



Key Messages

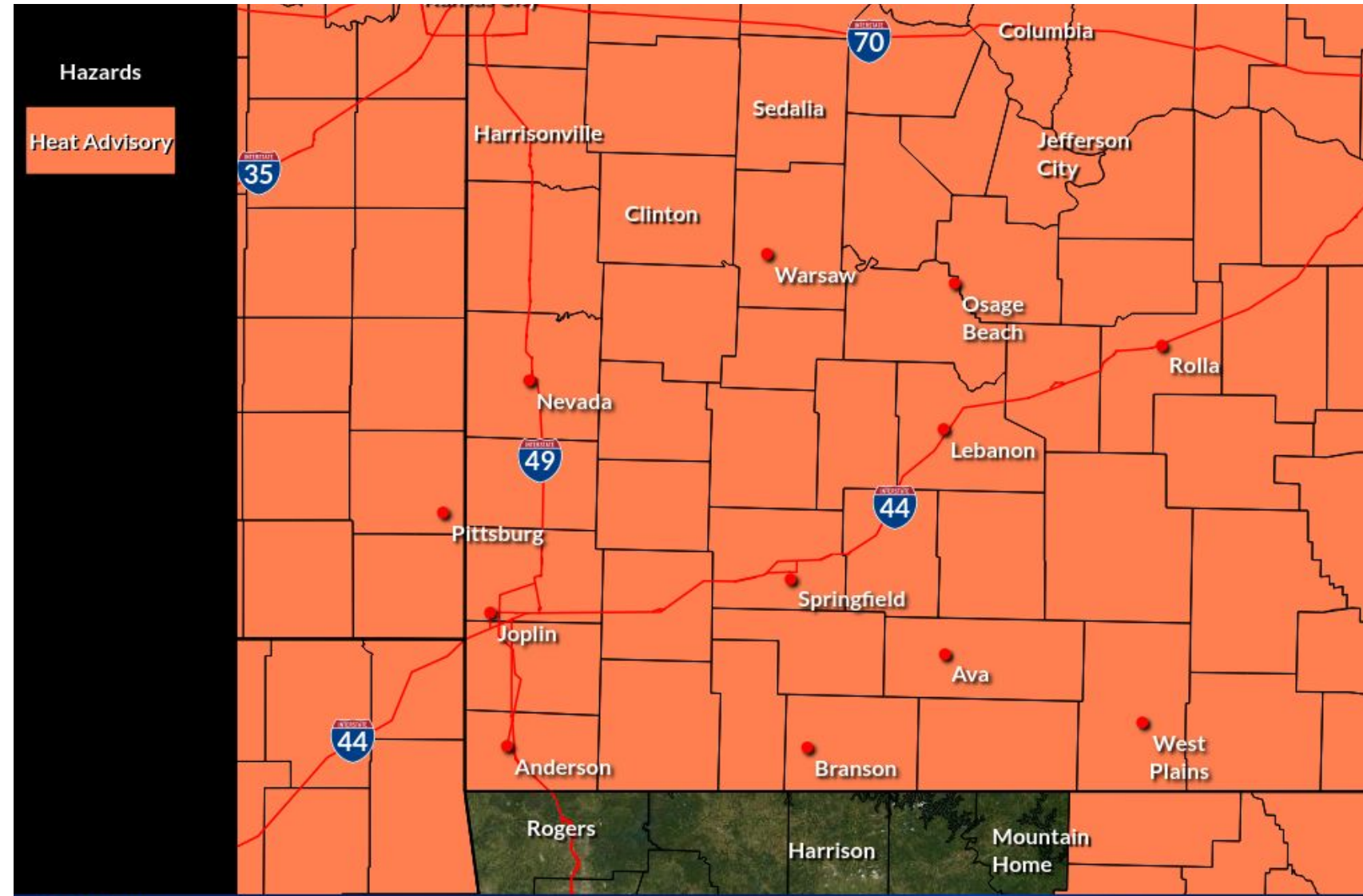
- **Heat Advisory** in effect starting at 12 PM today as Heat Index values climb up to 100-105 F.
- First heat of the season and warm nighttime temperatures may heighten heat-related impacts.
- **Marginal (1 of 5) to Slight (2 of 5)** Severe Risk for strong to severe thunderstorms Wednesday night, and especially Thursday afternoon and evening.

