



Severe Storms Possible Today

April 29, 2025
5:10 AM

Additional Strong or Severe Storms Possible Wednesday and Thursday

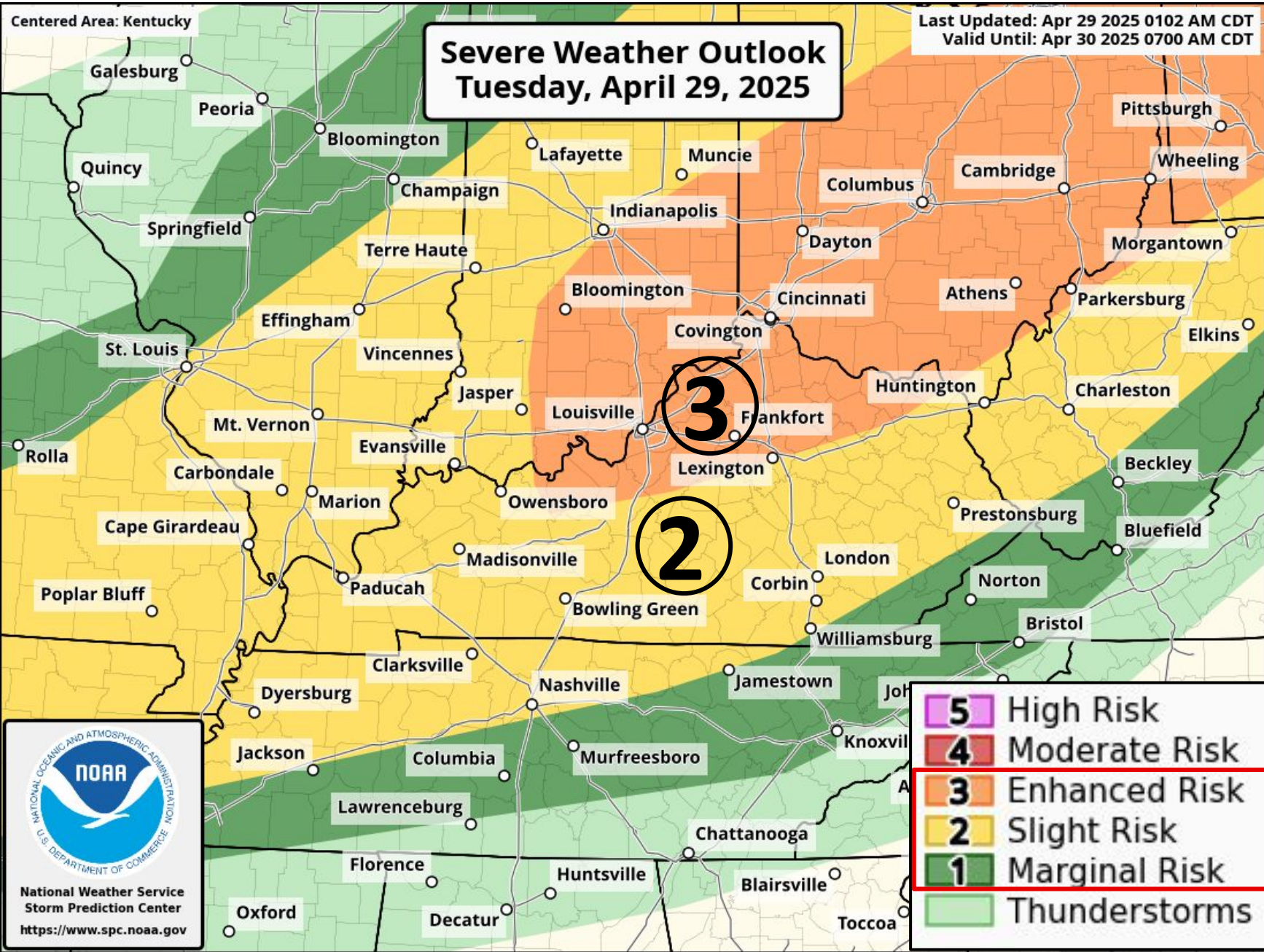
Key Messages

- Isolated non-severe storms this morning
- Main chance of severe storms this afternoon and evening
- Damaging wind is the main threat, with hail and an isolated tornado secondary threats
- Most likely timing is 2-10 PM EDT.

