



NWS Paducah Weekly Partner Call

April 14, 2025
11:00 AM

Monday, April 21, 2025 - 11 AM CDT

Welcome!

Rachel Trevino
Forecaster

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<https://www.weather.gov/media/pah/WeeklyPartnerBriefing.pdf>



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Paducah, KY

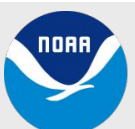


Key Messages for This Week

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11:00 AM

Key Messages

- **River Flooding** continues to recede
- **Showers and thunderstorms return** late Wednesday into Wednesday night, continuing through Saturday
- Severe storms and flooding **NOT** a big concern at this time. If there is a strong storm, it would be Friday when a cold front pushes through
- Above normal temperatures through Friday, near seasonal Saturday, then a warming trend Sunday into Monday





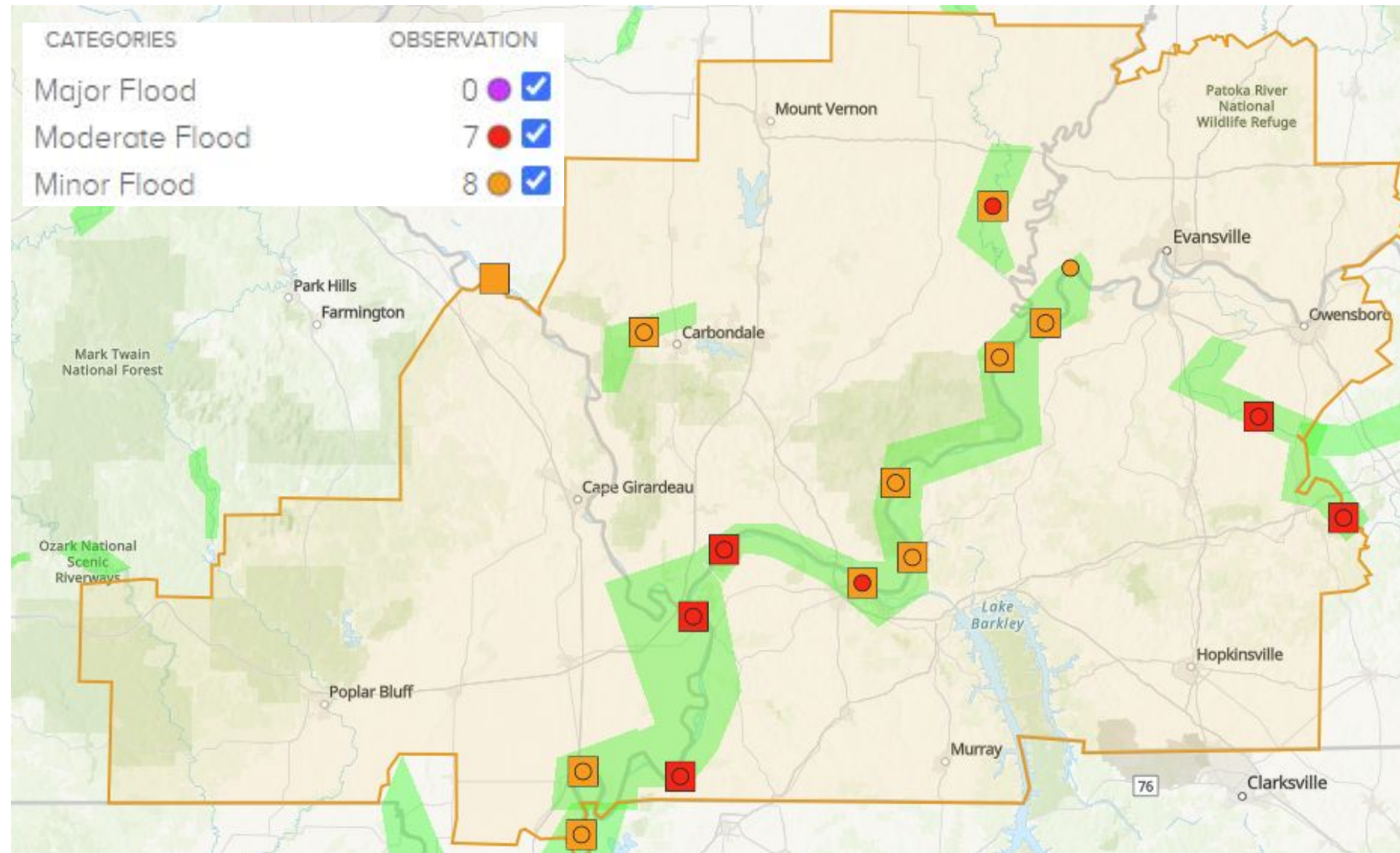
Significant River Flooding Improving

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Levels are falling, with most points going below flood stage by the end of the week