NEW Important Updates

- No changes to current products.
- Added details on the heat and severe weather outlooks.

Next Scheduled Briefing

- Tuesday Afternoon by 6 PM



Heat Advisory Today

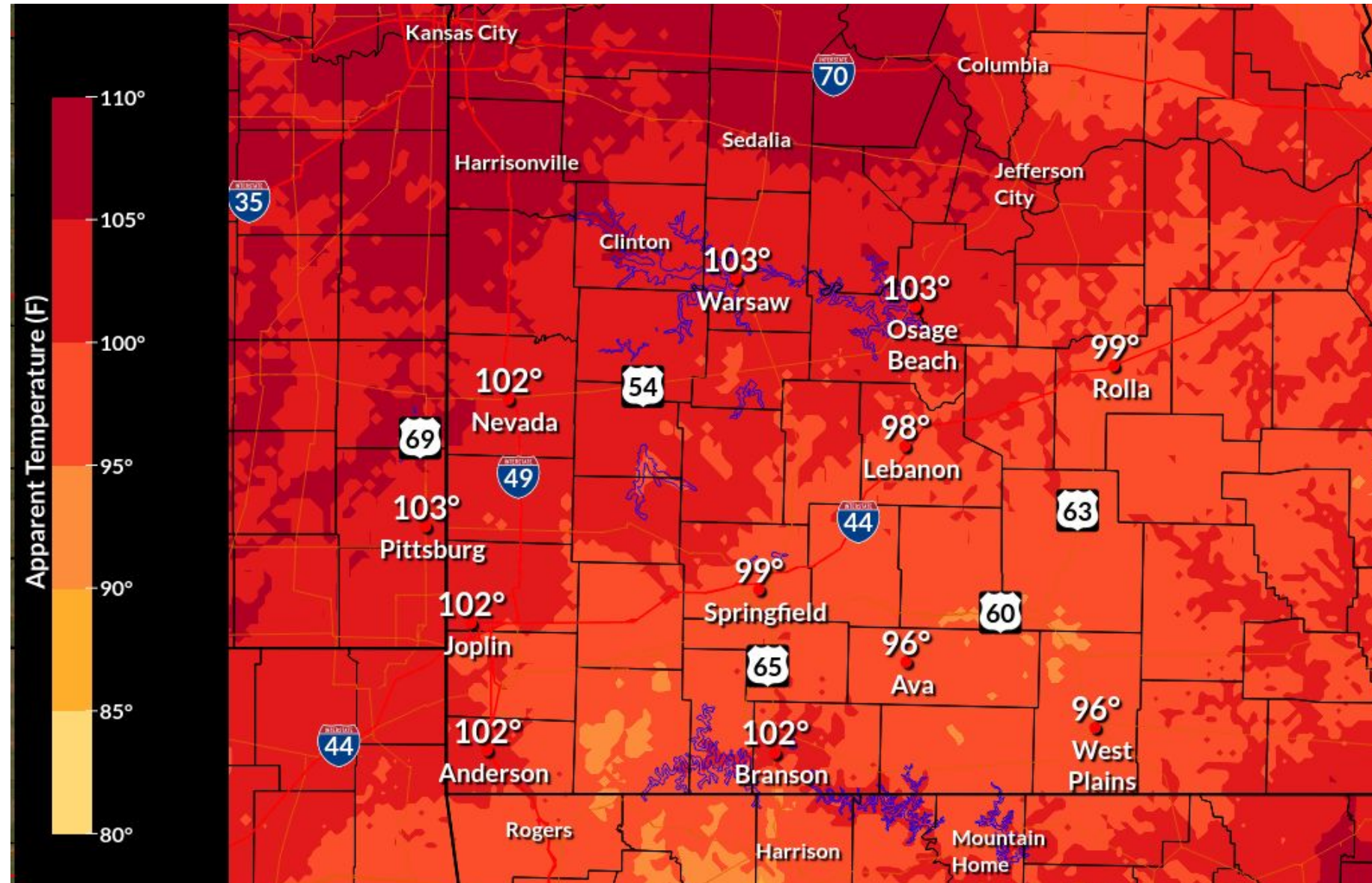


Heat Index Today

June 9, 2026
4:22 AM

Details

- Abnormal warmth and humidity for early June will allow Heat Index values to climb to the 100-105 F range.
- First heat of the season may heighten heat-related impacts.
- Warm nighttime temperatures in the lower to middle 70s will provide little relief from the daytime heat for those without ample cooling methods.



