



# Severe Storms Possible Tuesday

April 28, 2025  
4:46 PM

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.

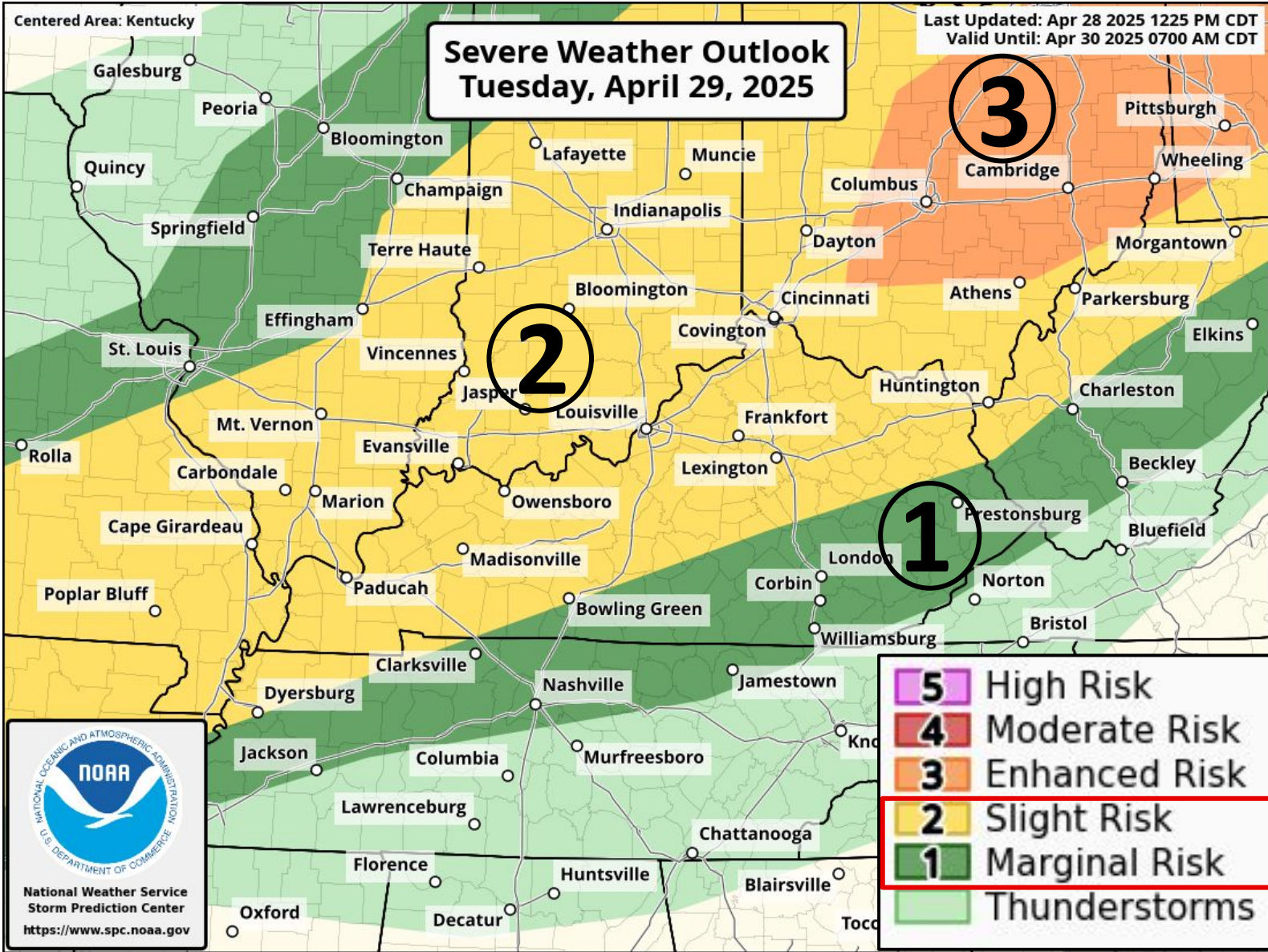
## Impacts

- 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





# Strong Storms/Heavy Rain Possible Wednesday

April 28, 2025  
4:46 PM

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
- Strong storms expected, a few isolated severe storms could be possible.

