



# Strong to Severe Storms Possible This Afternoon

April 30, 2025  
10:54 AM

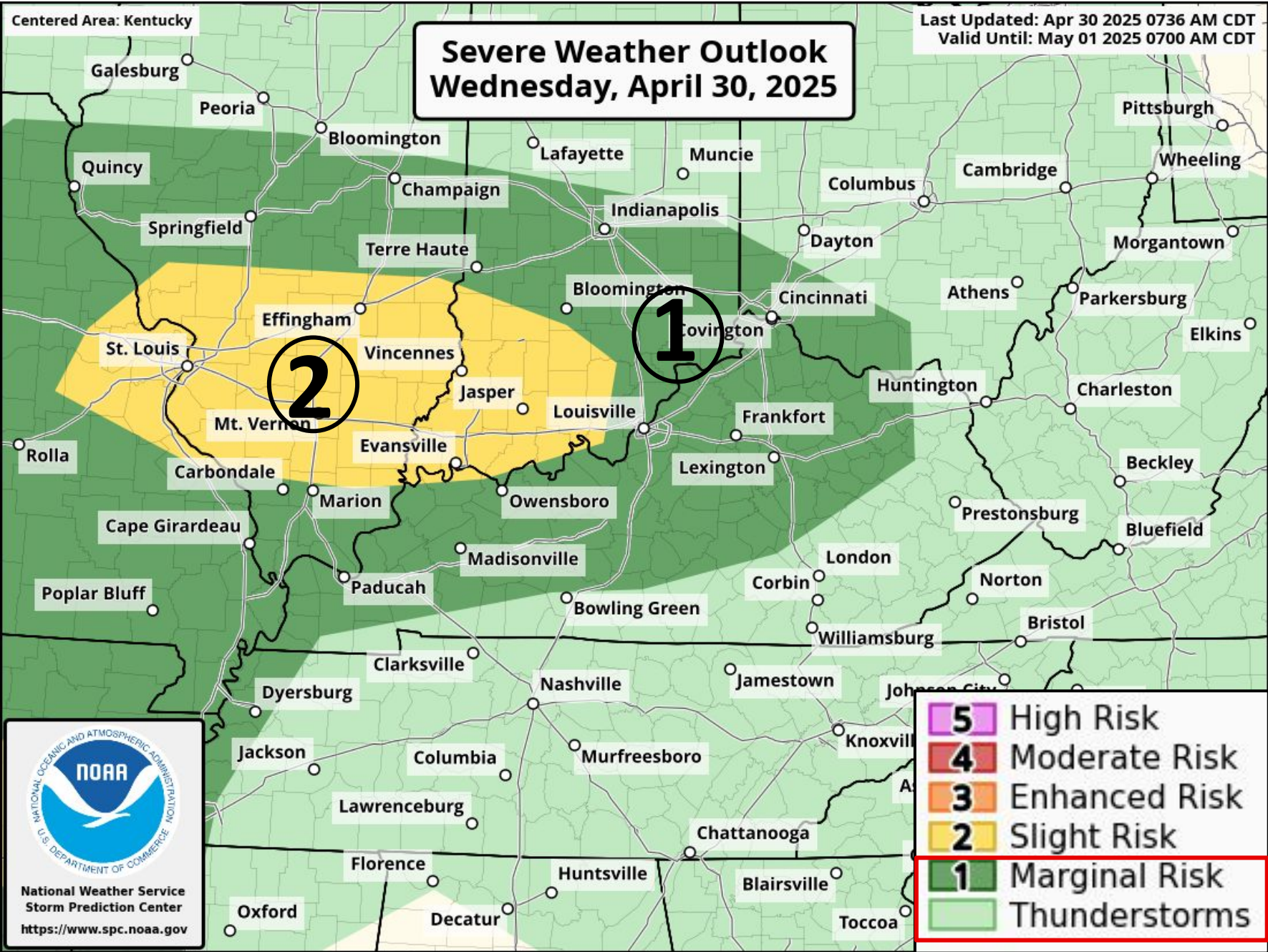
## Key Messages

- A few strong and marginally severe storms possible
- Main threat is gusty winds, but can't rule out a tornado
- Timing: 2-8 PM EDT

## Impacts

- Lightning will threaten outdoor activities in some areas
- Heavy rainfall could cause ponding of water on roadways

