

NWS Paducah Weekly Partner Call

Monday, June 23rd, 2025 - 11 AM CDT

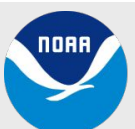
Welcome!

Christine Wielgos
Warning Coordination
Meteorologist

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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

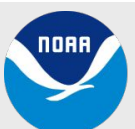


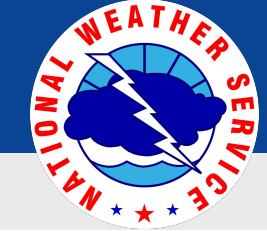
Key Messages for This Week

Valid Monday, June 23, 2025, to Sunday, June 29, 2025.

Key Messages

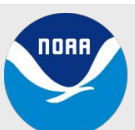
- Heat Advisory in effect through Friday.
- Heat index values range from 100 to 107 degrees through at least Thursday.
- Long duration heat wave which will likely cause some heat related illnesses.
- Chances for some widely scattered afternoon storms each day.
- Some relief may be had by the end of the week and the weekend.

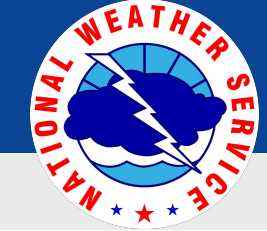




High Temperatures today through Sunday

	6/23 Mon	6/24 Tue	6/25 Wed	6/26 Thu	6/27 Fri	6/28 Sat	6/29 Sun
Cape Girardeau	94	93	95	97	97	96	96
Carbondale	94	93	95	96	96	94	95
Evansville	94	94	95	96	95	94	93
Harrisburg	94	93	94	95	94	94	93
Henderson	93	93	93	93	93	91	91
Hopkinsville	92	94	95	95	94	94	93
Madisonville	93	94	93	93	94	92	92
Marble Hill	93	92	95	96	97	96	95
Mount Carmel	94	94	94	95	94	92	93
Mount Vernon	94	94	94	95	94	93	93
Murray	92	92	94	93	93	93	92
New Madrid	94	93	95	95	95	94	94
Owensboro	93	94	94	93	94	92	92
Paducah	94	93	96	96	97	95	96
Poplar Bluff	94	93	95	96	97	96	96

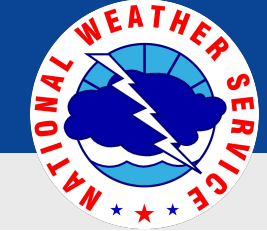




Low Temperatures today through Sunday

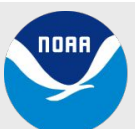
	6/24 Tue	6/25 Wed	6/26 Thu	6/27 Fri	6/28 Sat	6/29 Sun	6/30 Mon
Cape Girardeau	75	76	76	76	76	75	76
Carbondale	76	76	76	76	76	75	76
Evansville	77	76	76	76	76	75	77
Harrisburg	75	76	76	76	75	75	76
Henderson	76	76	76	76	76	75	73
Hopkinsville	74	74	74	74	74	74	73
Madisonville	75	75	75	75	74	74	73
Marble Hill	73	73	74	74	73	73	75
Mount Carmel	76	76	76	76	75	74	72
Mount Vernon	76	76	76	75	75	74	75
Murray	74	74	74	74	74	74	72
New Madrid	77	76	76	76	76	77	74
Owensboro	77	76	76	76	76	75	74
Paducah	75	75	75	76	75	75	73
Poplar Bluff	75	75	74	74	75	75	73