Impacts

- Pockets of damaging wind could cause structural damage and/or tree damage
- Lightning will threaten outdoor activities
- Heavy rainfall could cause brief localized flooding concerns

Overall Confidence





Strong Storms/Heavy Rain Possible Wednesday

April 29, 2025
5:10 AM

Localized Flash Flooding Threat May Develop Along Front

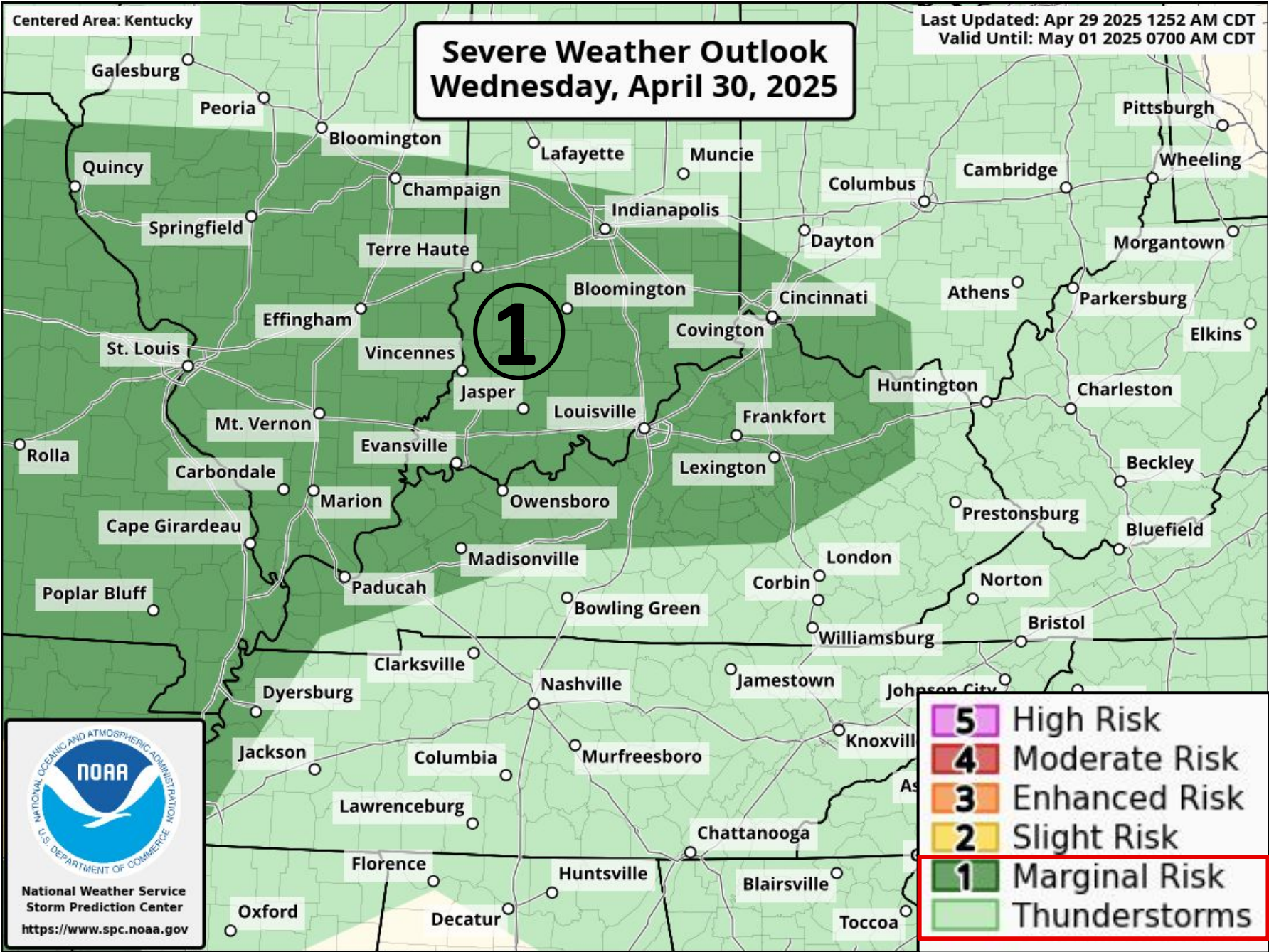
Key Messages

- Storms moving over the same area could cause localized minor flooding concerns.
- Strong and severe storms possible. Gusty winds would be the main threat with a very limited window for an isolated tornado.