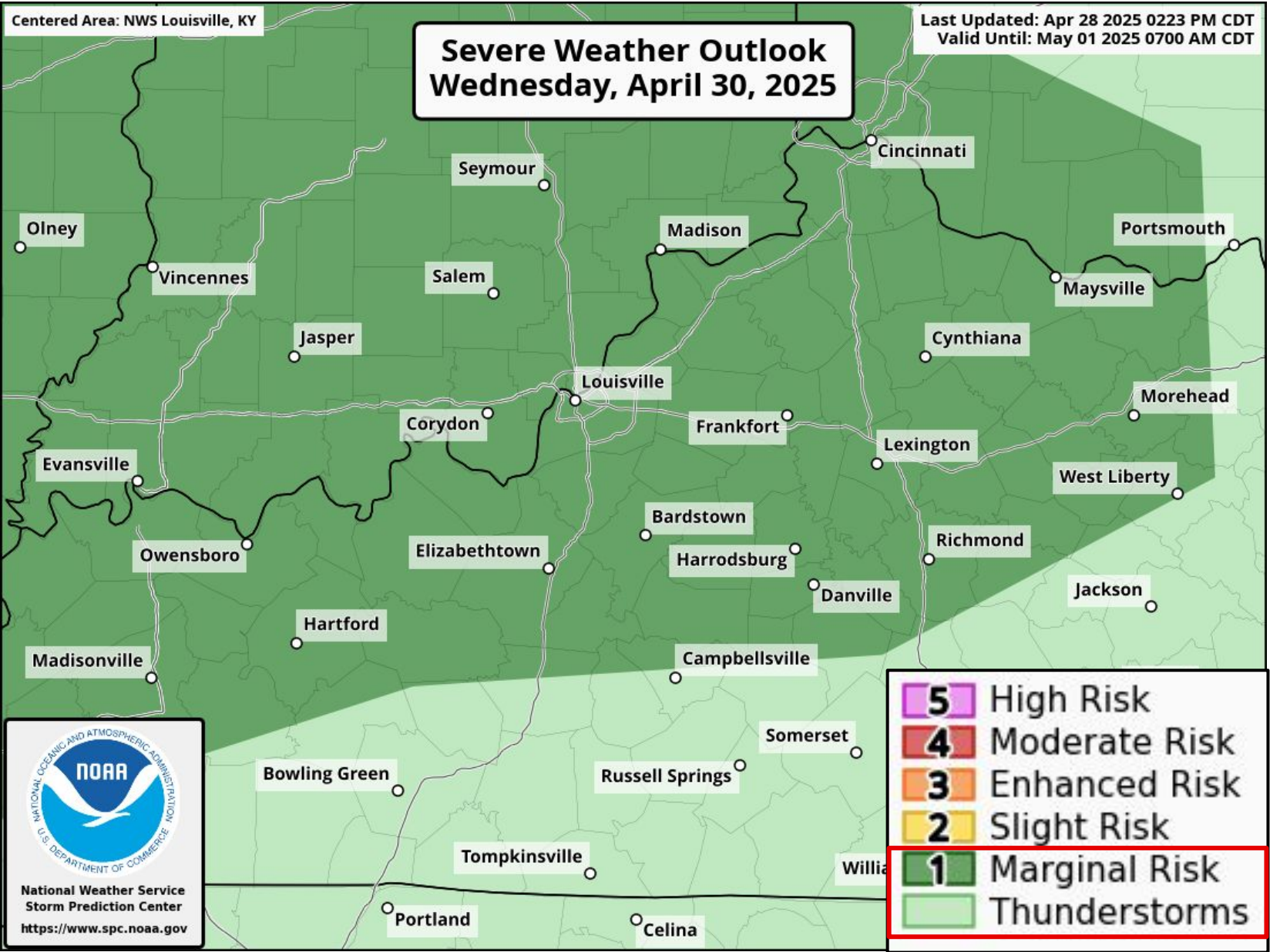
## Impacts

- 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  
4:46 PM

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

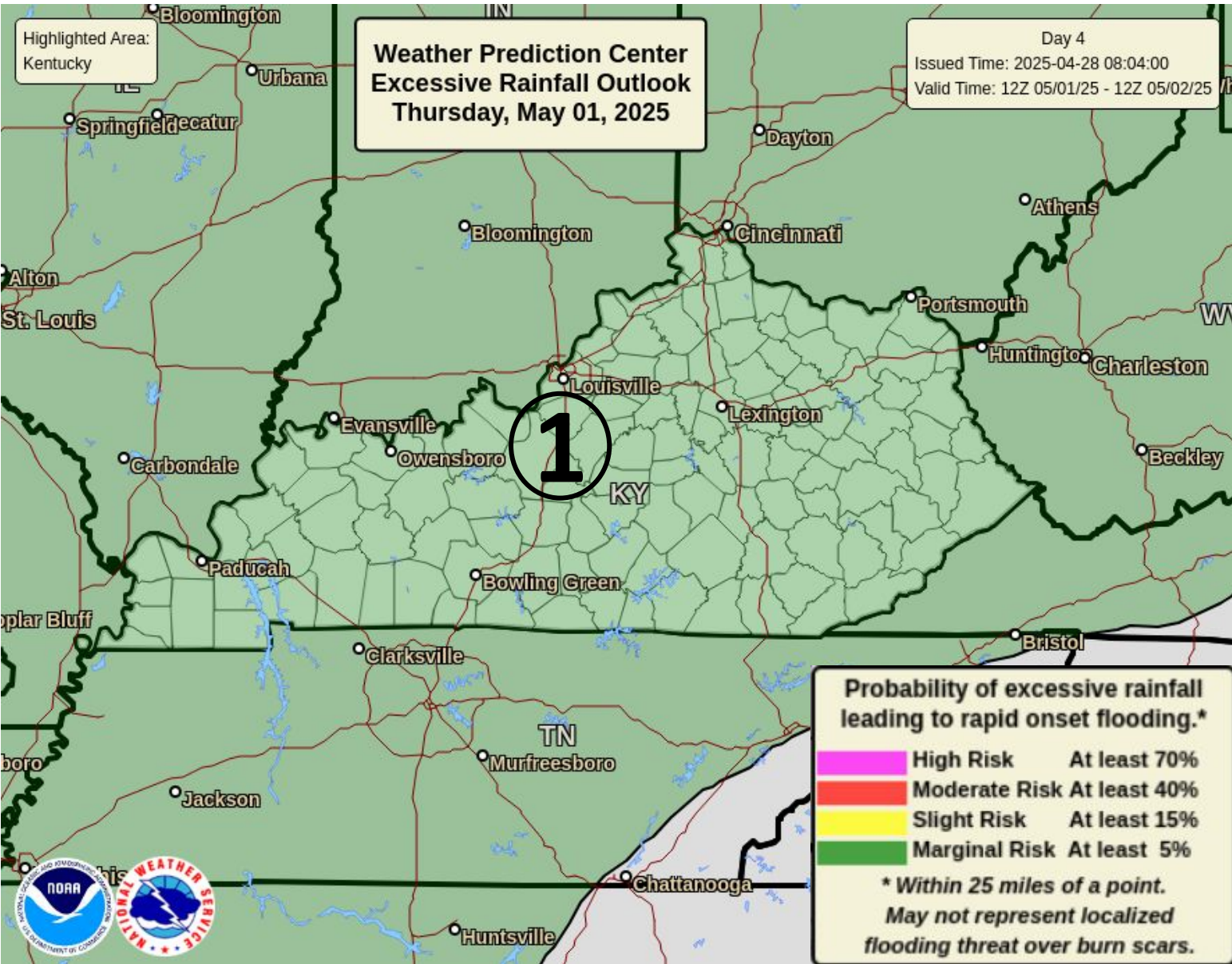
## Overall Confidence

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	 NoneNumerous	Similar to storms your area experiences many times per year	<b>Severe Storm</b>  Any storm that contains at least one of the following:  <b>Wind gusts of at least 58 mph</b>  <b>Hail at least one inch in diameter</b>
1	Marginal (MRGL)	Some storms could be capable of damaging winds and severe hail. Localized tornado threat could develop.	Isolated severe storms possible	 NoneNumerous	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	 NoneNumerous	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	 NoneNumerous	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	 NoneNumerous	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	 NoneNumerous	Very intense storms your area may only experience once or twice in a lifetime	