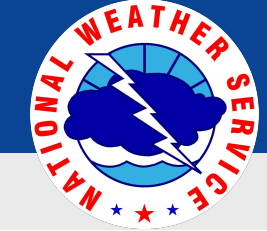




Heat Index Values today through Sunday

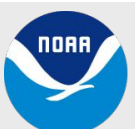
	6/23 Mon	6/24 Tue	6/25 Wed	6/26 Thu	6/27 Fri	6/28 Sat	6/29 Sun
Cape Girardeau	104	104	105	104	104	105	104
Carbondale	104	102	103	103	102	101	101
Evansville	103	103	103	101	101	100	99
Harrisburg	101	100	101	100	100	99	98
Henderson	103	103	101	101	101	100	99
Hopkinsville	102	104	104	102	101	102	100
Madisonville	103	102	101	101	101	100	100
Marble Hill	103	101	103	102	102	102	101
Mount Carmel	101	102	99	99	99	97	98
Mount Vernon	102	100	99	100	100	98	98
Murray	103	103	103	103	101	103	101
New Madrid	102	100	101	100	101	102	100
Owensboro	104	105	103	102	101	101	100
Paducah	105	102	105	103	104	103	103
Poplar Bluff	104	102	103	102	102	102	102

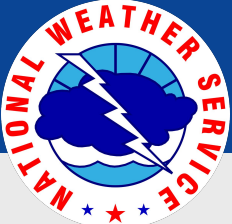




Rain chances today through Sunday

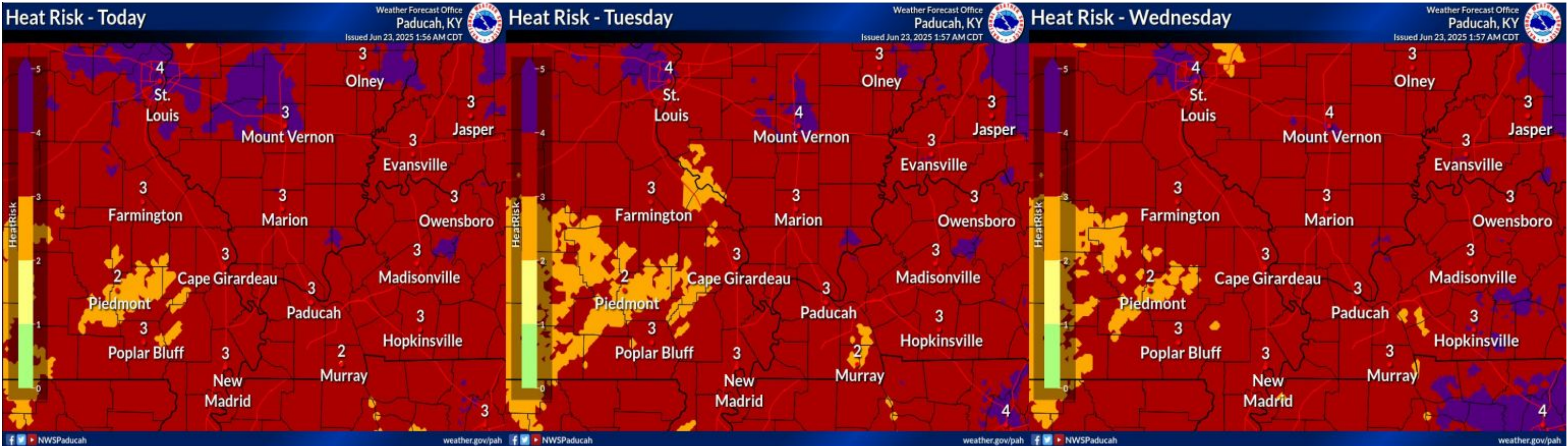
	6/23	6/24	6/25	6/26	6/27	6/28	6/29
	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Cape Girardeau	15	20	10	5	15	25	30
Carbondale	15	20	10	10	20	25	30
Evansville	15	15	10	15	25	40	40
Harrisburg	15	20	10	10	25	35	35
Henderson	15	15	10	15	25	40	40
Hopkinsville	15	10	5	10	25	40	40
Madisonville	15	10	5	10	25	40	40
Marble Hill	15	20	10	5	10	20	25
Mount Carmel	10	20	15	20	30	40	40
Mount Vernon	10	20	15	15	25	35	35
Murray	15	10	5	10	20	35	40
New Madrid	15	15	5	5	15	25	30
Owensboro	15	15	10	15	30	45	45
Paducah	15	15	10	10	20	30	35
Poplar Bluff	15	20	10	5	10	20	25





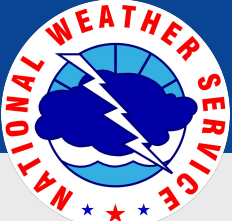
Potential Heat Impacts

Takes into consideration how unusual the heat is for time of year, the duration and potential for impacts.