Heat Index Today



Understanding Heat Index

Heat Index		
Classification	Heat Index (°F)	Effect on the Body
Caution	80 to 89	Fatigue possible with prolonged exposure and/or physical activity.
Extreme Caution	90 to 102	Heat stroke, heat cramps or heat exhaustion possible with prolonged exposure and/or physical activity.
Danger	103 to 124	Heat cramps or heat exhaustion likely, and heat stroke possible with prolonged exposure and/or physical activity.
Extreme Danger	125 or higher	Heatstroke highly likely with continued exposure.

Heat Index is the most commonly used and understood heat tool by the general public. The higher the values the hotter it's going to feel and the higher the threat for heat related illnesses. It's calculated from the temperature and relative humidity. Heat Index assumes you are in the shade. The Heat Index or the "Apparent Temperature" is an accurate measure of how hot it really feels when the Relative Humidity (RH) is added to the actual air temperature.

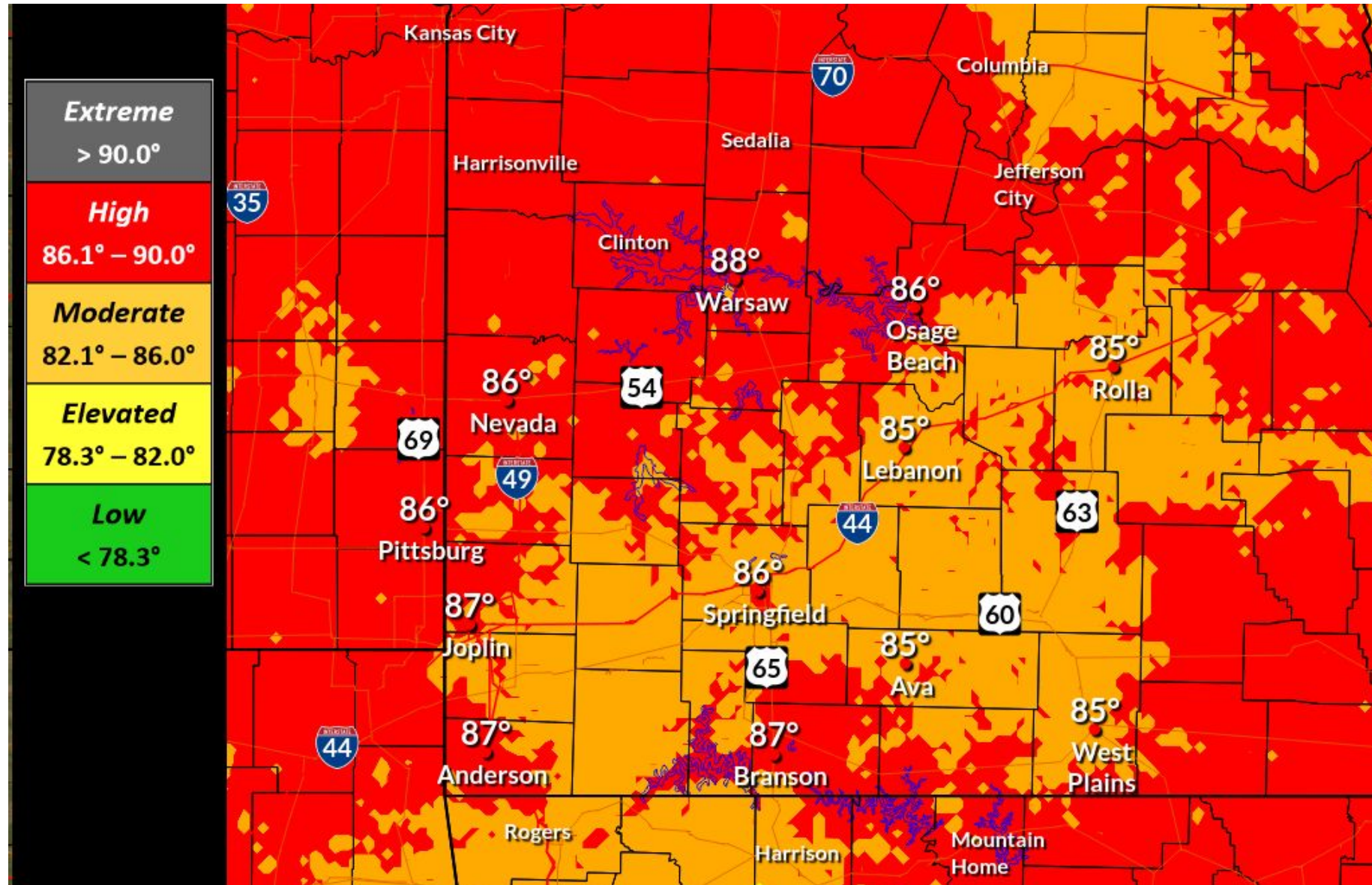


Wet Bulb Globe Temperature Today

June 9, 2026
4:22 AM

Details

- Wind speeds of 13-18 mph with gusts up to 20-25 mph will keep Wet Bulb Globe Temperatures slightly lower than without the wind, which may temper the full extent of heat impacts.
- That said, with these temperatures, heat-related illnesses could onset after 20-30 minutes for those working or exercising in direct sunlight.



Wet Bulb Globe Temperature Today



Understanding Wet Bulb Globe Temperatures

June 9, 2026
4:22 AM

Wet Bulb Globe Temperature (WBGT)			