Impacts

- Lightning will threaten outdoor activities in some areas.
- Heavy rainfall could cause brief localized flooding concerns, mainly ponding of water on roadways.

Overall Confidence





Strong Storms/Heavy Rain Possible Thursday

April 29, 2025
5:10 AM

Locally Heavy Rain Possible

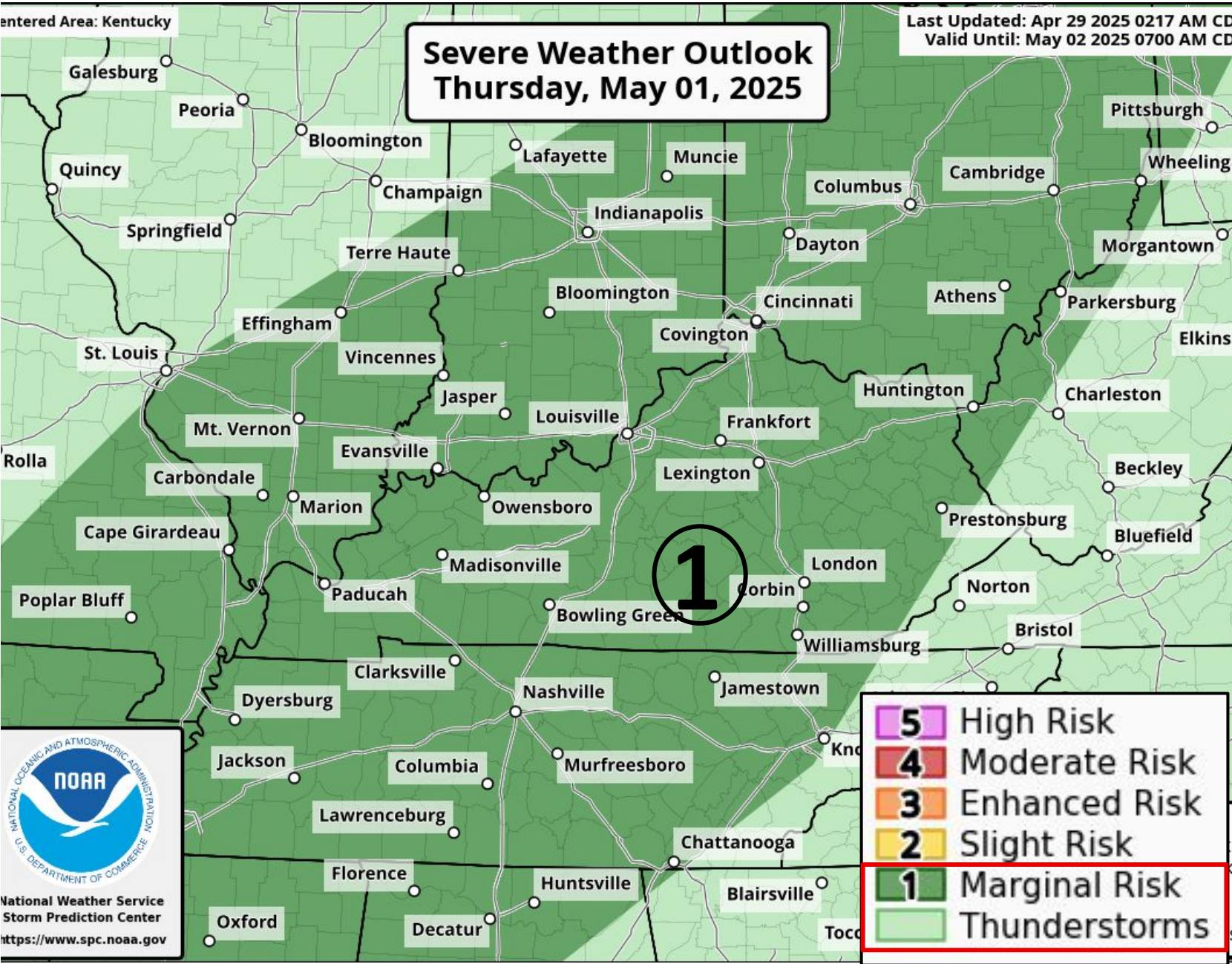
Key Messages

- Showers and storms are expected to develop to our west and then move into our area ahead of a cold front
- A few strong or severe storms with gusty winds and small hail are possible
- Will likely come through in multiple waves throughout the day

Impacts

- 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



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	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	 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



