



Multiple Rounds of Severe Weather Today

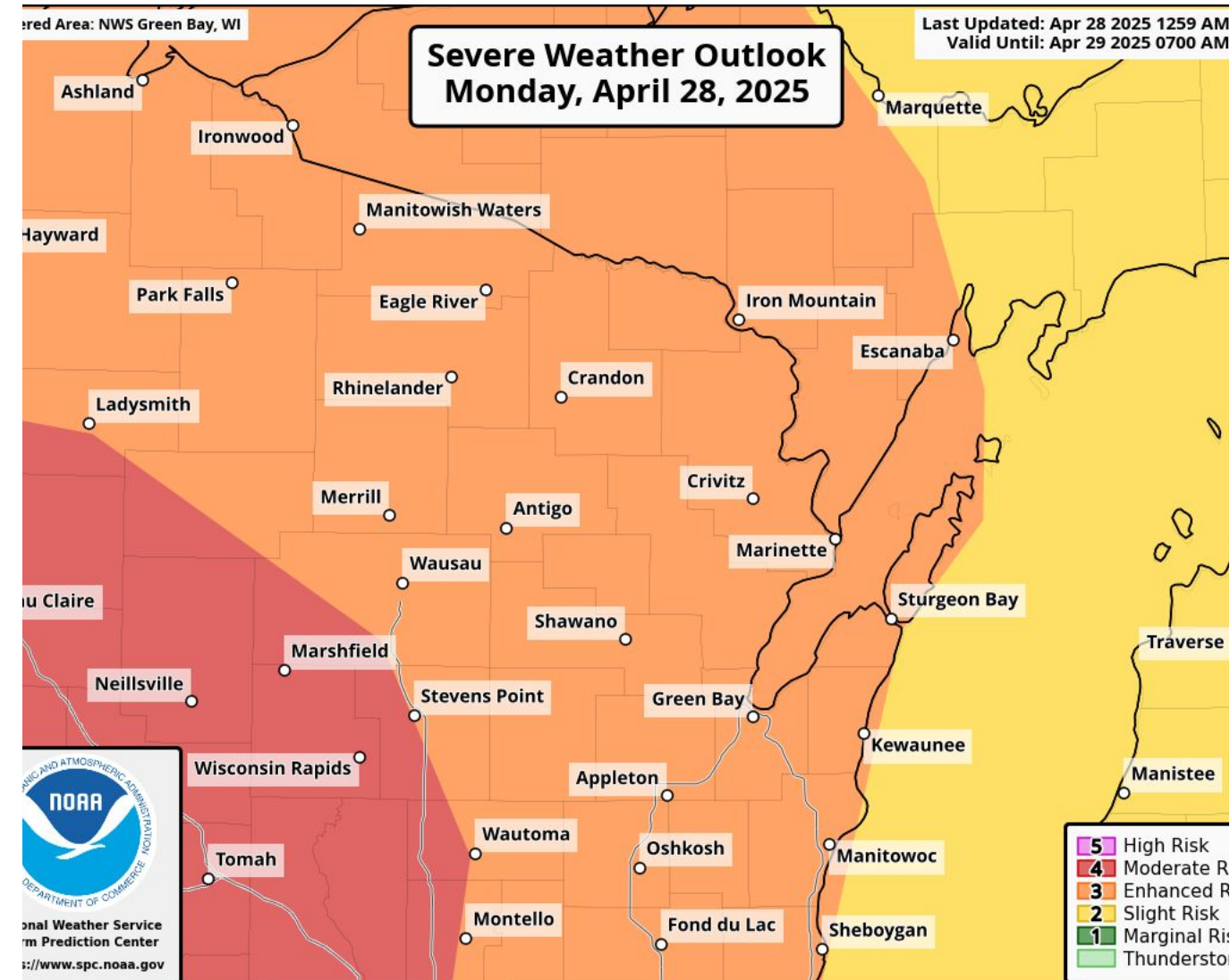
April 28, 2025
5:33 AM

All Severe Weather Hazards Possible

What Has Changed: Minimal changes. Still anticipate a couple rounds of storms with a possible lull in the afternoon. Severe threat in the morning remains limited to hail while all severe types will be possible later on.