Threat Level	WBGT (°F)	Effects	Call to Actions
Low	< 78.3	Normal activities.	Take at least 3-5 minutes of breaks each hour if working or exercising in direct sunlight.
Elevated	78.3 – 82.0	Working or exercising in direct sunlight will stress your body after 45 minutes.	Take at least 15 minutes of breaks each hour if working or exercising in direct sunlight.
Moderate	82.1 – 86.0	Working or exercising in direct sunlight will stress your body after 30 minutes.	Take at least 30 minutes of breaks each hour if working or exercising in direct sunlight.
High	86.1 – 90.0	Working or exercising in direct sunlight will stress your body after 20 minutes.	Take at least 40 minutes of breaks each hour if working or exercising in direct sunlight.
Extreme	> 90.0	Working or exercising in direct sunlight will stress your body after 15 minutes.	Take at least 45 minutes of breaks each hour if working or exercising in direct sunlight.
<p><i>Wet Bulb Globe Temperature (WBGT) is a measure of the heat stress in direct sunlight, which takes into account: temperature, humidity, wind speed, sun angle and cloud cover (solar radiation). This differs from the heat index, which takes into consideration temperature and humidity and is calculated for shady areas. a particularly effective indicator of heat stress for active populations such as outdoor workers and athletes. Always check with local officials for appropriate actions and activity levels. Experienced heat stress will depend upon duration and intensity of activity and personal health and vulnerability.</i></p>			