Category	Risk of Heat-Related Impacts	
Green 0	Little to no risk from expected heat.	
Yellow 1	Minor - This level of heat affects primarily those individuals extremely sensitive to heat, especially when outdoors without effective cooling and/or adequate hydration.	
	Orange 2	Moderate - This level of heat affects most individuals sensitive to heat, especially those without effective cooling and/or adequate hydration. Impacts possible in some health systems and in heat-sensitive industries.
	Red 3	Major - This level of heat affects anyone without effective cooling and/or adequate hydration. Impacts likely in some health systems, heat-sensitive industries and infrastructure.
	Magenta 4	Extreme - This level of rare and/or long-duration extreme heat with little to no overnight relief affects anyone without effective cooling and/or adequate hydration. Impacts likely in most health systems, heat-sensitive industries and infrastructure.





Heat Safety Graphics

Heat Safety Tips and Resources

[Weather.gov](#) > [Safety](#) > Heat Safety Tips and Resources

Safety
National Program

- Heat Safety
- Watches and Warnings
- Heat Forecast Tools
- During a Heat Wave
- Heat Related Illnesses

Heat Impacts: Vulnerable Populations

PREGNANT

Extreme heat events have been associated with adverse birth outcomes such as low birth weight, preterm birth, infant mortality, and congenital cataracts.

NEWBORNS

Newborns are extra sensitive to heat because their ability to regulate body temperature is limited.

CHILDREN

Young children and infants are particularly vulnerable to heat, as their bodies are less able to adapt to heat than adults. Those under four are especially vulnerable.

ELDERLY

Older adults, especially those who have preexisting diseases, take certain medications, live alone or have limited mobility are at higher risk for heat illness.

CHRONIC ILLNESS

People with chronic medical conditions are more likely to have a serious health problem during a heat wave.

Source:
The Impacts of Climate Change on Human Health in the United States,
A Scientific Assessment (U.S. Global Changes Research Program)

weather.gov



- Heat Safety Resources
- Heat.gov
 - Children, Pets and Vehicles
 - Seasonal Safety Campaign
 - Ultraviolet (UV) Safety
 - Games and Activities for Kids
 - Survivor Stories
 - Education and Outreach
 - Links and Partners

<https://www.weather.gov/safety/heat>

Heat is the leading weather-related killer in the United States, resulting in hundreds of fatalities each year. Heat can be very taxing on the body and can lead to [heat related illnesses](#) or make existing health conditions worse. Everyone can be vulnerable to heat, but some more so than others. According to [The Impacts Of Climate Change On Human Health In The United States: A Scientific Assessment](#) the following groups are particularly vulnerable to heat; check in with friends and relatives who fall in one of these populations, especially if they don't have air conditioning.

- **Young children and infants** are particularly vulnerable to heat-related illness and death, as their bodies are less able to adapt to heat than are adults.
- **Older adults**, particularly those who have pre-existing diseases, take certain medications, are living alone or have limited mobility who are exposed to extreme heat can experience multiple adverse effects.
- **People with chronic medical conditions** are more likely to have a serious health problem during a heat wave than healthy people.
- **Pregnant women are also at higher risk.** Extreme heat events have been associated with adverse birth outcomes such as low birth weight, preterm birth, and infant mortality, as well as congenital cataracts.

NWS Safety information on Children, Pets and Vehicles: It is **NEVER** safe to leave a child, disabled person or pet locked in a car, even in the winter. If you have a toddler in your household, lock your cars, even in your own driveway. Kids may play in cars or wander outside and get into a car and can die in 10 minutes! **A reported 39 children died in hot cars in 2024. To see the latest information, go to this [link](#).** Deaths routinely are reported as early as April and tragedies continue into December in southern states.