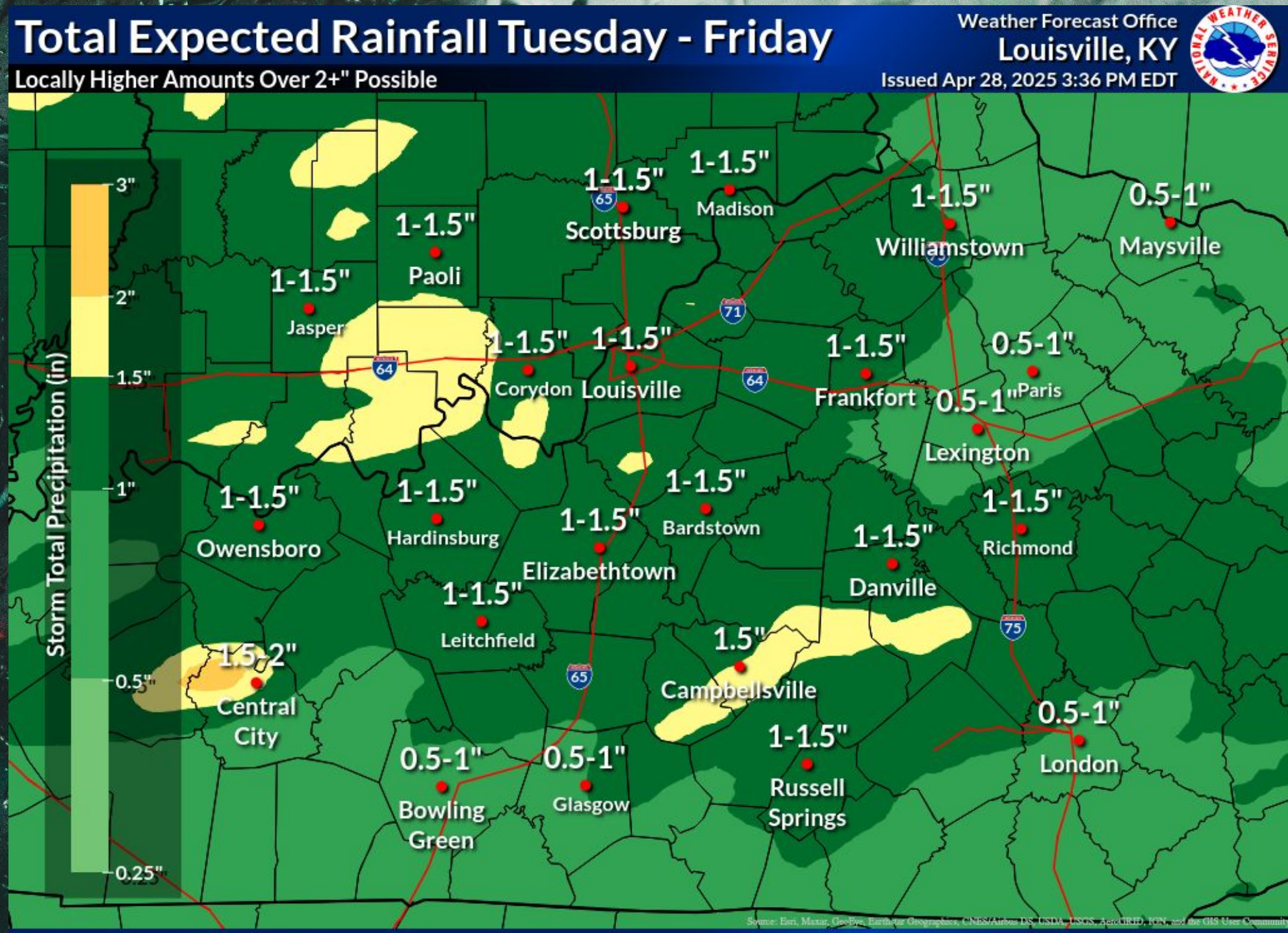


# Friday Outlook - Non Severe Storms

Friday

Lingering Showers

70-76°



# Saturday & Sunday



Mostly Sunny with  
Seasonable Temps

**Highs: 70-75 °**

National Weather Service  
Louisville, Kentucky