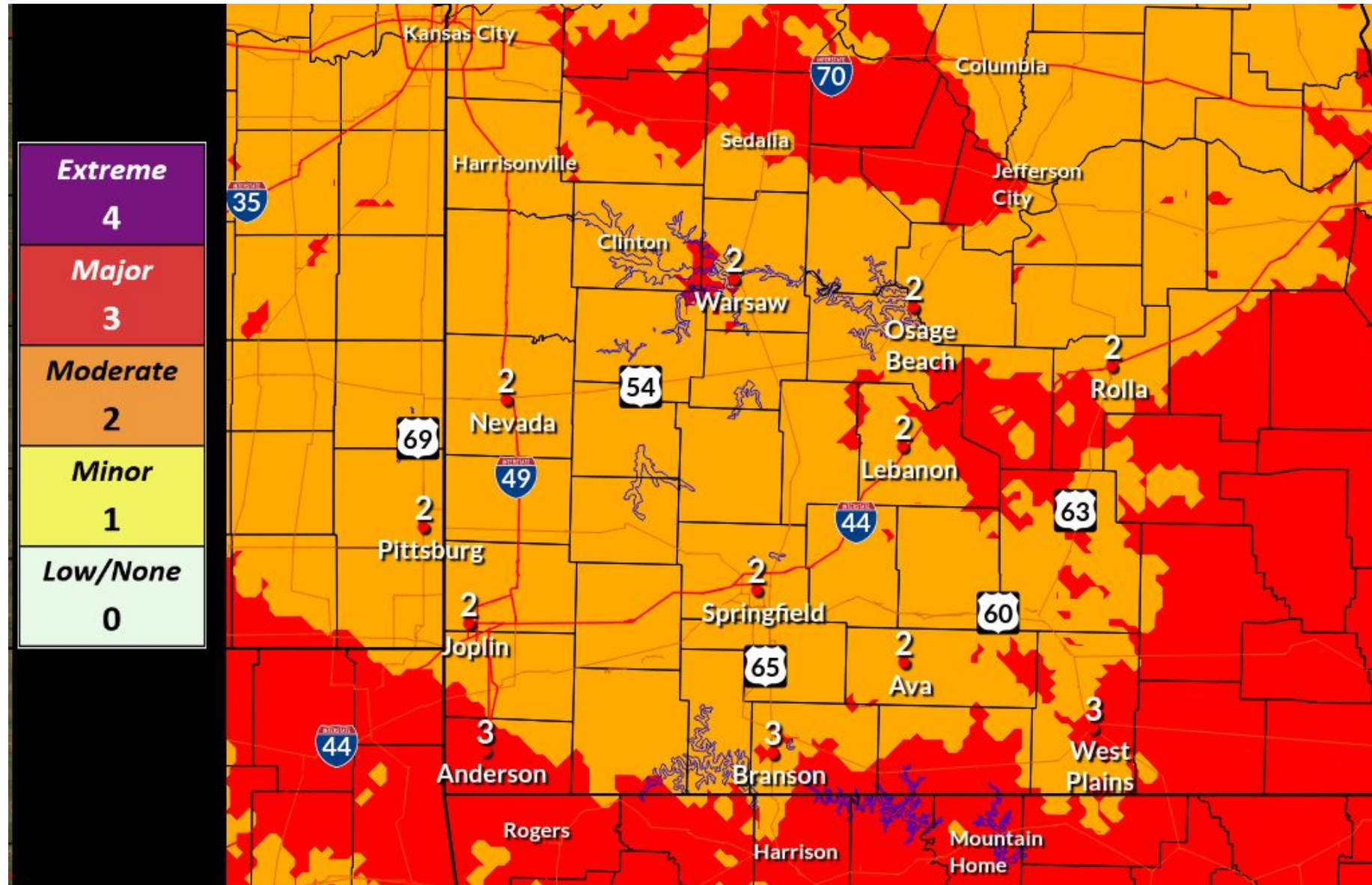


Heat Risk Today

June 9, 2026
4:22 AM

Details

- First heat of the season may heighten heat-related impacts, especially those working outside and/or without ample cooling/hydration.
- Warm nighttime temperatures in the lower to middle 70s will provide little relief from the daytime heat for those without ample cooling methods.



Heat Risk Today



Understanding NWS HeatRisk

June 9, 2026
4:22 AM

NWS HeatRisk		
Category		Risk of Heat-Related Impacts
0	Low/None	Little to no risk from expected heat.
1	Minor	Primarily affects individuals extremely sensitive to heat, especially when outdoors without effective cooling and/or adequate hydration.
2	Moderate	Affects most individuals sensitive to heat, especially when outdoors without effective cooling and/or adequate hydration. Impacts possible in some health systems and in heat-sensitive industries.
3	Major	Affects anyone without effective cooling and/or adequate hydration. Impacts likely in some health systems, heat-sensitive industries, and infrastructure.
4	Extreme	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.