Key Messages

- Multiple rounds of storms today and tonight:
 - ◆ Storms this morning/early afternoon may produce small to marginally severe hail (up to 1") W/N of the Fox Valley.
 - ◆ Isolated/scattered supercell development could occur from mid-afternoon through sunset, especially in NC/C WI.
 - ◆ Squall line with embedded tornadoes this evening into the early overnight hours.
 - Nighttime event which may make it more dangerous.
- **Hazards** - All severe weather types possible during this event
 - ◆ Tornadoes, possibly strong
 - ◆ Large Hail
 - ◆ Damaging winds
 - ◆ Localized flooding



Uncertainty: Timing of the multiple rounds of storms. Uncertainty regarding whether supercells will form during the lull in the afternoon.



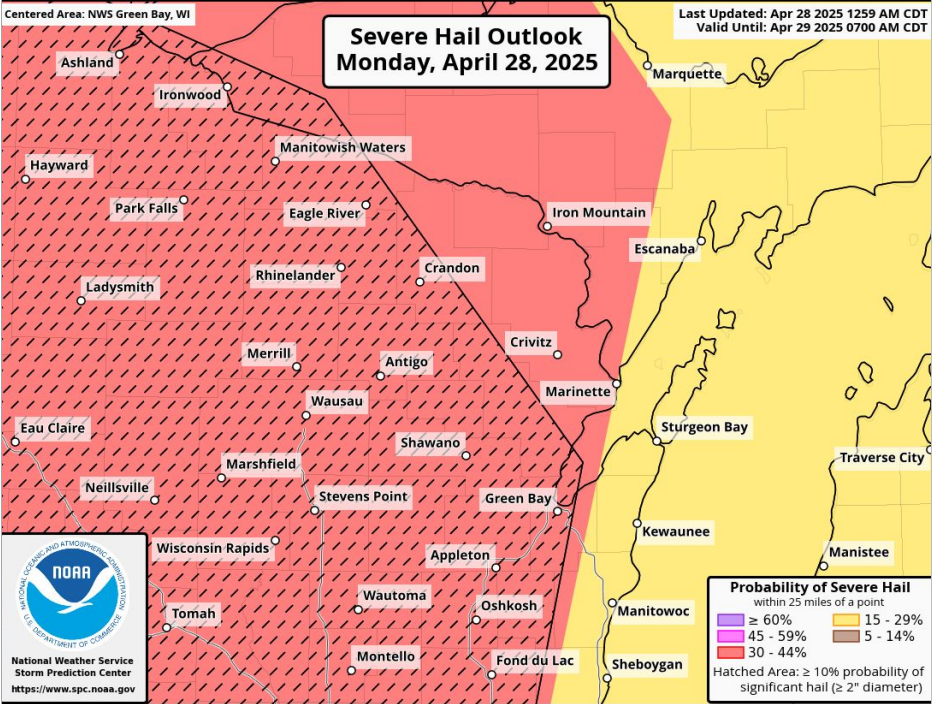


SPC Hazard-Type Outlooks

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Forecast for Monday, April 28th

