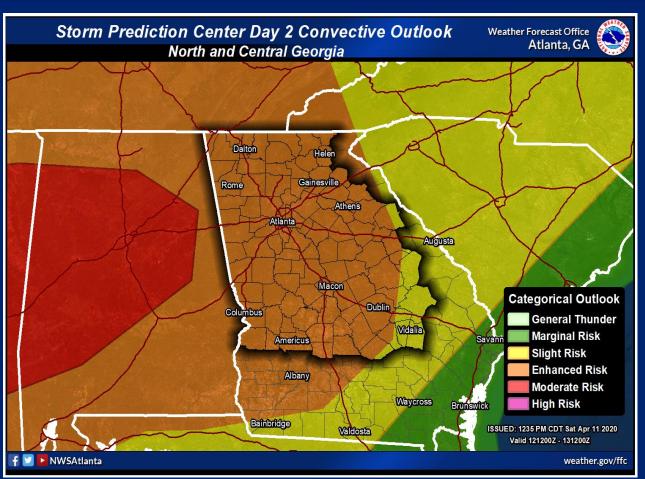
Flooding

Potential for a Flash Flood Watch Sunday (N and NE GA)

SPC Outlook - Sunday



Subject to change w/ later forecasts

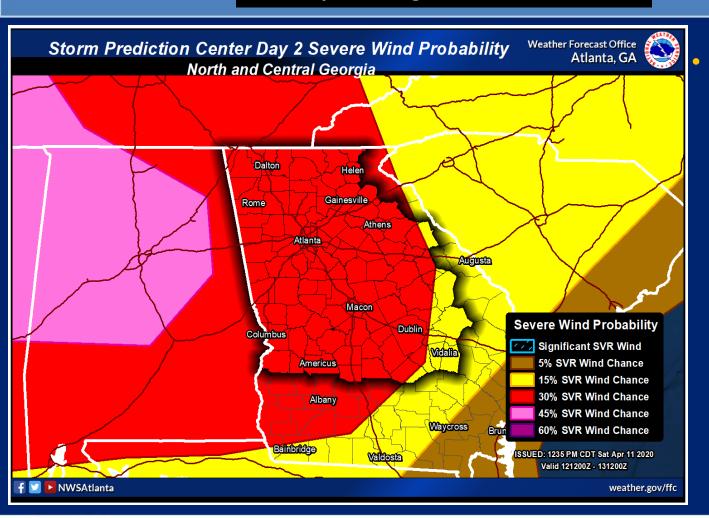


- Enhanced Risk (level 3) over NW GA
- Slight Risk (level 2) over the rest of E GA
- <u>Timing</u>: Sunday afternoon/evening into early Monday
- Main Threats:
 - Tornadoes
 - Damaging Winds
 - Hail
 - Flash Flooding