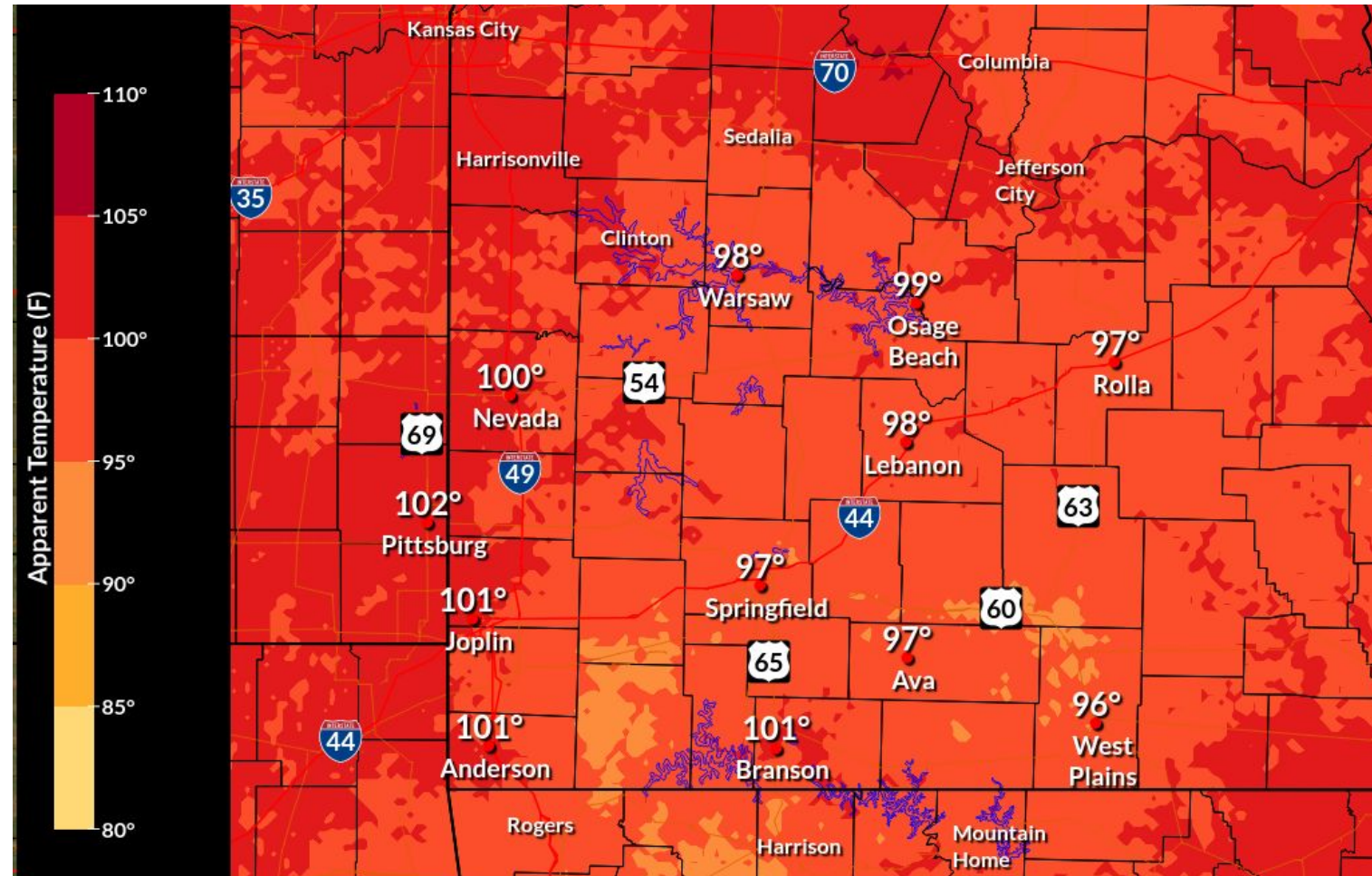
The NWS HeatRisk is an experimental color-numeric-based index that provides a forecast risk of heat-related impacts to occur over a 24-hour period. HeatRisk takes into consideration: How unusual the heat is for the time of the year. The duration of the heat including both daytime and nighttime temperatures. If those temperatures pose an elevated risk of heat-related impacts based on data from the CDC.