Minor to Moderate Flooding continues on these rivers:

- Big Muddy
- Green
- Little Wabash
- Mississippi
- Ohio

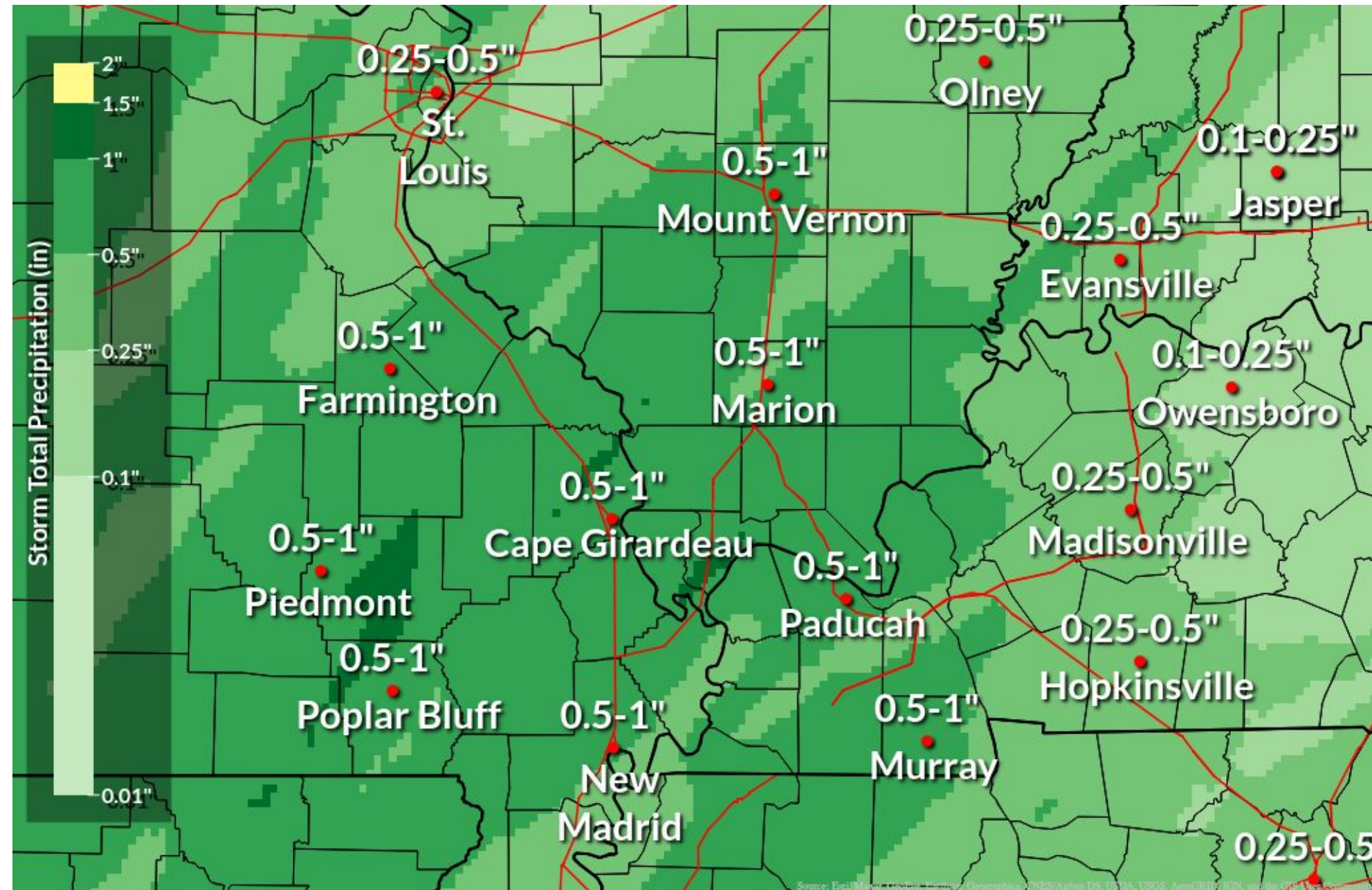




Rainfall Totals Wednesday through Saturday

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- Showers and thunderstorms will spread northeast across the region late Wednesday into Wednesday night
- Highest chances are Thursday afternoon, and late Thursday night through Friday
- Precipitation chances will taper off late Friday night through Saturday
- Severe storms are not expected, but a strong storm is not out of the question Friday with the passage of a cold front
- Rainfall amounts of around an inch or less spread over 3 days are not expected to cause any issues





