



Severe Storms Possible Tuesday

April 28, 2025
5:14 AM

Another Strong/Severe Storm Threat Thursday

Key Messages

- Showers and storms are expected to develop to our NW, and then move into our region ahead of a cold front Tuesday afternoon into Tuesday evening.
- Pockets of damaging wind and hail would be the main threats, along with locally heavy rainfall
- Most likely timing is between 1 to 10 PM EDT.

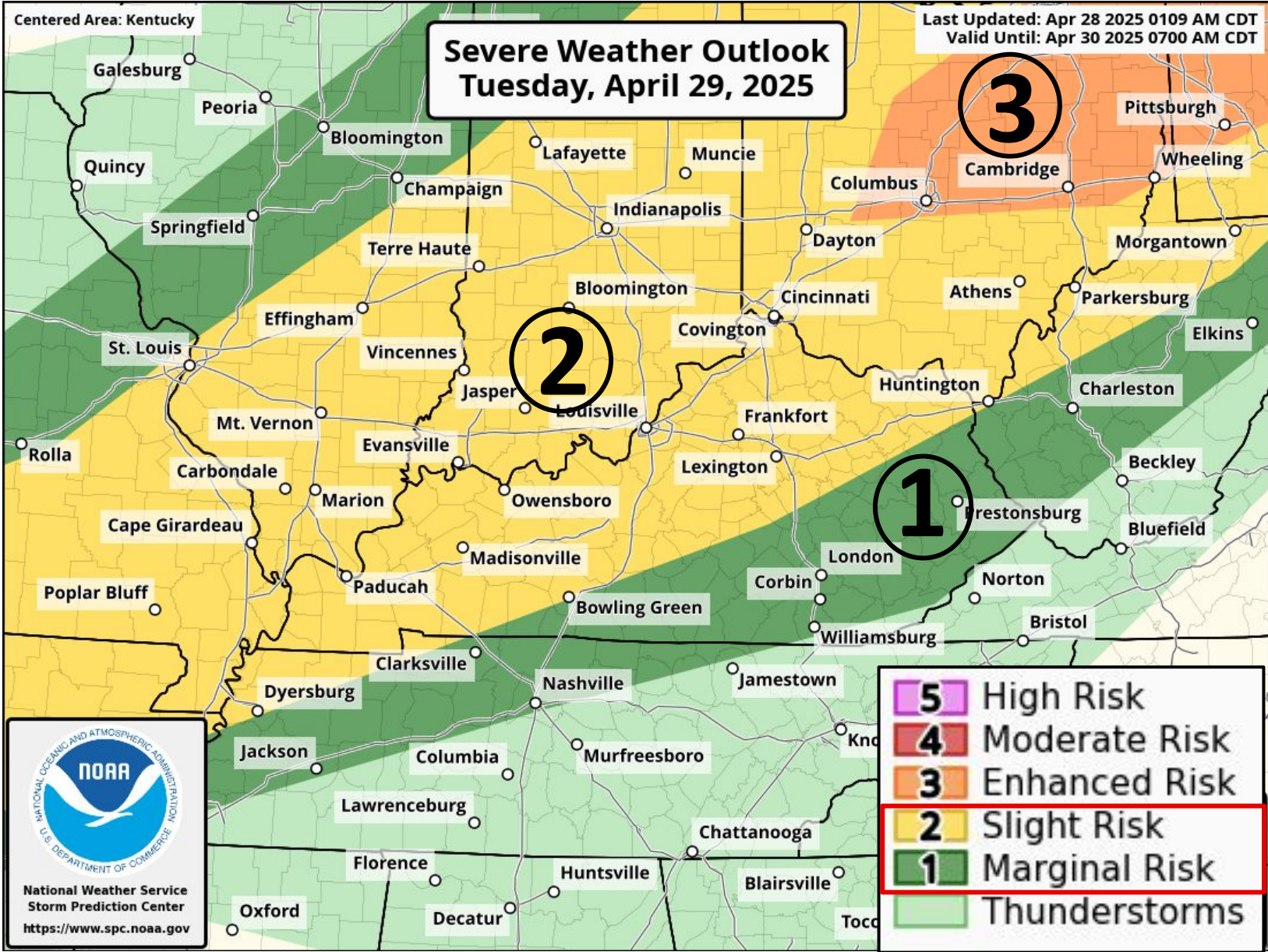
Impacts

- Pockets of damaging wind could cause minor structural damage and/or tree damage
- Lightning will threaten outdoor activities
- Heavy rainfall could cause localized flooding concerns including ponding of water on roadways

Overall Confidence



Current Day 2 (Tuesday) Outlook





Wednesday - Non-Severe Storms

April 28, 2025
5:14 AM

Locally Heavy Rain Possible from Slow Moving Storms

Key Messages

- The cold front from Tuesday will stall over our area on Wednesday, with lingering showers and storms continuing.
- Slow storm movement could allow for some localized heavy rainfall amounts and/or minor flooding concerns
- No severe weather is expected on Wednesday