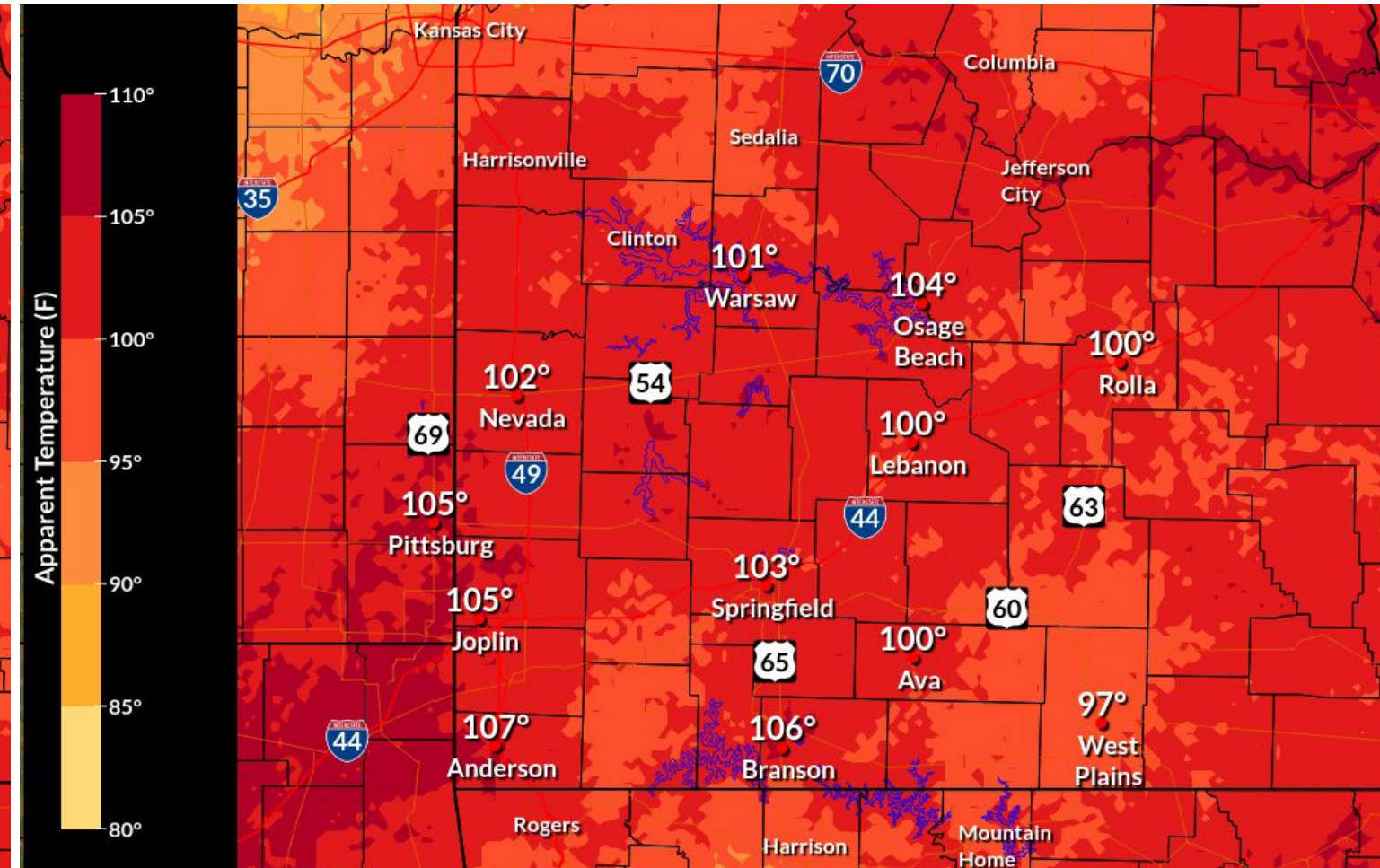
Heat Index Forecast

June 9, 2026
4:22 AM

Wednesday and Thursday



Heat Index Wednesday



Heat Index Thursday



Severe Outlook for Wednesday

June 9, 2026
4:22 AM

Confidence in severe weather occurring Wednesday is overall low.