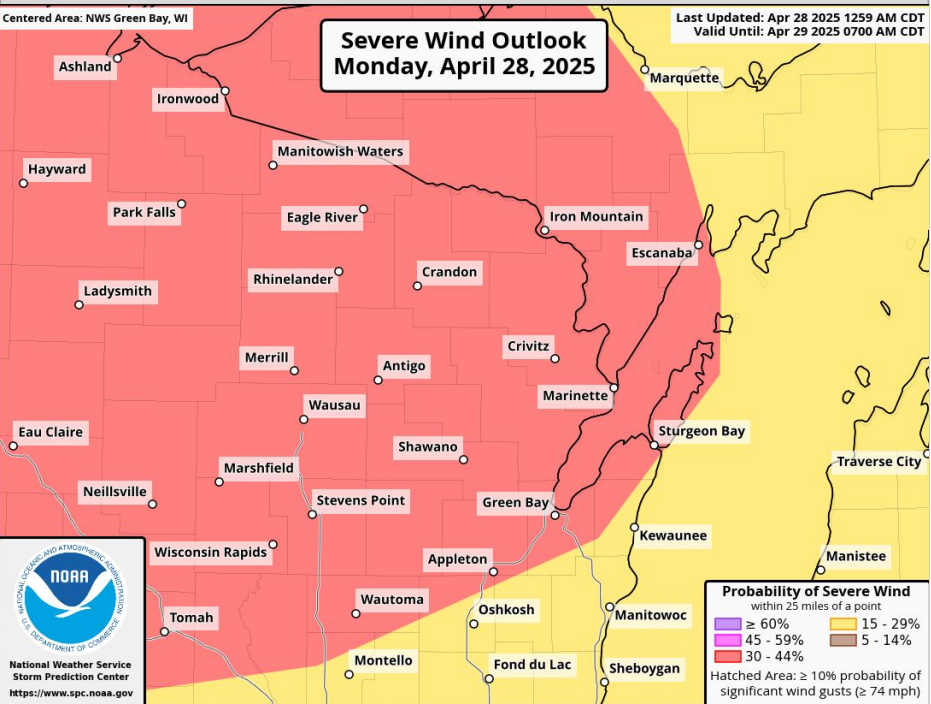
Large Hail



Hazard: Up to Golf Ball Size

Potential Impacts: Damage to vehicles, homes, property. Significant agricultural damage possible. Injury to those caught outside.

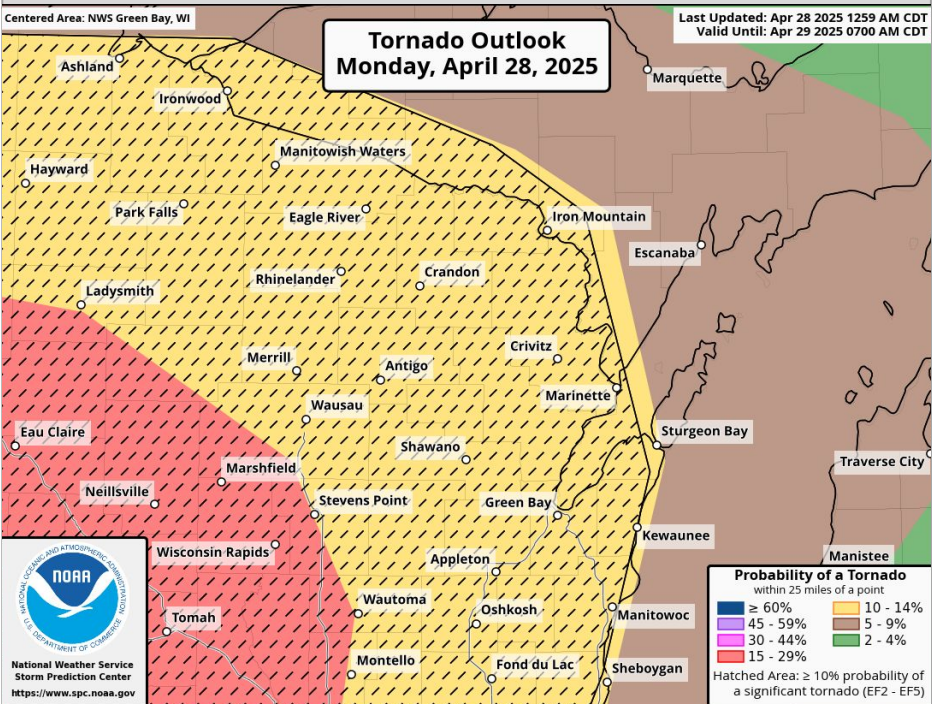
Damaging Winds



Hazard: Up to 70 MPH Winds

Potential Impacts: Tree damage likely, power line damage possible, minor shingle damage possible, outdoor furniture and loose objects blown around, crop damage possible.

