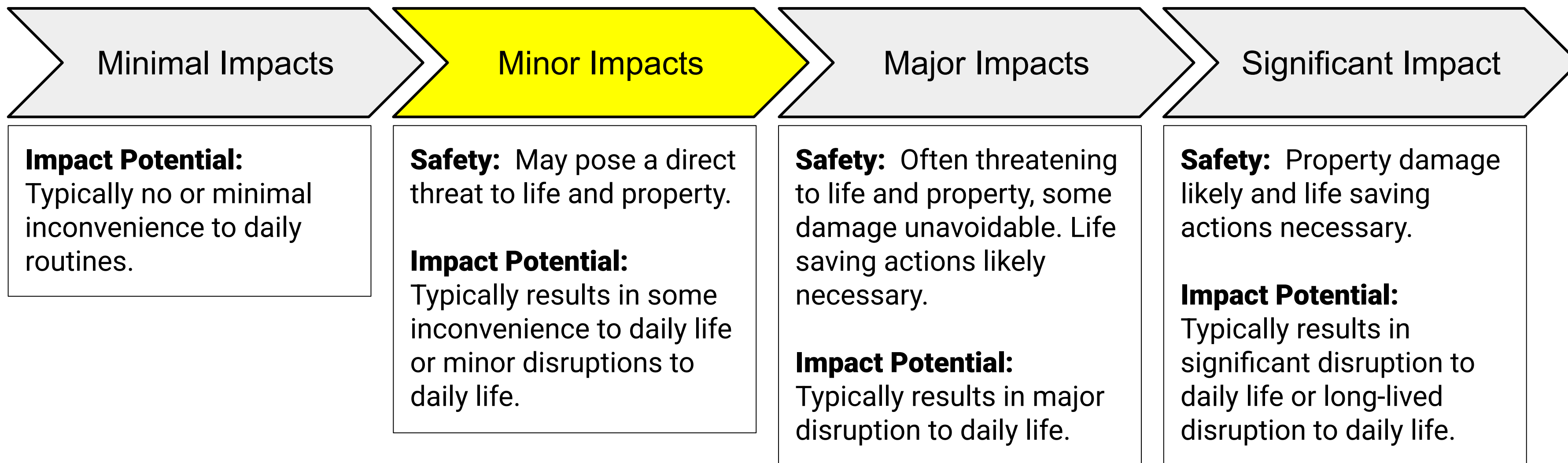




NWS Huntsville: Low-Medium Risk of Severe Storms Thursday

April 30, 2025
12:27 PM

Current Operation Level





Bottom Line Up Front:



- **Thursday:**
 - A low to medium risk of severe weather exists ahead of a cold front forecast to push through the area, bringing the following hazards:
 - Damaging winds (medium confidence), moderate to heavy rainfall (medium confidence), hail (low confidence), and a tornado or two (very low confidence)
- **Friday - Saturday:**
 - A low chance of strong to severe storms exists Friday as the cold front pushes through the area, bringing threats of damaging winds and large hail once again
 - Thunderstorm chances are forecast to linger into Saturday, however, severe weather is not forecast Saturday



Severe Weather Outlook

April 30, 2025
12:27 PM

WHAT



WIND

Gusts 60 mph or greater

LOW HIGH

Confidence level



TORNADO

A tornado or two

LOW HIGH

Confidence level



HAIL

Hail 1" or greater

LOW HIGH

Confidence level

WHEN

3 to 10 PM Thursday

WHAT TO DO

- Review your severe weather action plan
- Have multiple ways to receive warnings