7 Day Forecast

Rain chances return late week

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High Temperature

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
Cape Girardeau	73	78	81	81	76	73	76	82
Carbondale	72	77	80	80	77	70	74	81
Evansville	72	76	80	81	77	70	74	80
Harrisburg	71	76	80	80	77	70	74	80
Henderson	72	76	80	80	77	70	74	80
Hopkinsville	77	78	81	81	80	73	77	82
Madisonville	75	77	80	81	75	72	76	81
Marion	72	77	80	80	77	70	74	80
Mount Carmel	70	76	80	80	77	70	72	80
Mount Vernon	69	76	79	79	75	69	72	80
Murray	75	78	81	80	77	73	78	82
New Madrid	74	78	81	81	77	73	78	82
Owensboro	74	76	80	81	78	71	74	80
Paducah	75	79	82	82	78	73	78	83
Petersburg	72	76	80	81	77	70	72	79
Poplar Bluff	74	78	81	81	76	73	77	82
Van Buren	75	79	82	81	77	75	77	83

Low Temperature

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
57	51	54	59	65	58	53	61
58	51	53	59	65	57	52	61
58	51	53	59	66	59	52	60
57	50	52	59	65	58	51	59
58	51	53	59	66	59	52	60
60	53	55	59	64	61	53	60
59	51	53	59	65	60	53	60
58	50	53	59	65	57	52	60
55	50	52	57	64	56	50	58
56	50	52	57	64	56	51	59
60	53	56	61	65	60	54	61
60	54	57	62	66	61	56	64
58	51	53	59	65	59	53	60
60	52	56	61	66	61	54	62
55	50	53	58	64	57	51	58
55	51	54	59	64	59	53	62
49	49	51	56	61	56	52	61

Rain Chances

Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon
5am 5pm	5am 5pm	5am 5pm	5am 5pm	5am 5pm	5am 5pm	5am 5pm	5am 5pm
65 0	0 0	5 10	40 60	65 85	40 20	10 20	25 35
75 0	0 0	5 10	35 60	70 85	45 15	10 20	30 40
95 0	0 0	5 5	40 55	75 85	60 20	10 15	35 40
95 0	0 0	5 10	40 60	75 90	50 20	10 20	35 40
95 0	0 0	5 5	40 60	80 90	60 20	10 15	35 40
95 0	5 5	5 15	50 70	75 85	65 30	10 15	25 30
95 0	0 5	5 10	50 65	75 85	60 25	10 15	30 30
90 0	0 0	5 10	35 60	70 90	45 20	10 20	35 40
95 0	0 0	0 5	30 45	70 85	55 15	10 15	35 40
70 0	0 0	5 10	30 55	70 85	45 15	15 20	35 45
90 0	5 5	5 15	50 70	70 85	60 25	10 20	20 30
80 0	0 5	5 15	55 75	75 85	45 20	10 20	25 30
95 0	0 0	5 5	40 55	75 85	65 25	10 15	35 35
95 0	0 5	5 10	50 70	80 90	55 25	10 20	25 35
95 0	0 0	0 5	30 45	70 85	60 15	10 15	35 40
25 0	0 0	5 15	45 70	70 85	30 20	10 20	20 35
5 0	0 0	5 25	35 60	70 80	25 20	15 20	25 35