Tornado



Hazard: Strong Tornadoes Possible

Potential Impacts: Property damage or destruction.



Storm Timeline

Now - 2 PM

Scattered storms with hail 0.5" to 1" diameter the main hazard (40-60% chance).

2 PM - 7 PM

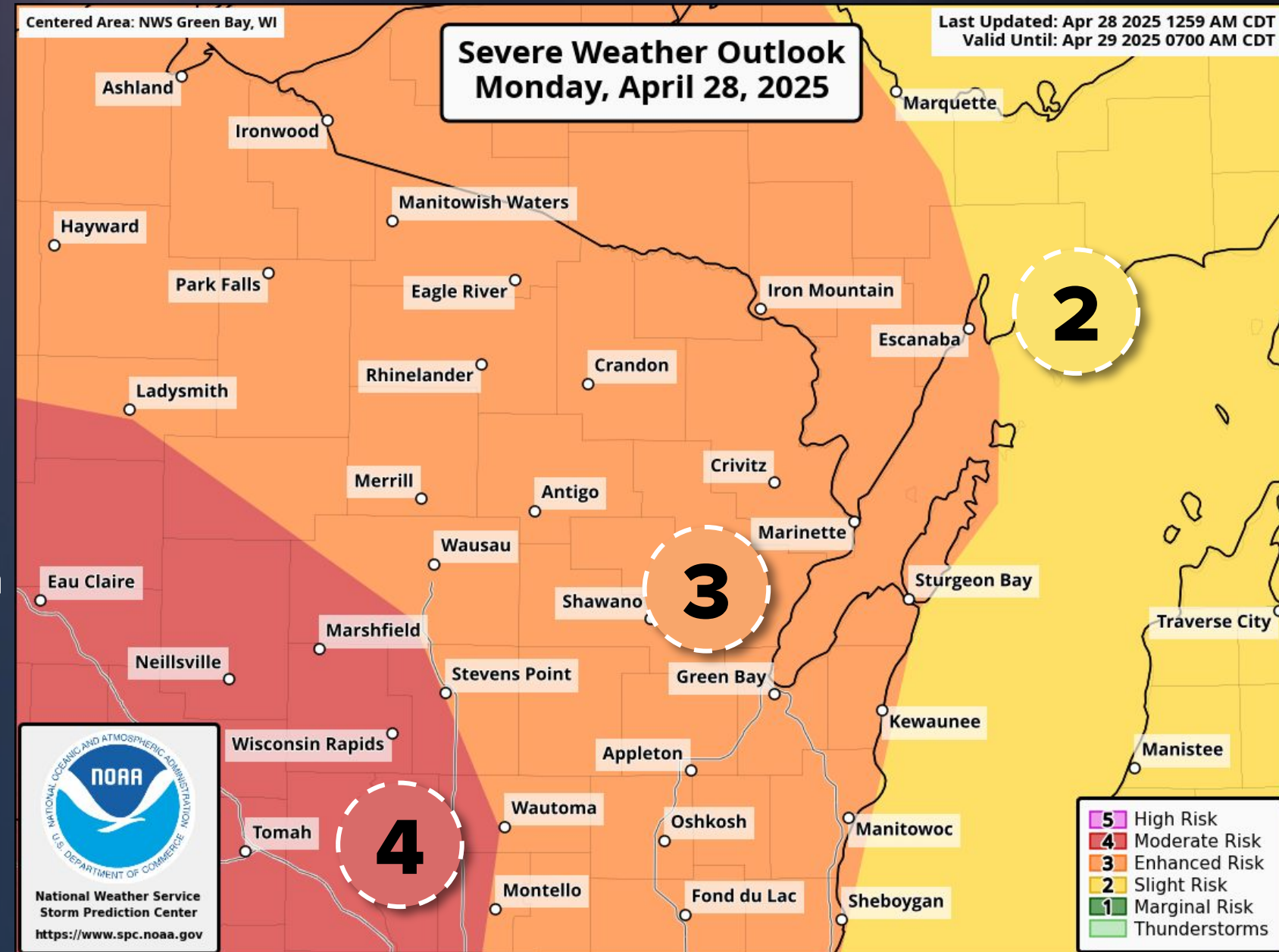
20-30% chance that scattered storms re-develop. IF discrete storms develop, all severe hazards possible, including potentially strong tornadoes.