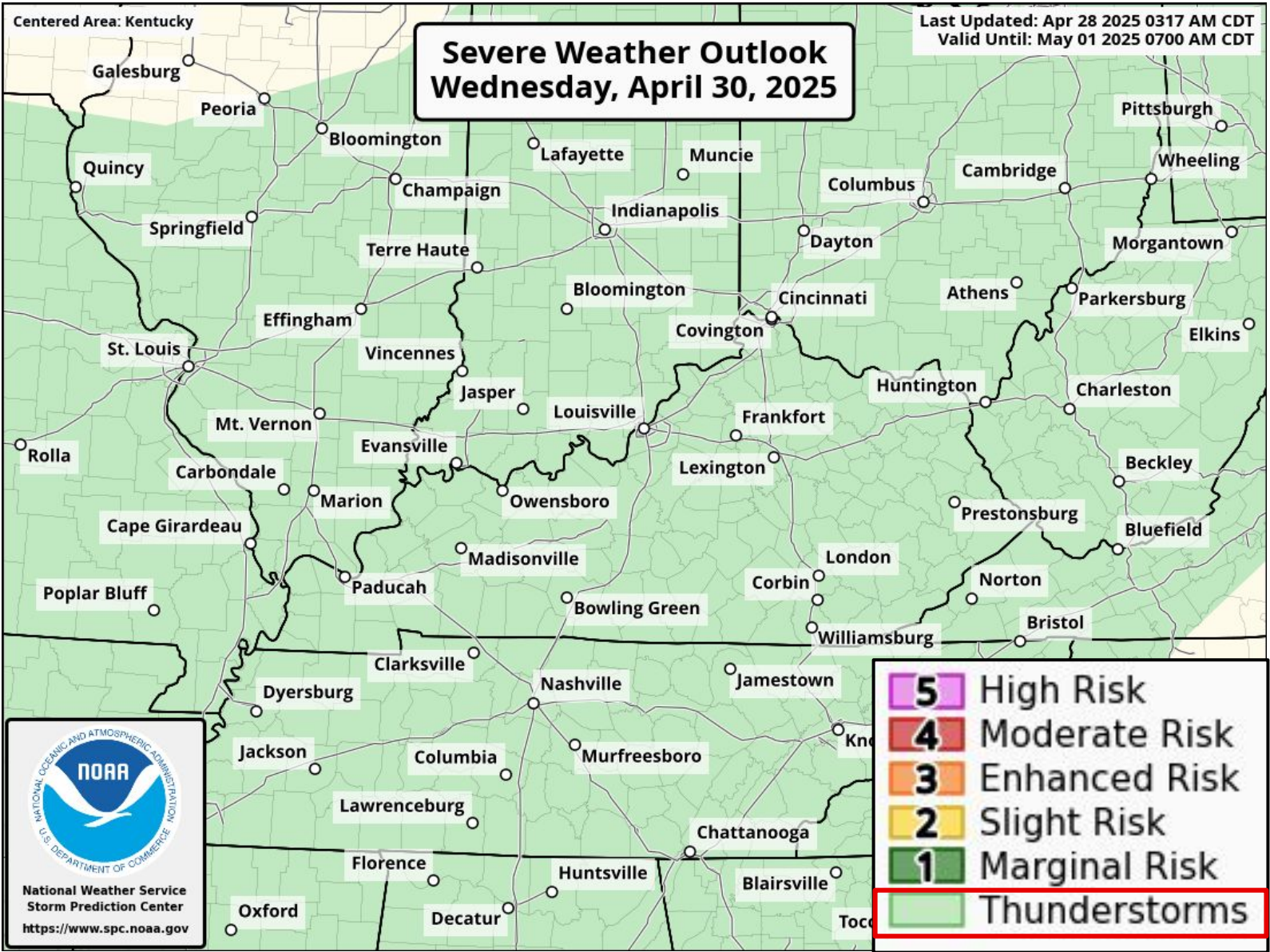
Impacts

- Lightning will threaten outdoor activities
- Heavy rainfall could cause localized flooding concerns including ponding of water on roadways

Overall Confidence



Current Day 3 (Wednesday) Outlook





Strong Storms/Heavy Rain Possible Thursday

April 28, 2025
5:14 AM

Localized Flash Flooding Threat May Develop

Key Messages

- Showers and storms are expected to develop to our west and then move into our area ahead of a cold front Thursday
- A few strong storms with gusty winds to 40 mph and small hail are possible
- Most likely timing Thursday afternoon and evening

Impacts

- Pockets of gusty winds could cause loose outdoor items like tents or signage to blow around
- Lightning will threaten outdoor activities
- Heavy rainfall could cause localized flooding concerns including ponding of water on roadways