8 to 14 Day Outlook

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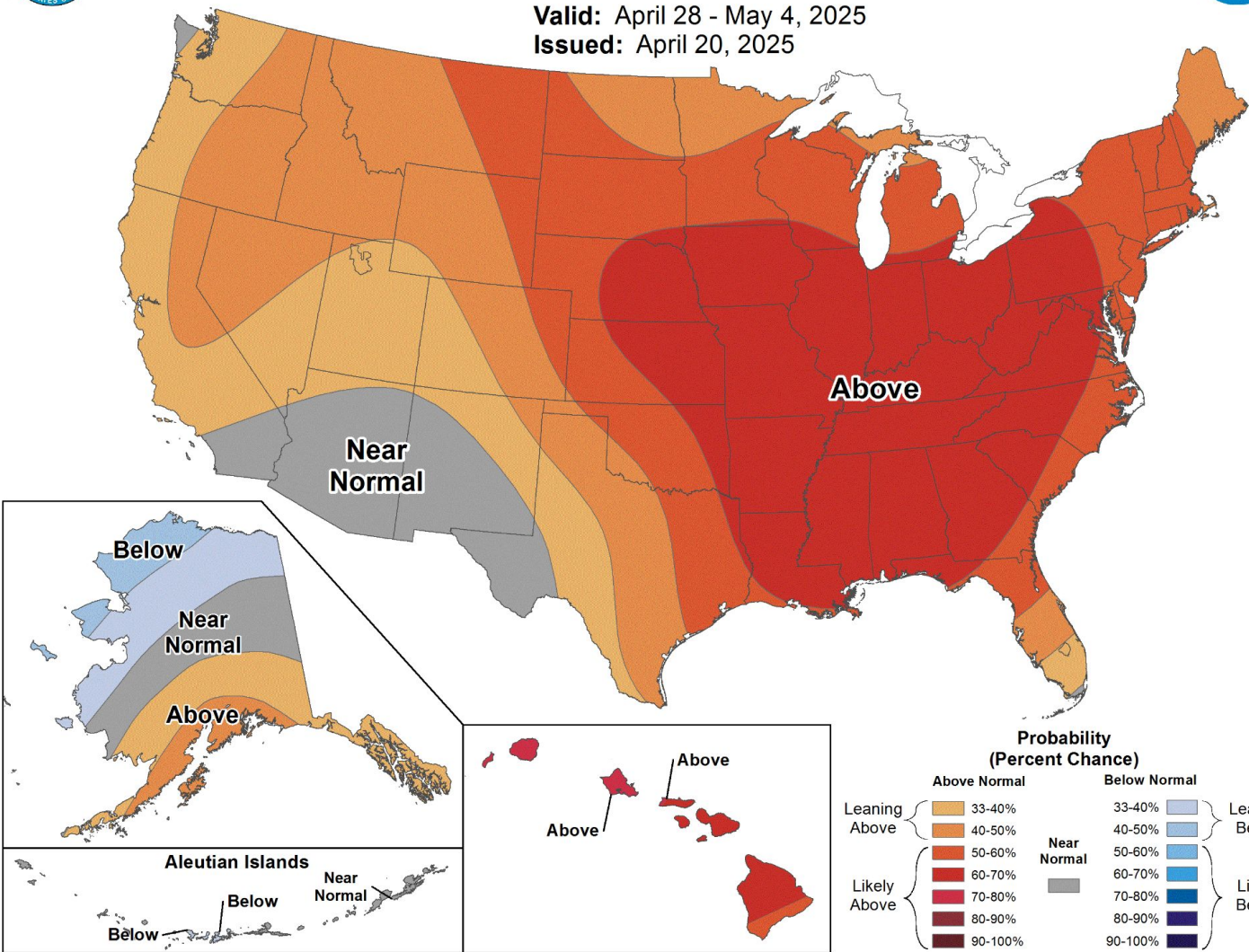
Very warm and wetter than normal conditions continue