SPC Severe Wind Risk Sunday

Likely to change w/ later forecasts

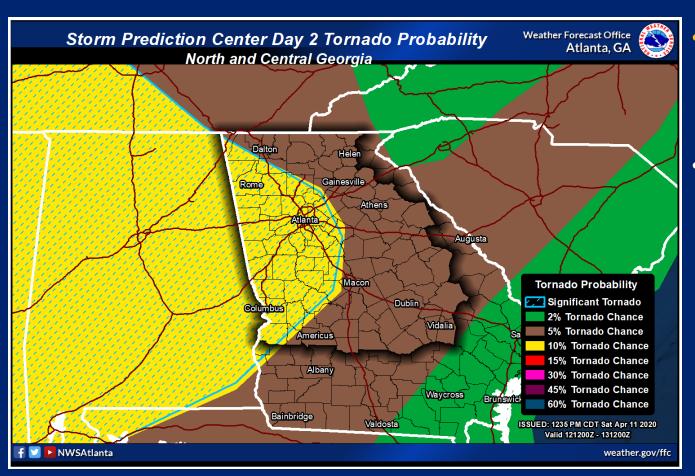


Highest Probability
Over West Central
GA at 30%

SPC Tornado Risk Sunday



Likely to change w/ later forecasts

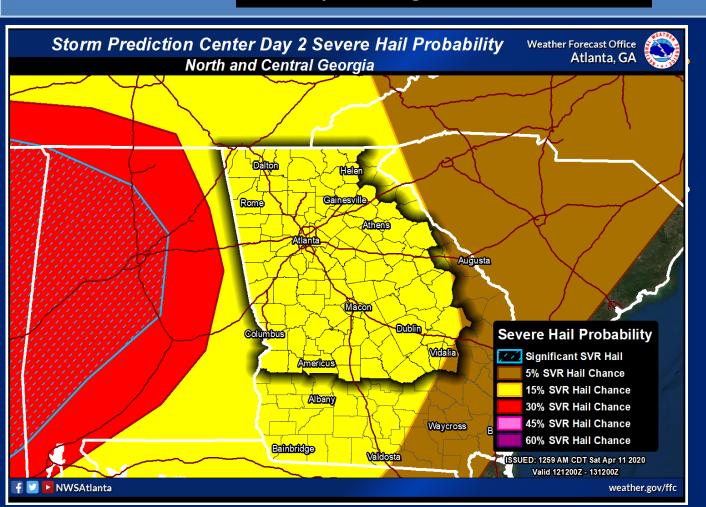


- Highest ProbabilityOver West CentralGA at 10%
- Hatched area is for "significant tornado event"
 - Strong longtrack tornadoes

SPC Hail Risk Sunday



Likely to change w/ later forecasts



Highest Probability
Over Entire Area at
15%

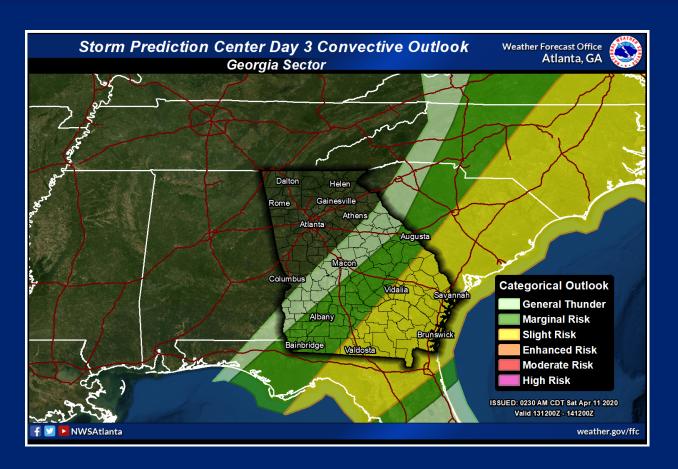
Hatched area is for "significant hail event"

> Looks like the largest of the hail will remain west of the area but up to 1 and a half inch hail still possible.

SPC Outlook - Monday



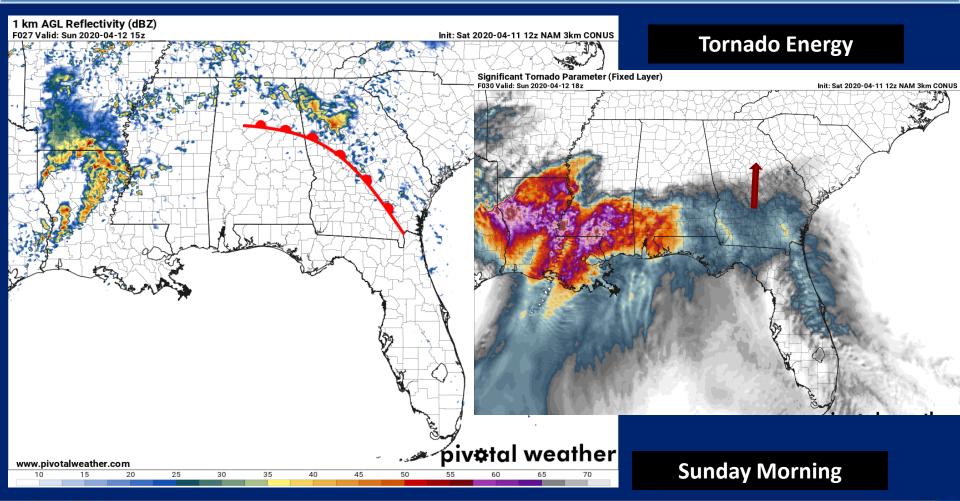
Subject to change w/ later forecasts



- **Slight Risk**
- Timing: early Monday with the system exiting
- **Main Threats:**
 - **Damaging Winds**
 - **Tornadoes**