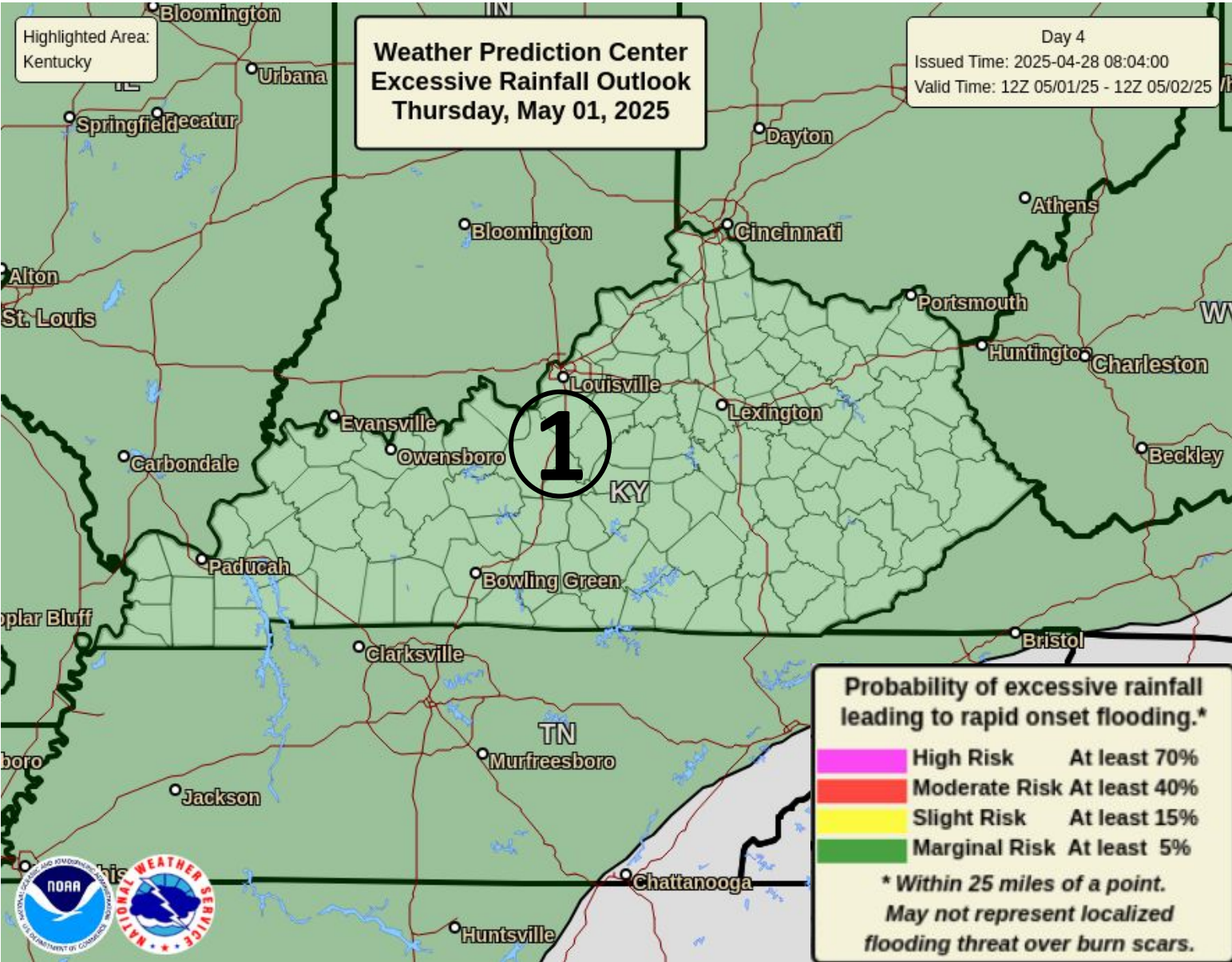
Overall Confidence









Low

Medium

High


Current Day 4 (Thursday) Excessive Rain Outlook



Understanding Severe Thunderstorm Outlook Categories								
LEVEL	CATEGORY	DETAILS	SUMMARY	How many severe storms are possible?	How bad could the worst storms be?	DEFINITIONS		
	General Thunderstorm	Although severe weather is not expected, <i>all</i> thunderstorms can produce deadly lightning, gusty winds, and small hail.	No severe thunderstorms expected		Similar to storms your area experiences many times per year	Severe Storm Any storm that contains at least one of the following: Wind gusts of at least 58 mph Hail at least one inch in diameter		
1	Marginal (MRGL)	Some storms could be capable of damaging winds and severe hail. Localized tornado threat could develop.	Isolated severe storms possible		Similar to storms your area may experience several times per year			
2	Slight (SLGT)	Increased confidence that some storms will contain damaging winds, severe hail, and/or tornado potential. <i>A few severe storms could be significant</i>	Isolated to scattered severe storms expected		Similar to storms your area may experience a few times per year			
3	Enhanced (ENH)	High confidence that several storms will contain damaging winds, severe hail, and/or tornadoes. <i>Several severe storms could be significant</i>	Scattered to numerous severe storms expected		Similar to intense storms your area may only experience once or twice per year			
4	Moderate (MDT)	High confidence that many storms will contain damaging winds, severe hail, and/or tornadoes. <i>Several severe storms likely to be significant</i>	Scattered to numerous severe storms expected		Similar to intense storms your area may only experience once per year or less			
5	High (HIGH)	High confidence that an outbreak of storms will contain tornadoes, damaging winds, and/or severe hail. <i>Tornado outbreak and/or widespread damaging winds</i>	Numerous severe storms expected		Very intense storms your area may only experience once or twice in a lifetime			
							spc.noaa.gov weather.gov	