8 PM - 1 AM

Higher confidence (70-80% chance) for a line of storms arriving from the west. Main hazards would be damaging winds and tornadoes.

Hazards: *All severe types possible*

- ➡ Tornadoes, possibly strong
- ➡ Large hail, up to golfball size
- ➡ Damaging winds
- ➡ Localized flooding



Stay weather aware today, and have **multiple** ways to receive warnings!

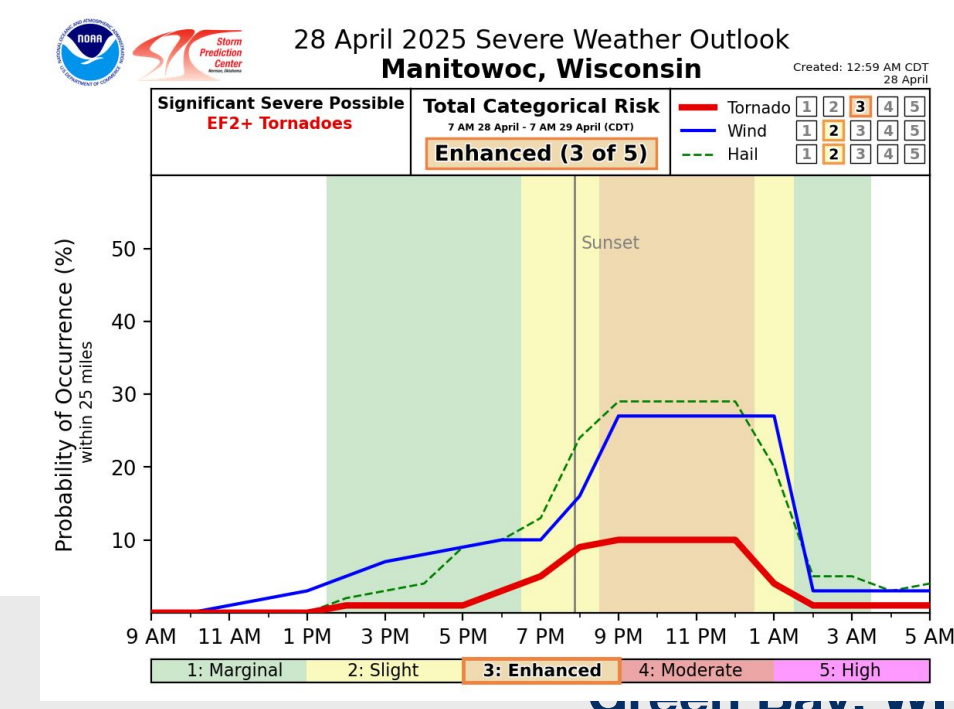