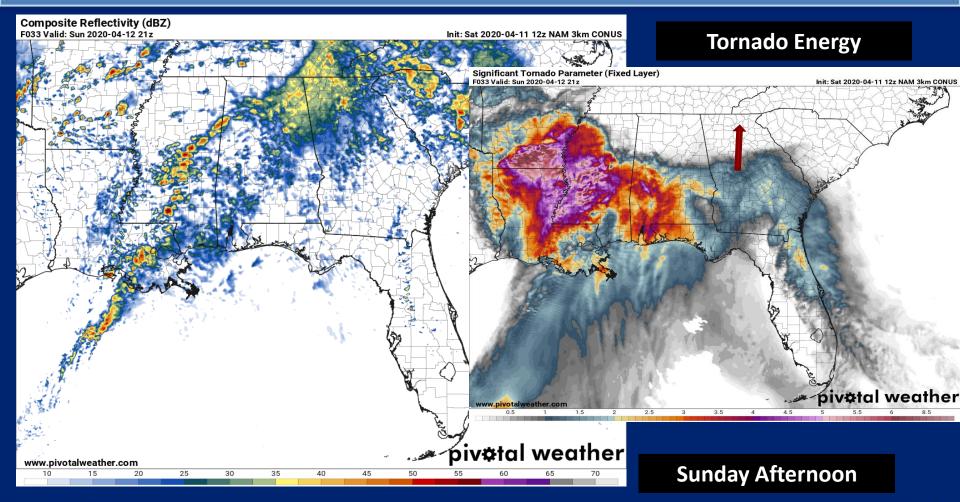








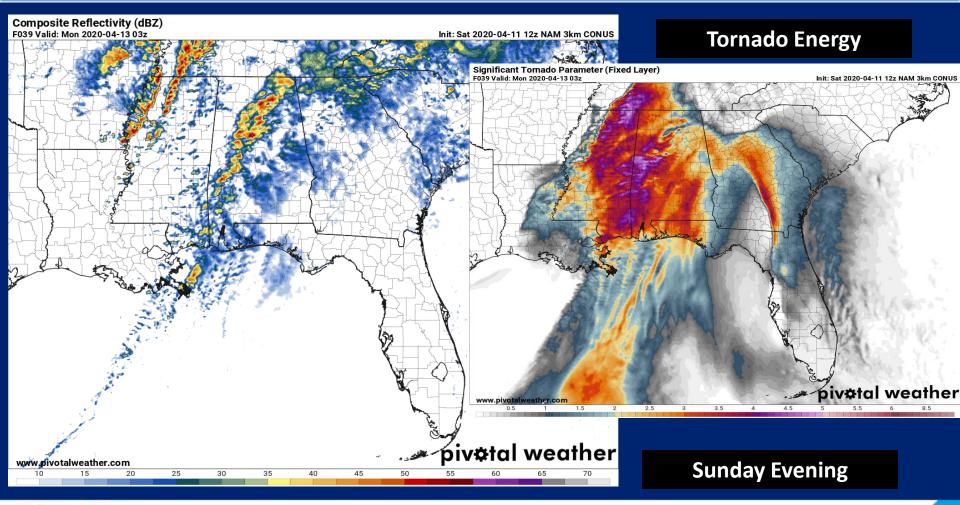
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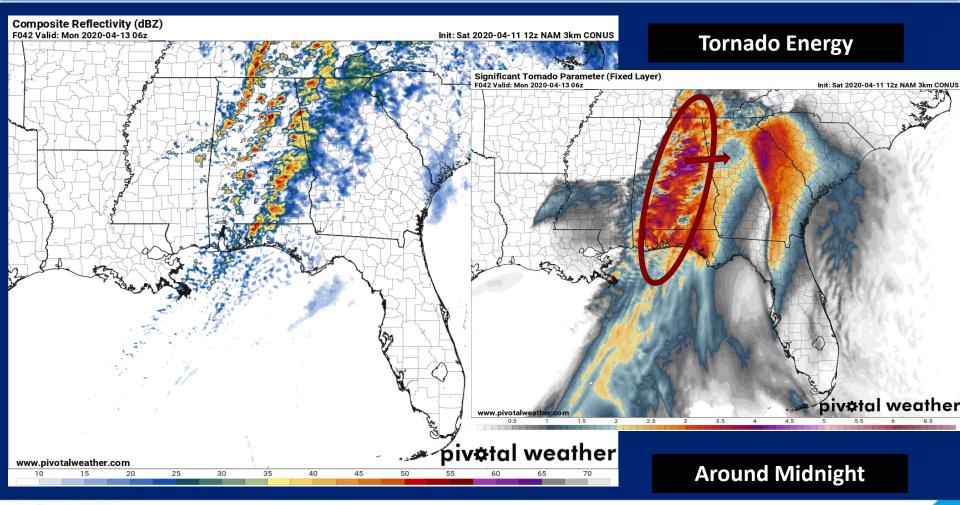