Friday Outlook - Non Severe Storms

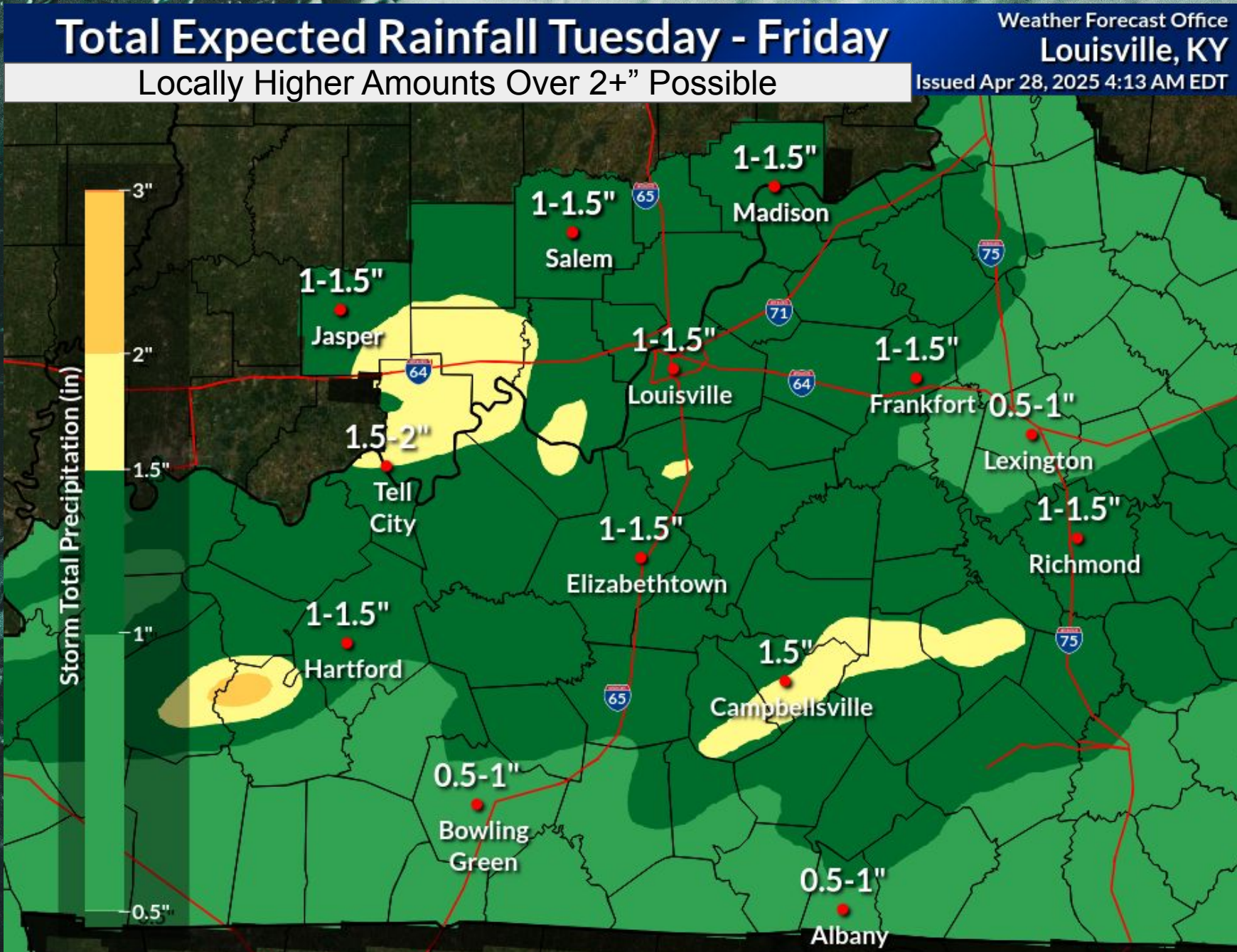


AM
Scattered
Showers

PM
Scattered
Showers or
Isolated Storms



Highs: 70 to 75



Saturday & Sunday



Mostly Sunny with
Seasonable Temps
Highs: 70-75 °

National Weather Service
Louisville, Kentucky