## Overall Confidence







# Severe Storms Possible Thursday

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Locally Heavy Rain

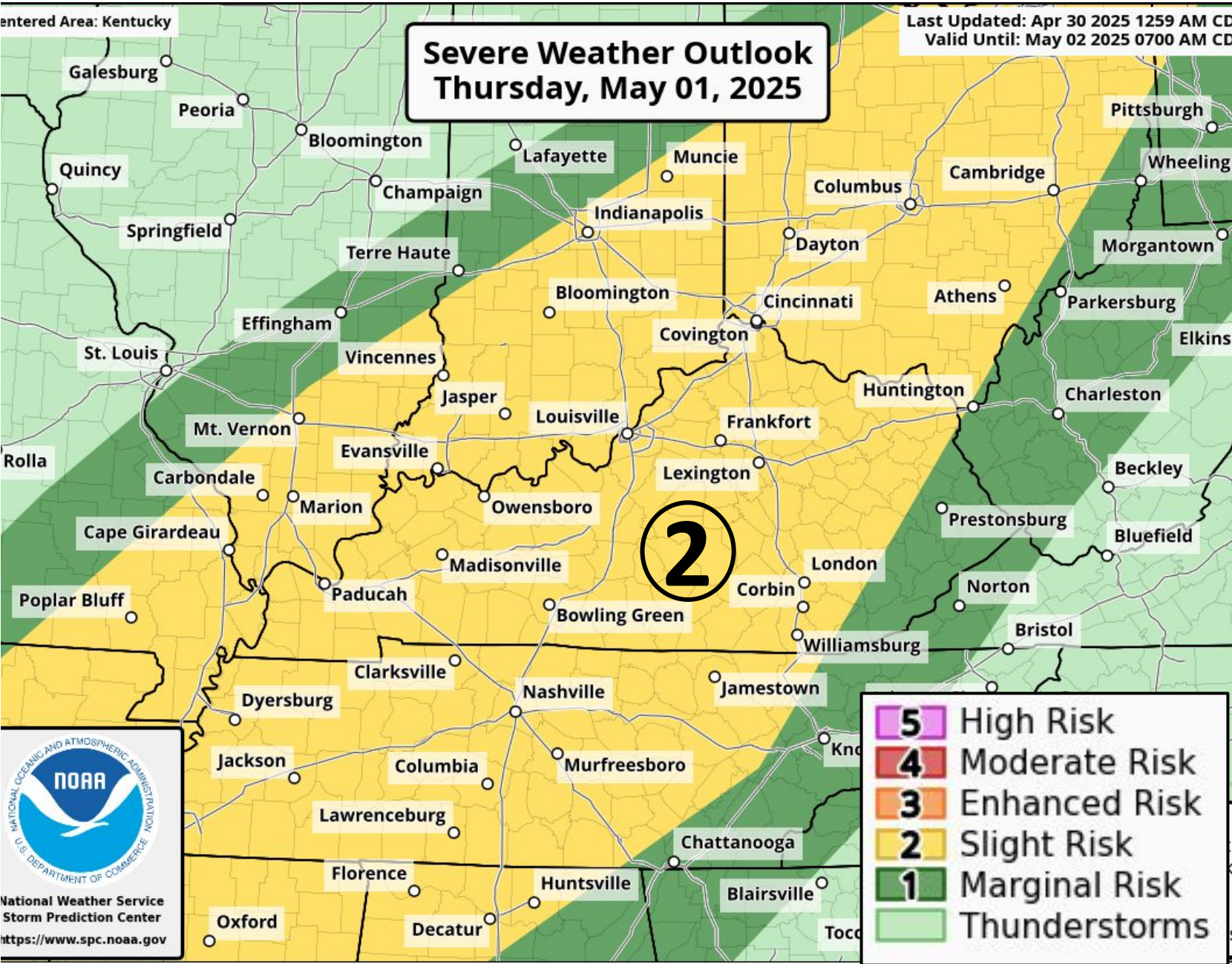
## Key Messages

- Showers and storms are expected to develop, especially in the afternoon and evening
- Estimated timing - 3-10 PM EDT
- Scattered strong or severe storms with gusty winds and marginally severe hail are possible

## Impacts

- Gusty winds could cause loose outdoor items like tents or signage to blow around
- Lightning will threaten outdoor activities
- Heavy rainfall could cause 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		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		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	





# Showers & Storms Friday

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Scattered Showers Possible Saturday

## Key Messages

- Another round of showers and thunderstorms is expected on Friday, especially in the afternoon and evening
- A few strong storms will be possible, especially in southern Kentucky
- Scattered showers possible on Saturday, though forecast confidence is low

	Probability of Precipitation Forecast (%)																				
	5/2 Fri						5/3 Sat								5/4 Sun						
	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm
Bardstown	41	24	24	50	50	53	53	63	63	39	39	30	30	15	15	14	14	11	11	12	12
Bowling Green	32	32	32	57	57	57	57	60	60	35	35	25	25	12	12	9	9	9	9	9	9
Brandenburg	21	20	20	49	49	56	56	51	51	30	30	29	29	14	14	10	10	9	9	11	11
Burkesville	71	50	50	68	68	58	58	72	72	51	51	34	34	16	16	14	14	13	13	13	13
Campbellsville	45	42	42	59	59	60	60	67	67	47	47	30	30	16	16	12	12	14	14	13	13
Elizabethtown	31	20	20	49	49	56	56	59	59	31	31	30	30	13	13	11	11	8	8	10	10
Frankfort	37	28	28	54	54	56	56	63	63	46	46	30	30	17	17	13	13	14	14	16	16
Hartford	20	25	25	52	52	53	53	54	54	30	30	22	22	11	11	8	8	8	8	9	9
Jasper, IN	13	19	19	49	49	45	45	39	39	26	26	25	25	13	13	12	12	10	10	12	12
Lexington	49	33	33	59	59	58	58	68	68	52	52	31	31	20	20	16	16	17	17	17	17
Louisville	26	22	22	52	52	56	56	56	56	30	30	30	30	15	15	13	13	11	11	14	14
Madison, IN	24	21	21	53	53	54	54	53	53	30	30	30	30	15	15	13	13	15	15	16	16
Richmond	59	37	37	62	62	63	63	73	73	57	57	46	46	22	22	18	18	17	17	19	19
Salem, IN	21	19	19	48	48	51	51	48	48	30	30	27	27	14	14	14	14	11	11	13	13

Created: 3 am EDT Wed 4/30/2025 |