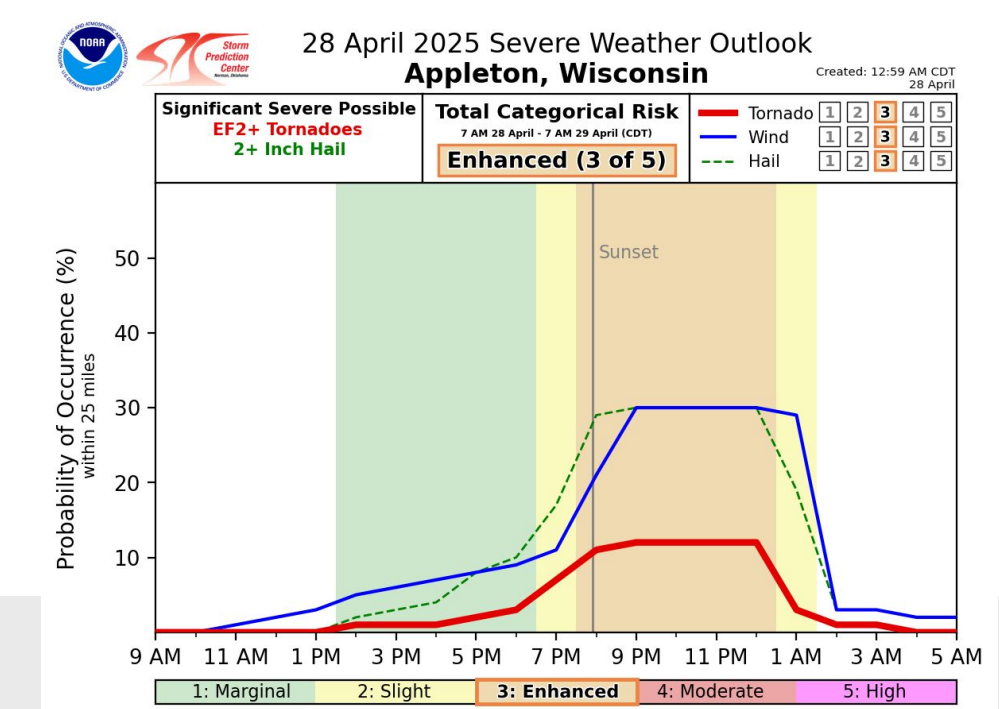
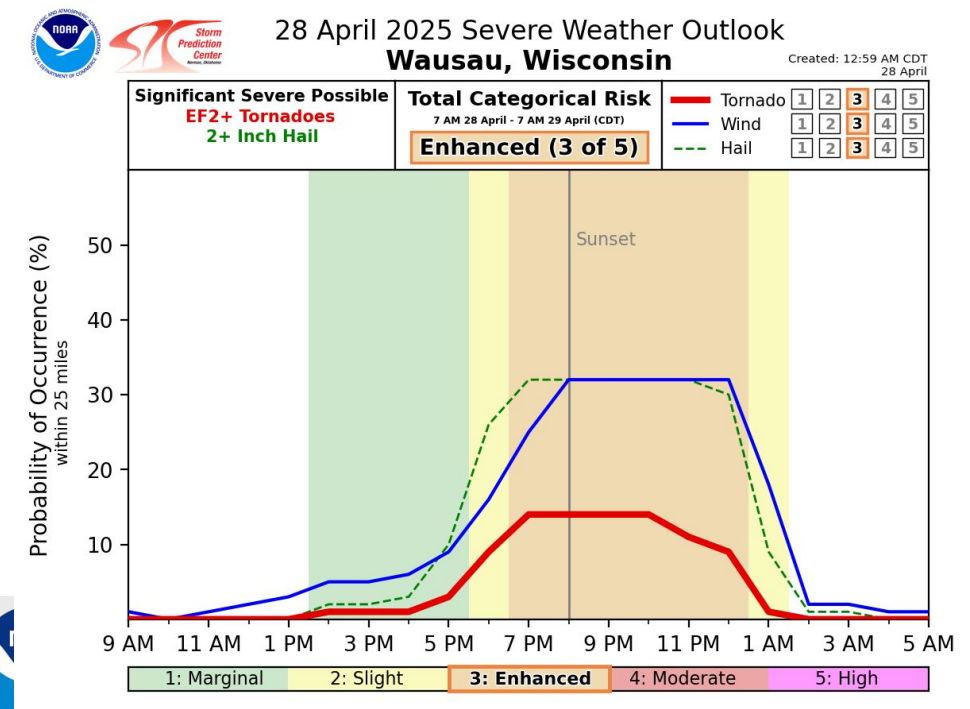
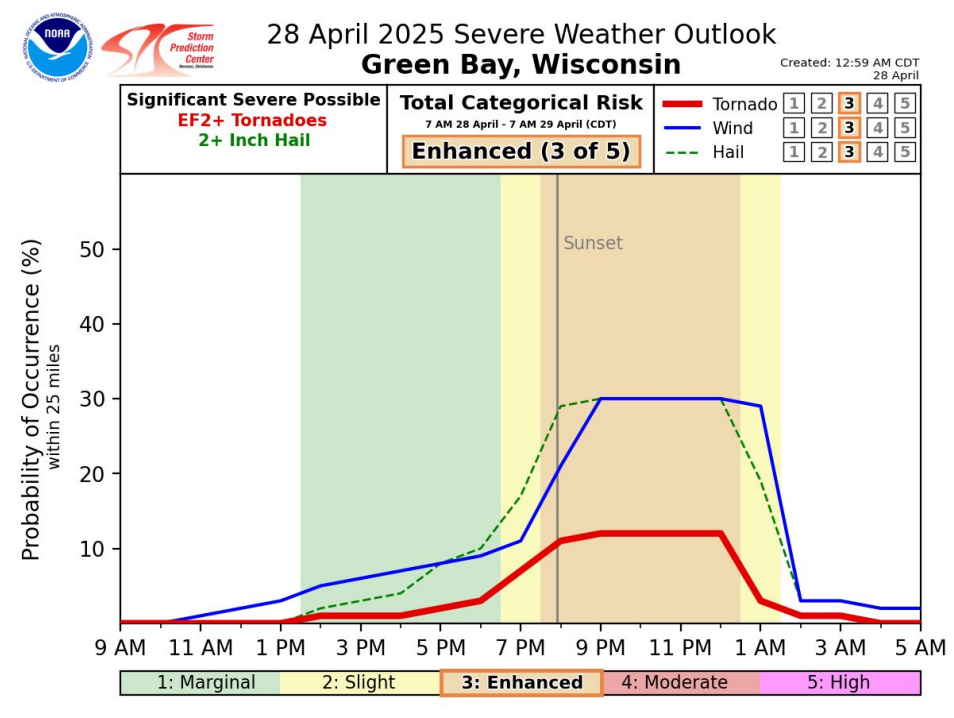
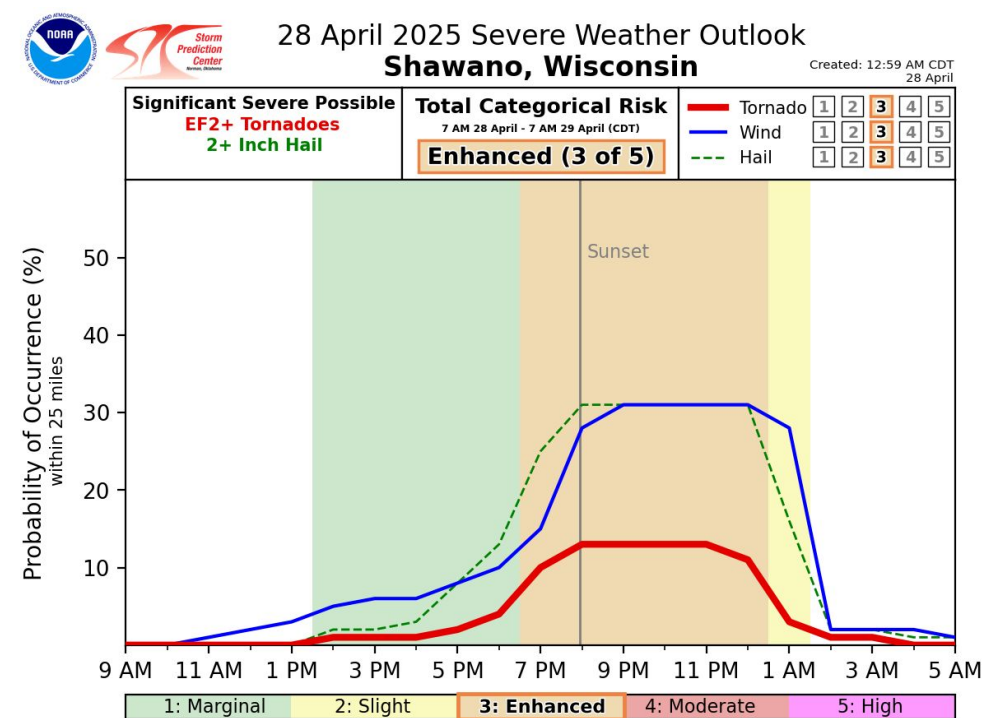
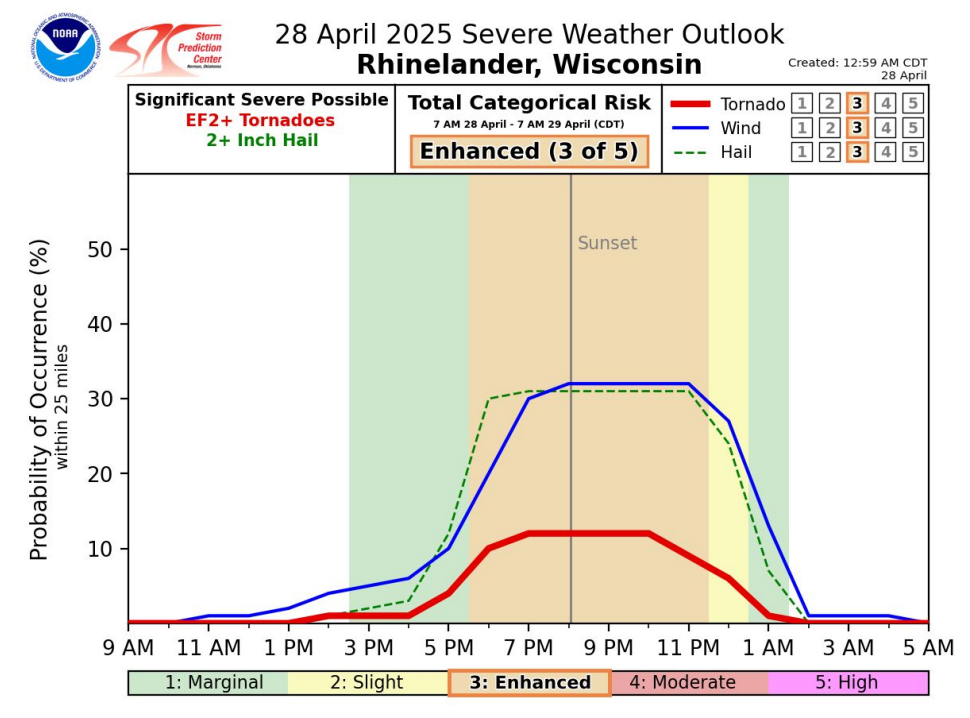