Temperature & Precipitation Outlook

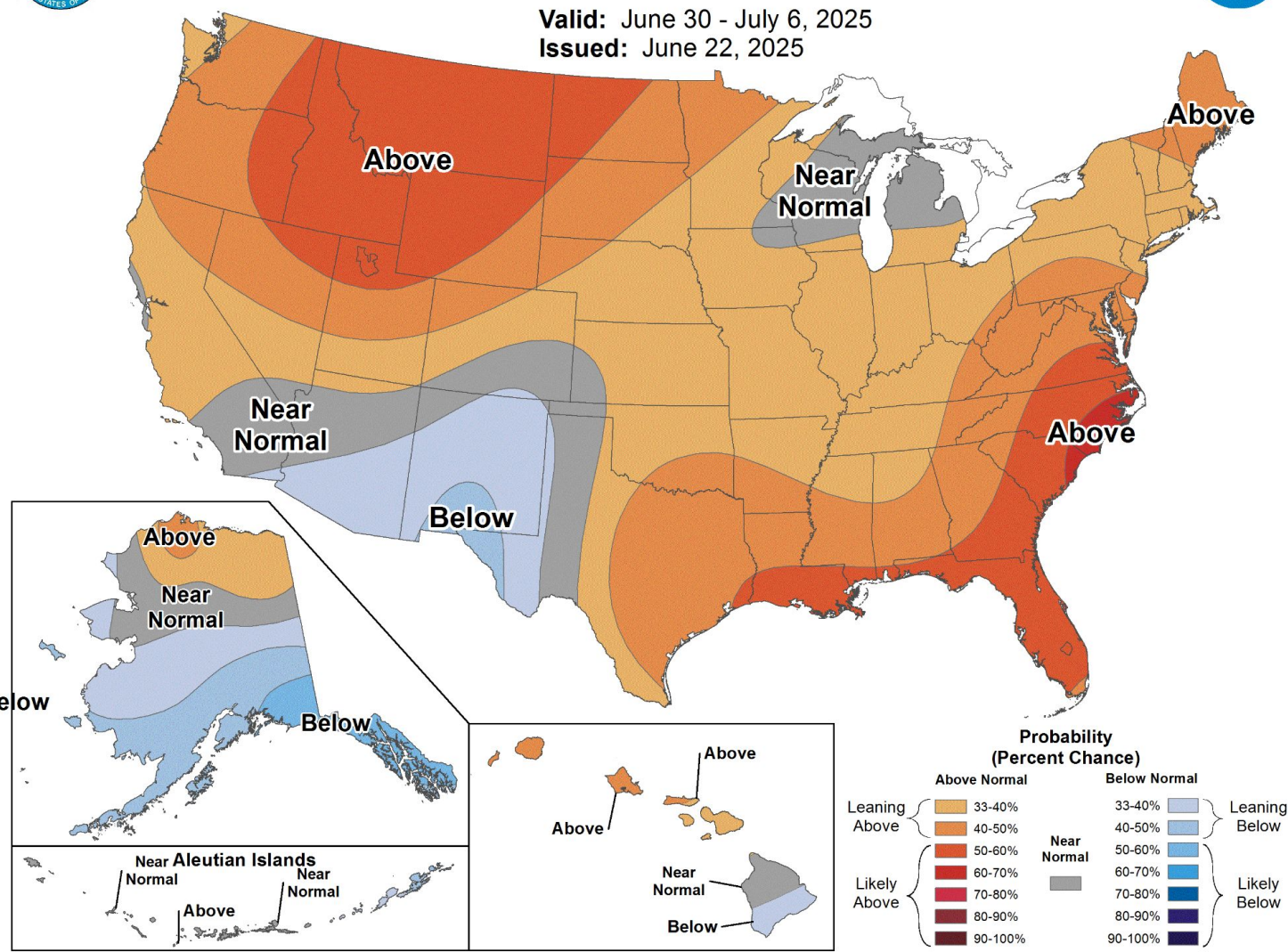
Valid June 30 to July 6, 2025

Climate Prediction Center cpc.ncep.noaa.gov