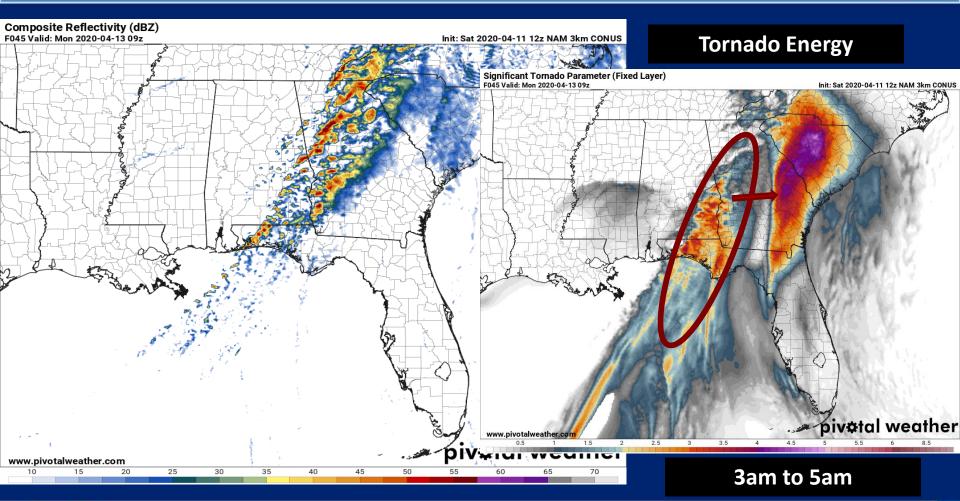






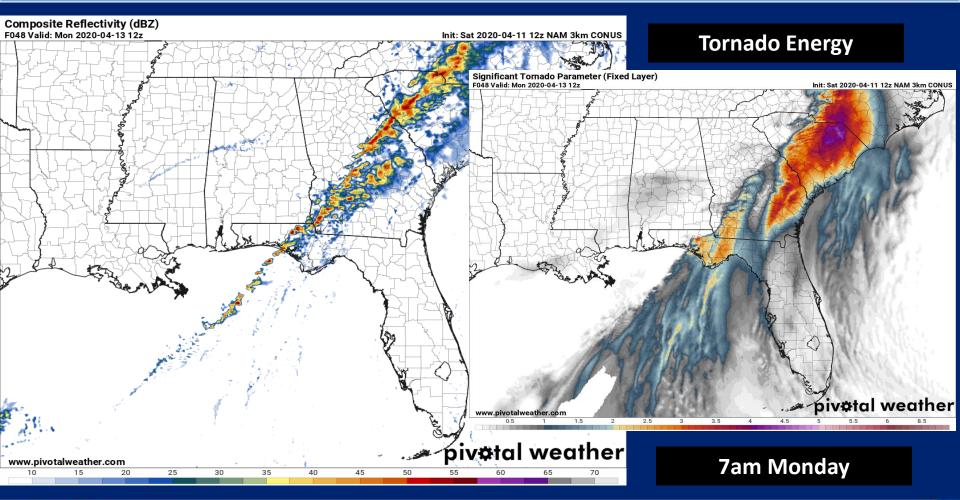








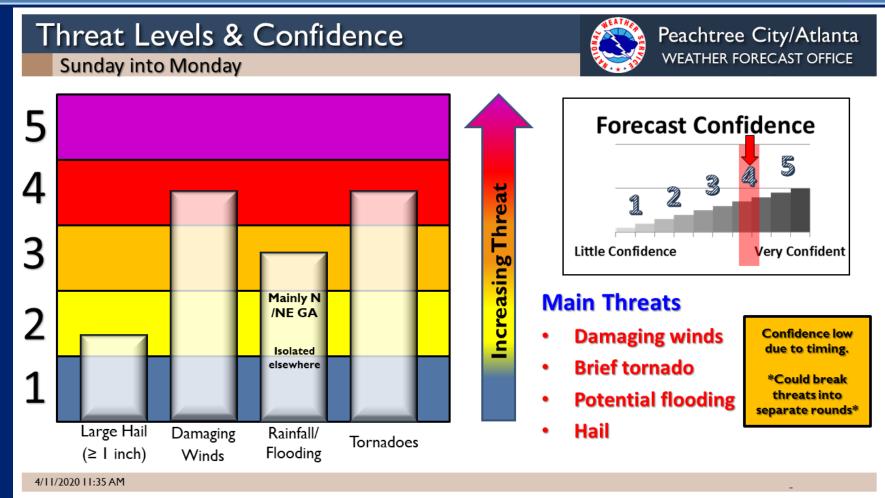






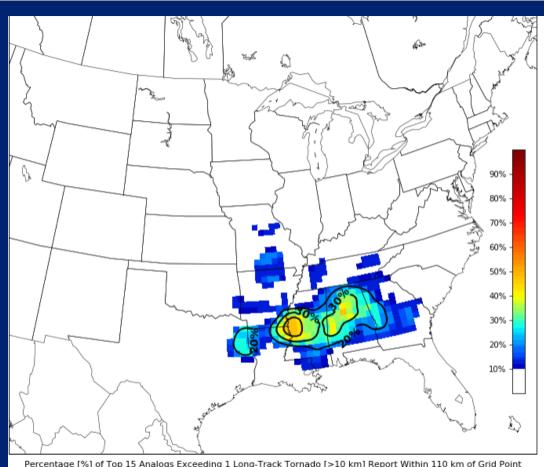
Threat Levels & Confidence





History and Context



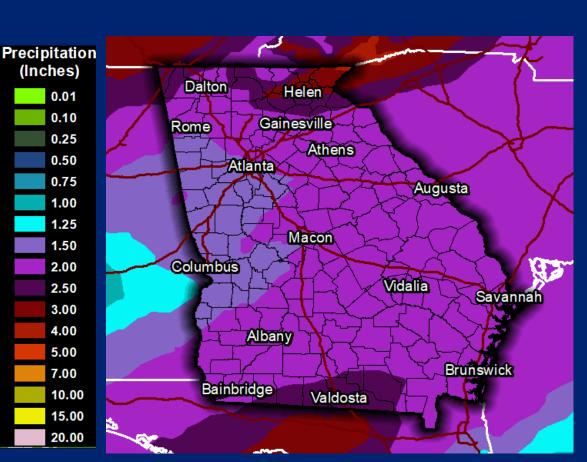


Percentage [%] of Top 15 Analogs Exceeding 1 Long-Track Tornado [>10 km] Report Within 110 km of Grid Point Using NAM212 20200411/1200F036 and Valid at 20200413/0000 on the SE Domain

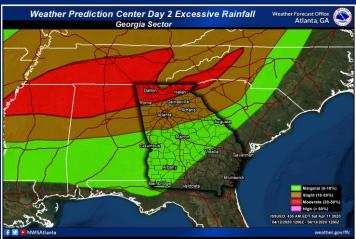
- The 15 most Similar Environments Tell Us An Outbreak Is Likely
- Question Is How Far East Will It Translate.
- Has The Potential To Be In The Top 5 For Most Significant Severe Events In The Last 10 Years
- Last Moderate risk for the area was April 5th, 2017

Rainfall Through Monday Morning





- 1"to 3+" with locally higher amounts possible across N
 GA
- Heaviest period is expected to be late Sunday/early Monday



Summary



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