8-14 Day Temperature Outlook



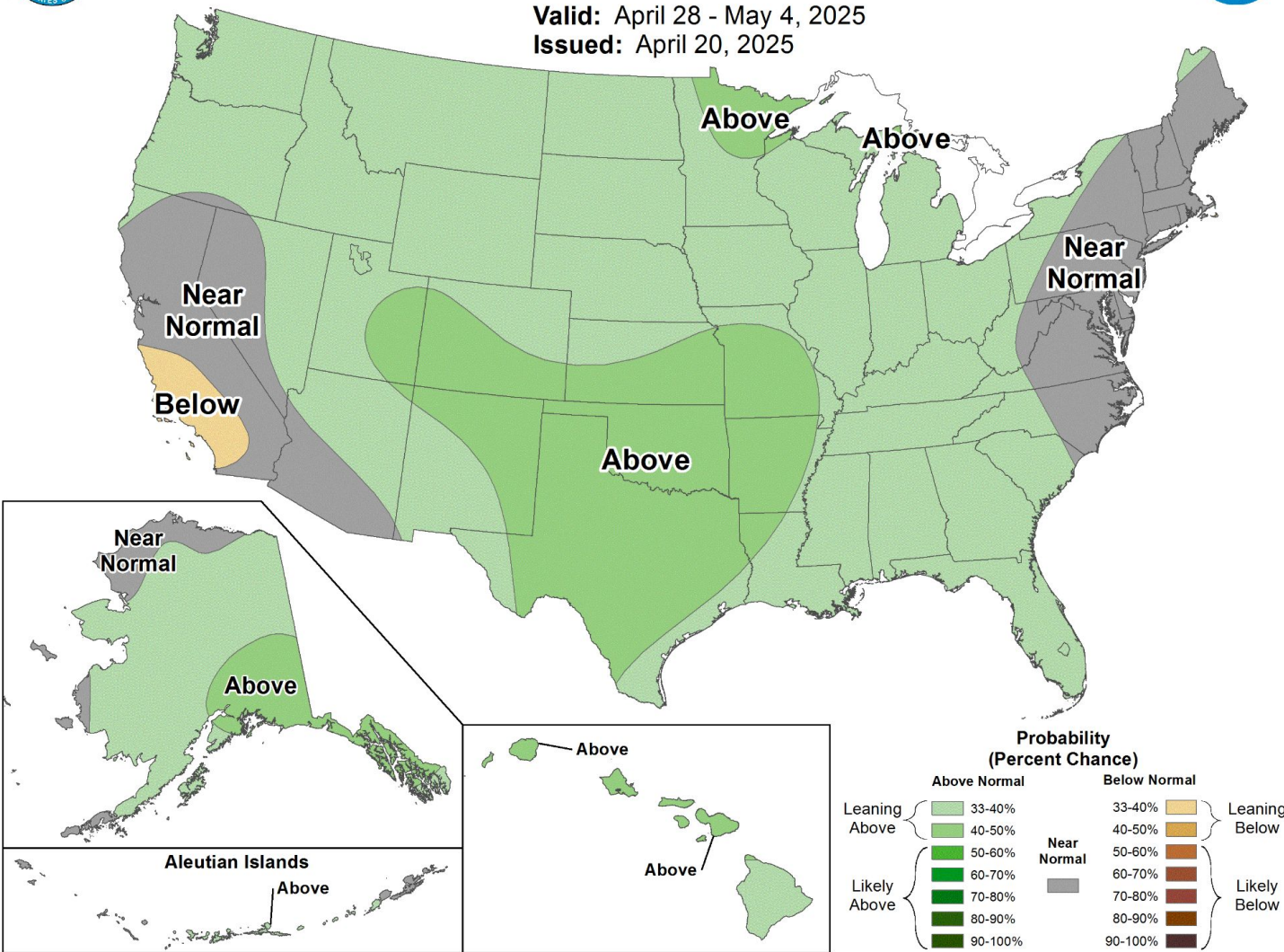
Valid: April 28 - May 4, 2025
Issued: April 20, 2025



8-14 Day Precipitation Outlook



Valid: April 28 - May 4, 2025
Issued: April 20, 2025





Rainfall & Thunderstorm Probabilities

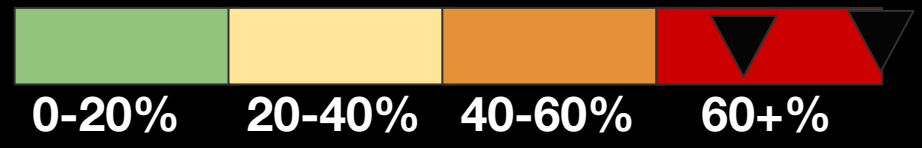
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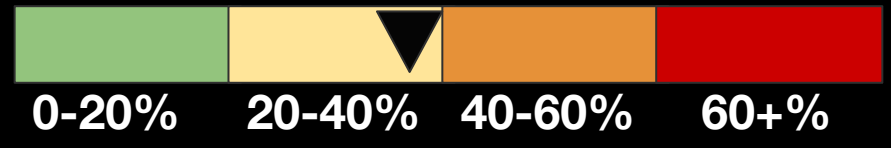
Rainfall Probabilities



Any Rainfall

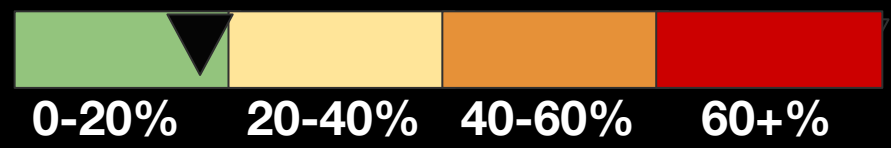


At least 1"