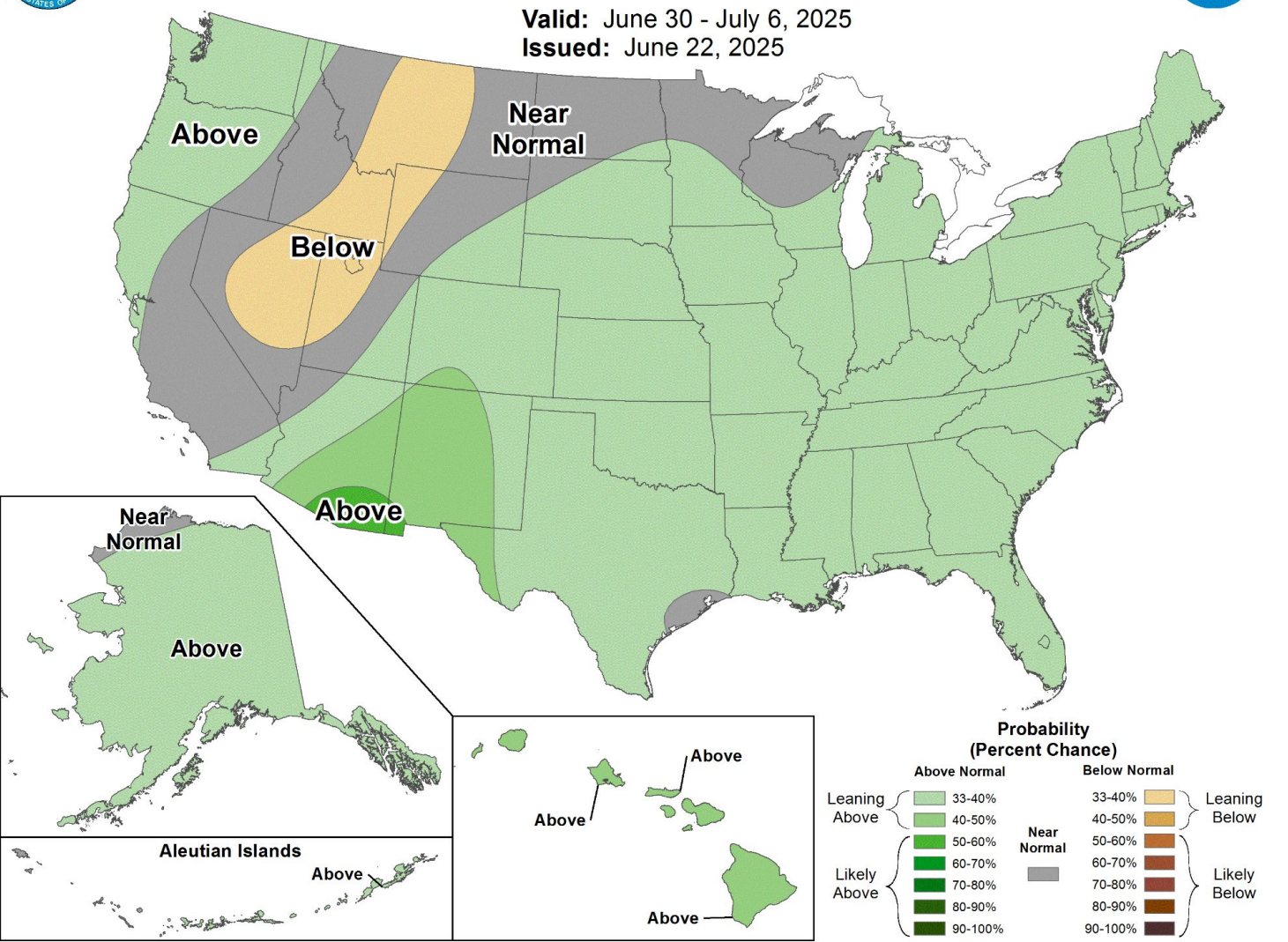
8-14 Day Temperature Outlook

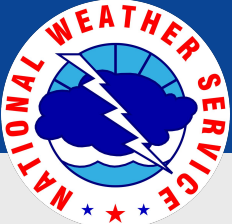
Valid: June 30 - July 6, 2025
Issued: June 22, 2025