Scattered
Showers and
Thunderstorms

69-75°

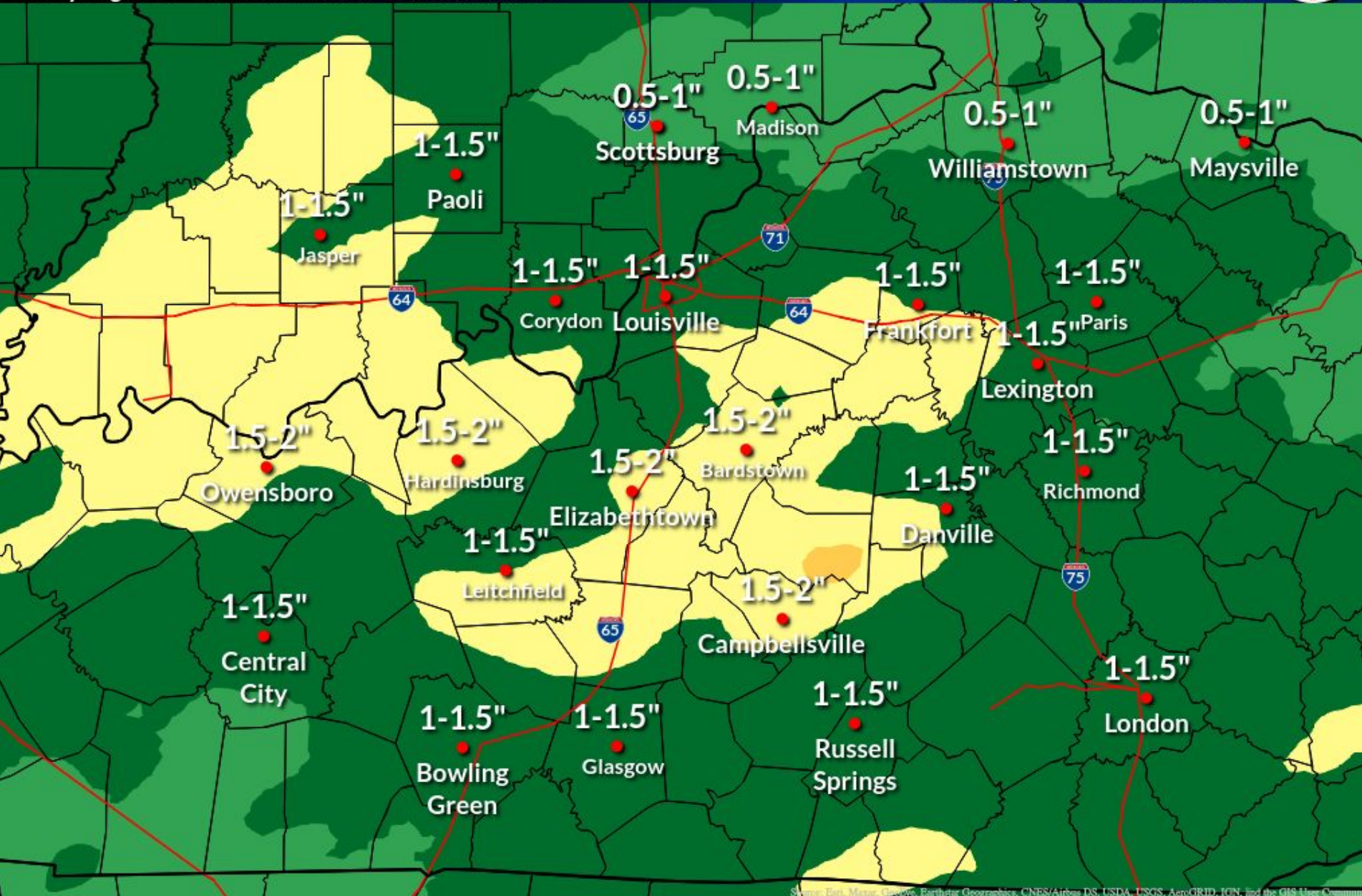
Total Rainfall Today - Friday

Locally Higher Amounts in Heavier Thunderstorms

Weather Forecast Office

Louisville, KY

Issued Apr 29, 2025 3:51 AM EDT



Source: Eriq, Mapbox, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



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www.weather.gov/lmk

Saturday & Sunday

Mostly Sunny

Highs Saturday in the 60s to
around 70°

Highs Sunday 67-73°



National Weather Service
Louisville, Kentucky