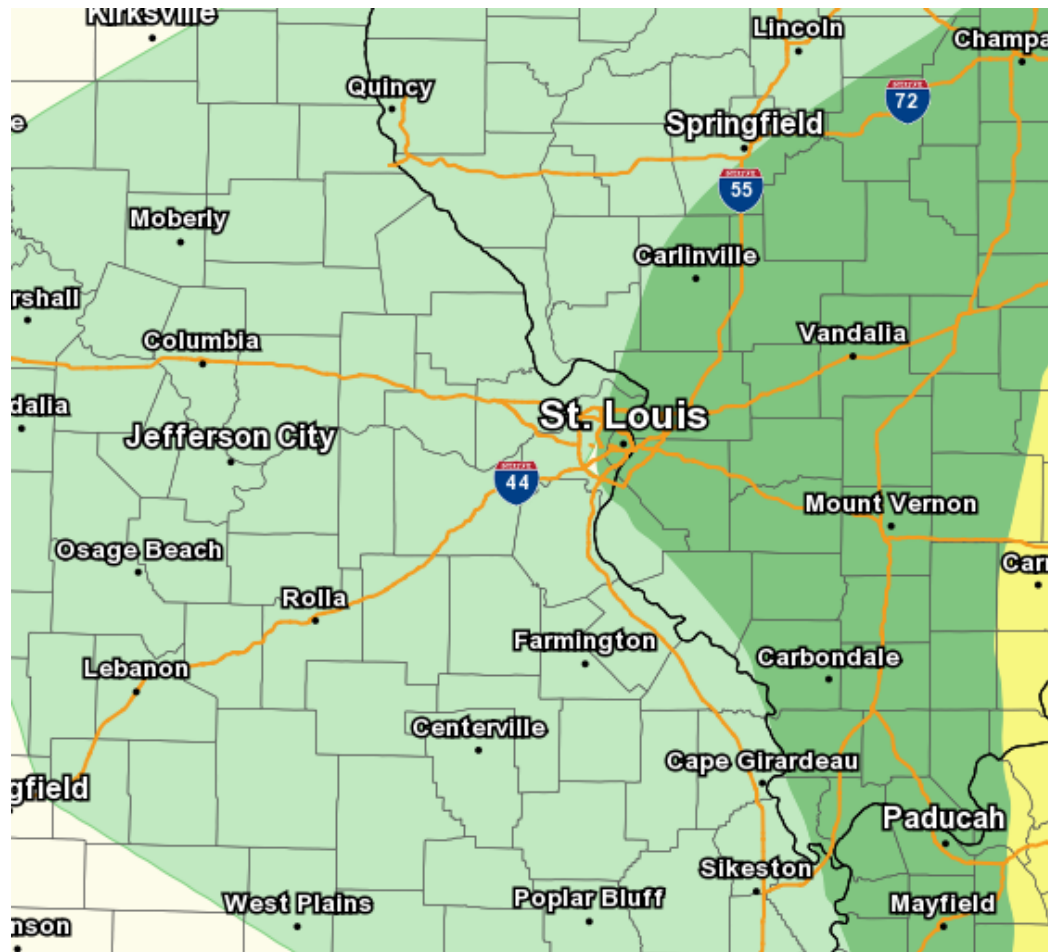


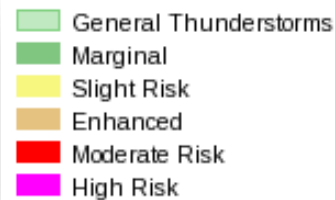
## Today's Severe Thunderstorm Outlook



### Spotter Activation

Possible





### Day One Severe Thunderstorm Outlook



### Key Points:

- **What:** Isolated severe thunderstorms capable of locally damaging wind gusts and large hail
- **When:** Morning and afternoon
- **Where:** Southwest Illinois

# Understanding Severe Thunderstorm Risk Categories

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
<b>No severe* thunderstorms expected</b>	<b>Isolated severe thunderstorms possible</b>	<b>Scattered severe storms possible</b>	<b>Numerous severe storms possible</b>	<b>Widespread severe storms likely</b>	<b>Widespread severe storms expected</b>
Lightning/flooding threats exist with <u>all</u> 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"> <li>Winds to 40 mph</li> <li>Small hail</li> </ul>	<ul style="list-style-type: none"> <li>Winds 40-60 mph</li> <li>Hail up to 1"</li> <li>Low tornado risk</li> </ul>	<ul style="list-style-type: none"> <li>One or two tornadoes</li> <li>Reports of strong winds/wind damage</li> <li>Hail ~1", isolated 2"</li> </ul>	<ul style="list-style-type: none"> <li>A few tornadoes</li> <li>Several reports of wind damage</li> <li>Damaging hail, 1 - 2"</li> </ul>	<ul style="list-style-type: none"> <li>Strong tornadoes</li> <li>Widespread wind damage</li> <li>Destructive hail, 2" +</li> </ul>	<ul style="list-style-type: none"> <li>Tornado outbreak</li> <li>Derecho</li> </ul>

\* 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.



National Weather Service

[www.spc.noaa.gov](http://www.spc.noaa.gov)



## Resources:

- NWS St. Louis Website: <http://www.weather.gov/lx/>
- Emergency Manager Briefing Page: <http://www.weather.gov/lx/embrief>
- Storm Prediction Center: <http://www.spc.noaa.gov>



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