8-14 Day Precipitation Outlook

Valid: June 30 - July 6, 2025
Issued: June 22, 2025





Lightning Safety Awareness Week June 22-28

Graphics will be sent out each day:

- Help us spread the word about lightning safety by sharing our graphics this week.

Lightning Death Statistics

YEAR	U.S. Deaths
2010	29
2011	25
2012	29
2013	23
2014	26
2015	28
2016	40
2017	16
2018	21
2019	21
2020	17
2021	11
2022	19
2023	14
2024	12



The Deadly Dozen

The twelve activities that contributed most to U.S. lightning fatalities between 2006 and 2024.

Activity	# of Deaths (%)
Fishing	42 (9%)
Beach	32 (7%)
Boating	25 (5%)
Farming or Ranching	24 (5%)
Camping	23 (5%)
Roofing	20 (4%)
Riding Bicycle , Motorcycle , or ATV	20 (4%)
Social gathering	19 (4%)
Construction	16 (3%)
Headed to/from or waiting for vehicle	16 (3%)
Yardwork	15 (3%)
Golf	14 (3%)
Total	266 (54%)

<http://lightningsafetycouncil.org/>

Compiled by John Jensenius
National Lightning Safety Council



NATIONAL WEATHER SERVICE - PADUCAH KY



NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

HOMEFORECASTPAST WEATHERSAFETYINFORMATIONEDUCATIONNEWSSEARCHABOUT

Local forecast by
"City, St" or ZIP code
 Enter location ...

[Location Help](#)

News Headlines
▪ [Lightning Safety Awareness Week June 22-28 2025](#)

HEATWAVE CONTINUES
THROUGH ENTIRE WEEK
Click to view briefing.

MY FORECAST
2 Miles ENE Paducah KY

Fair
78°F
26°C
Get Detailed Info

NWS Forecast Office Paducah, KY
[Weather.gov](#) > Paducah, KY

Current HazardsCurrent ConditionsRadarForecastsRivers and LakesClimate and Past WeatherLocal Programs

Click a location below for detailed forecast.

Last Map Update: Mon, Jun 23, 2025 at 7:50:22 am CDT

[Watches, Warnings & Advisories](#)
[Flood Warning](#)
[Extreme Heat Warning](#)
[Heat Advisory](#)
[Hazardous Weather Outlook](#)

Today

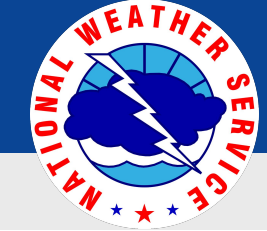
Sunny then Slight Chance T-storms
High: 94°F

Tonight

Slight Chance T-storms
Low: 75°F
[change location](#)

weather.gov/pah





Reminders and Notes

Past Severe Weather Information:

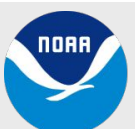
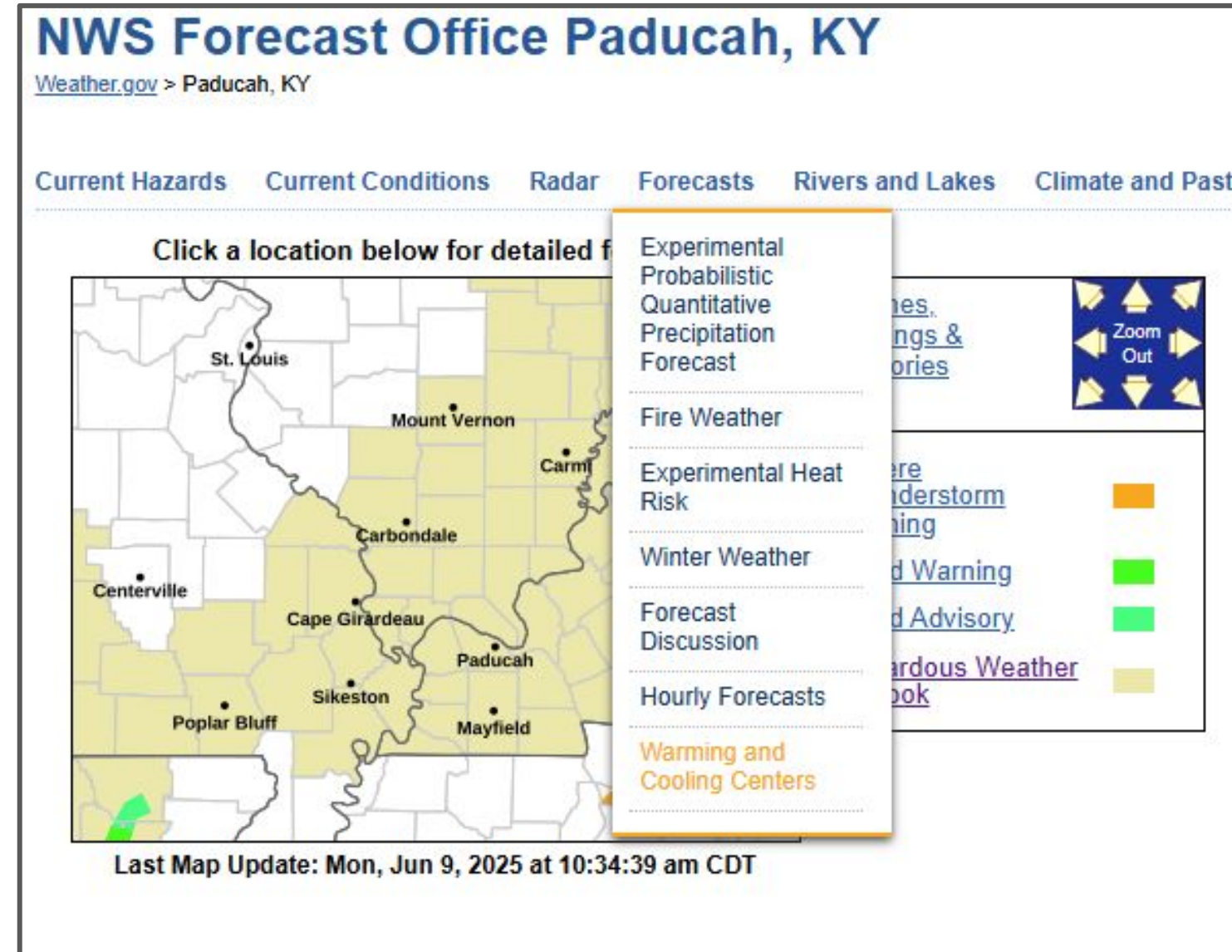
- If you need to access information about past severe weather events, you can find a list of them on our website at <https://www.weather.gov/pah/events>
- Need shapefiles or KMZ files from recent tornado events? You can access them on the Damage Assessment Toolkit viewer online (may need to adjust dates in top right corner): <https://apps.dat.noaa.gov/StormDamage/DamageViewer/>

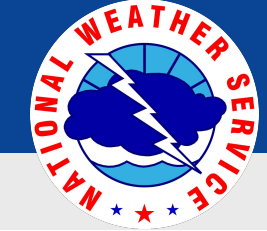
DSS Events/Weather Support

- 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.

Cooling Center Support Webpage

- <https://www.weather.gov/pah/WarmingCoolingCenters>





NWS Paducah Weekly Partner Call

**Next Weekly Partner Call:
Monday,
June 30, 2025
at 11 AM CDT.**

Have a Great Week!



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