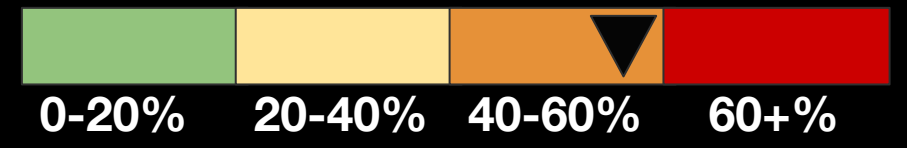
Extreme Rainfall Risk

(At Least 2" of Rain + Ranking in Top 10% For This Period)










Thunderstorms

Probability for Thunderstorms



Probability Category	Severe Potential?
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	Apr 28	No
	Apr 29	No
	Apr 30	No
	May 1	No
	May 2	No
	May 3	Possible
	May 4	Possible





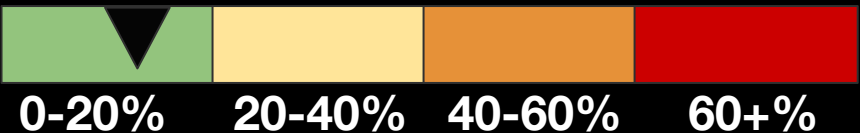
Fire Weather & River Flooding Concerns

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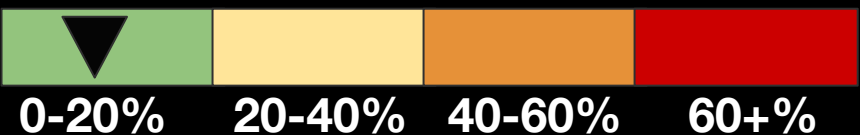
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Fire Weather Probabilities

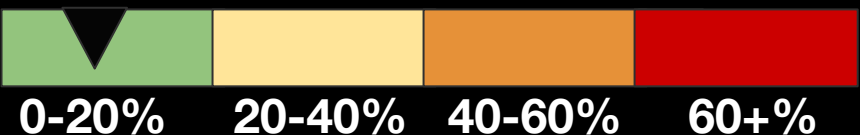
Relative Humidity Values Below 25%



Potential for Rapid Drying of Fuels

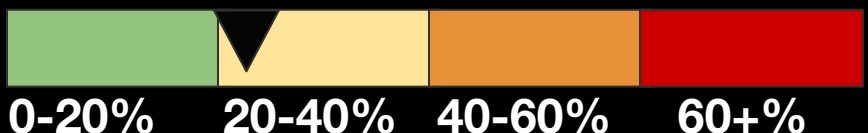


Potential for Elevated/Critical Conditions

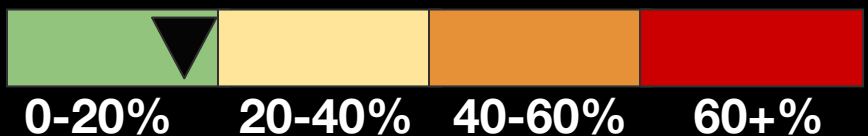


River Flooding Probabilities

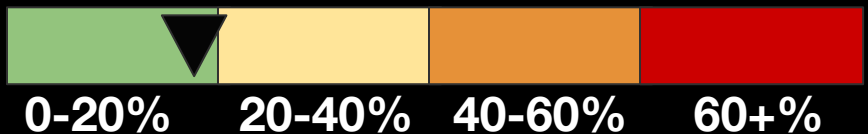
Rivers Reaching Bankfull (Action Stage)



Rivers Reaching Minor Flood Stage



Rivers Reaching Moderate or Higher Stage





Reminders and Notes

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Spotter Training Webinars/Classes

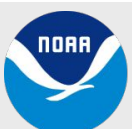
- Severe Weather Spotter Training Classes
 - Monday, April 21 6:00pm Kuttawa, KY
 - Thursday May 15 6:00 PM Fairview, KY

Elite Training
Basic Training



DSS Events/Weather Support

- If you have a large outdoor event (~5000 attendees or more) that you would like us to provide on-site weather support, please let us know by emailing Christine at christine.wielgos@noaa.gov.





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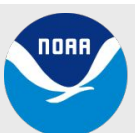
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**Next Weekly Partner
Call: Monday,
April 28th**

Have a Safe Week!



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