Outlook Legend



MARGINAL

Limited in duration, coverage, and/or intensity



SLIGHT

Short-lived and/or not widespread, isolated intense storms possible



ENHANCED

More persistent and/or widespread, a few intense storms



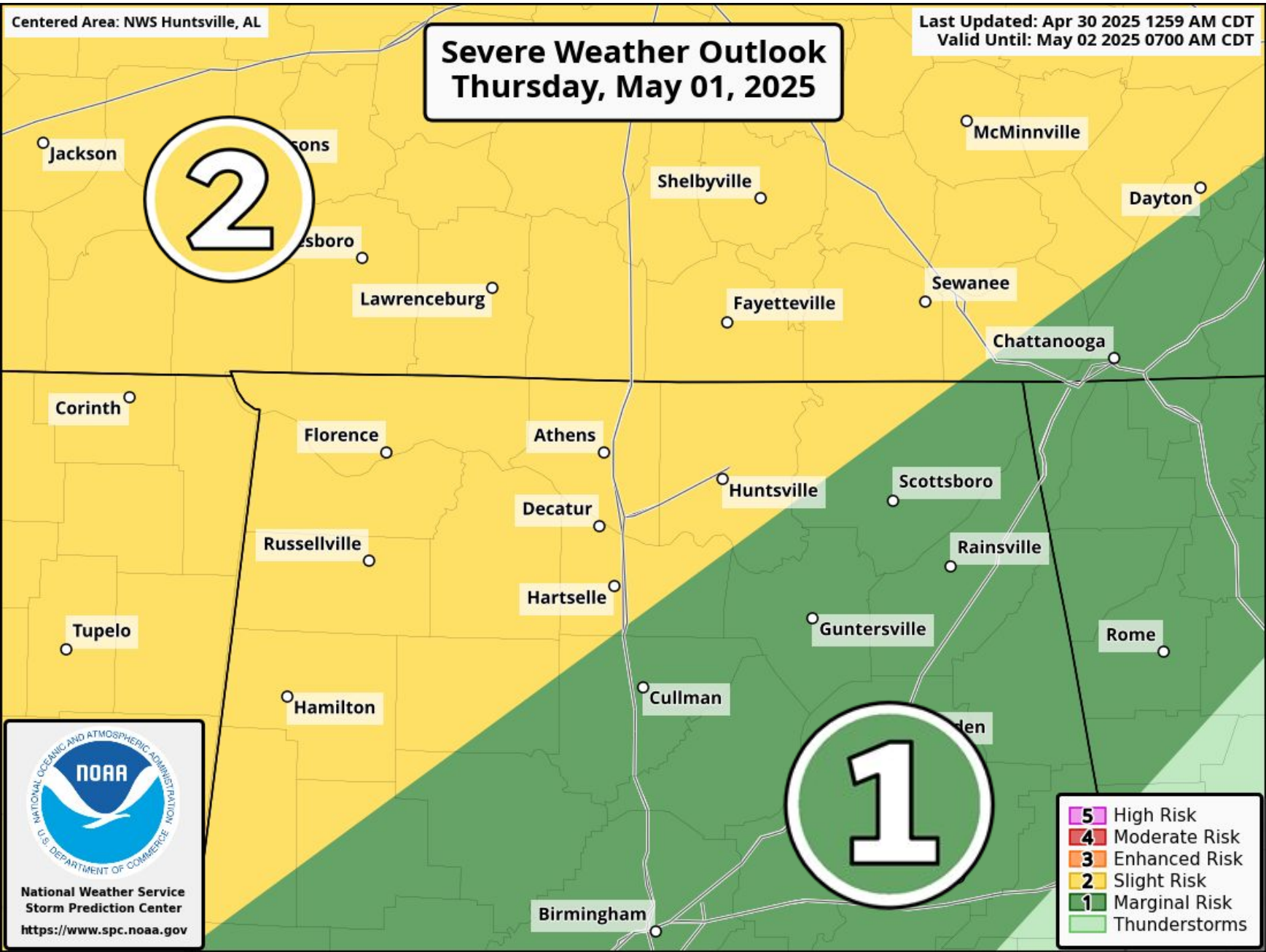
MODERATE

Long-lived, widespread and intense



HIGH

Long-lived, very widespread and particularly intense



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Huntsville, AL



Severe Timing Details

April 30, 2025
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1

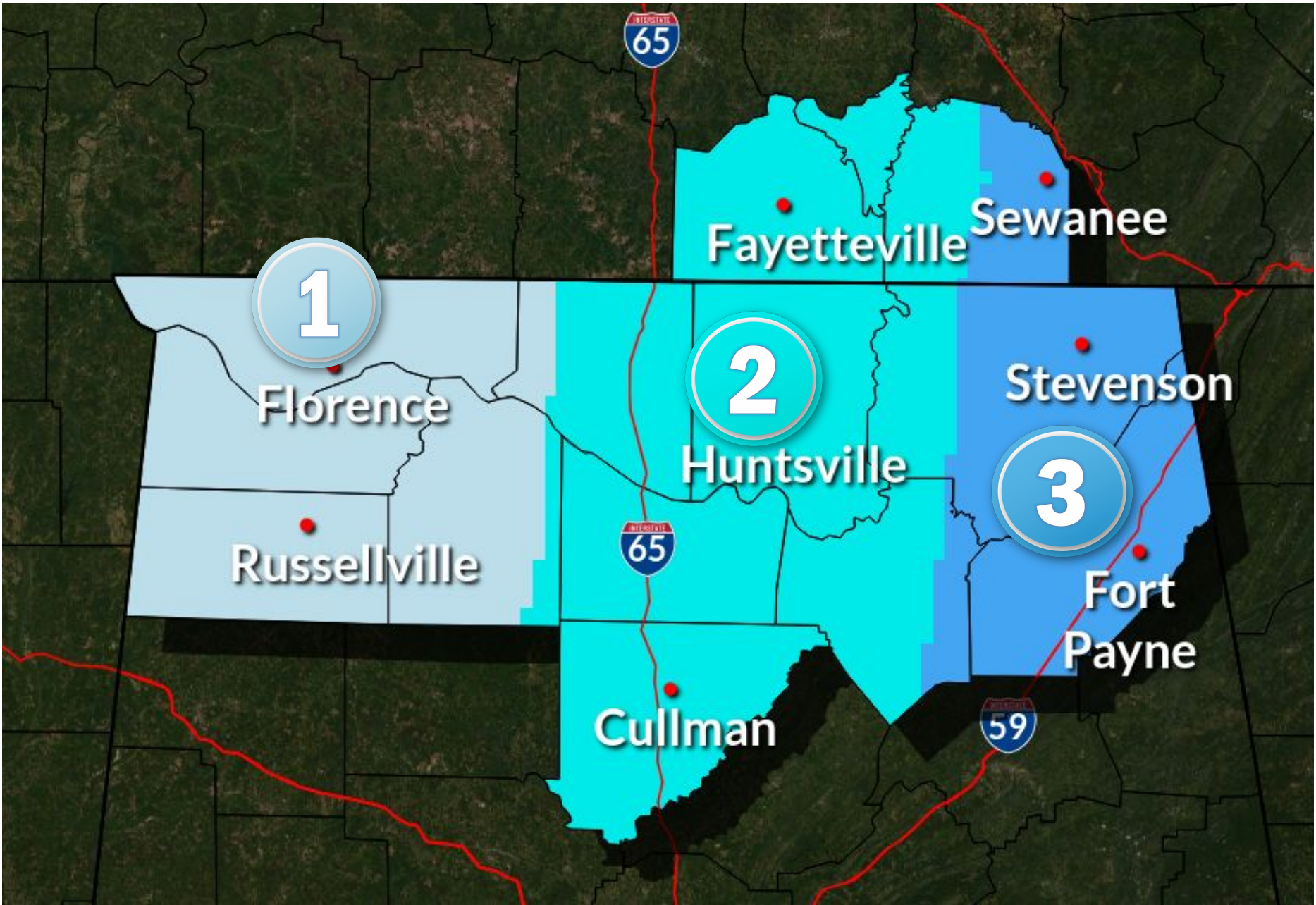
Earliest Start	1 PM
Most Likely	3 PM - 6 PM
Latest End	7 PM

2

Earliest Start	4 PM
Most Likely	5 PM - 8 PM
Latest End	9 PM

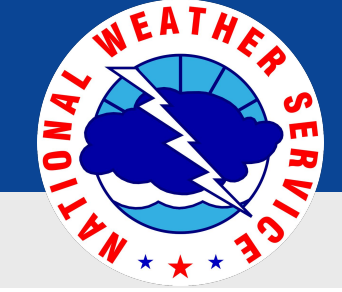
3

Earliest Start	6 PM
Most Likely	7 PM - 10 PM
Latest End	11 PM



Timing of Severe Storms Thursday
(Low Confidence)





Important Forecast Information

April 30, 2025
12:27 PM

What We are Watching

- **Shower development ahead of the main severe threat:**
 - If we have a showers and enough cloud cover in the morning, this may limit available energy for storms to work with in the afternoon-evening hours and decrease our severe threat





Key Points

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Hazards:

- Damaging winds
- Hail
- Moderate to heavy rainfall
- A tornado or two



Areas Impacted:

- All of northern AL and southern middle TN



Timing & Duration:

- 3 PM - 10 PM Thursday



Impacts:

- Downed trees
- Power outages



Confidence:

- Hazards: Medium
- Timing: Low to Medium



Next Update:

- 7 AM Thursday email
- **10AM Weekly Briefing will serve as Partner Briefing**



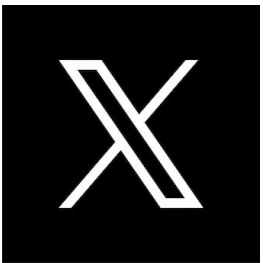


Preparedness Information

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For more information about this event, please monitor our office webpage page here:

<https://www.weather.gov/hun/>