Additional Timing Details

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Charts show most likely timing for the worst severe weather at each location





Understanding Severe Thunderstorm Risk Categories					
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 all 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">Winds to 40 mphSmall hail	<ul style="list-style-type: none">Winds 40-60 mphHail up to 1"Low tornado risk	<ul style="list-style-type: none">One or two tornadoesReports of strong winds/wind damageHail ~1", isolated 2"	<ul style="list-style-type: none">A few tornadoesSeveral reports of wind damageDamaging hail, 1 - 2"	<ul style="list-style-type: none">Strong tornadoesWidespread wind damageDestructive hail, 2" +	<ul style="list-style-type: none">Tornado outbreakDerecho
<small>* 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.</small>					
<div><div>National Weather Service www.spc.noaa.gov</div></div>					

STORM PLANNING TIMELINE

A few days out

If the forecast calls for severe weather in a few days, start preparing now.



Make sure that you have emergency supplies



Know your safe places



Have a family communication plan

The day before

The day before, forecast accuracy continues to improve.



Adjust plans



Make sure your phone can receive WEAs



Ensure your shelter is clean and accessible

The day of

Remain vigilant and aware of any active Watches. A Warning may be issued at a moment's notice!



Remind your family of the communication plan



Know how to evacuate and/or get to safety from wherever you are



When a Warning is issued, you may only have seconds to take action!