What

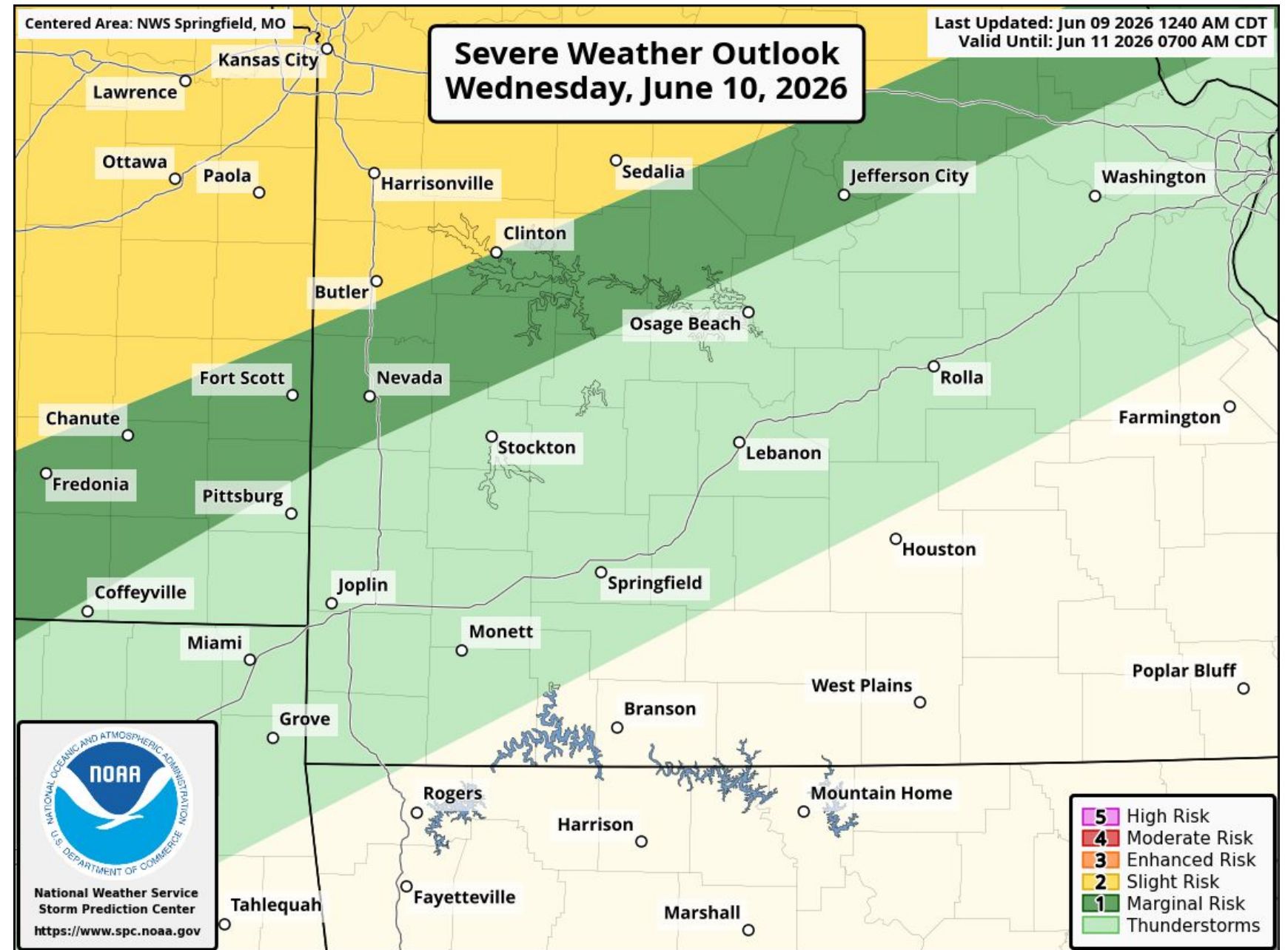
- The remnants of thunderstorms that develop in Kansas and northern Missouri have a 15-30% chance of making it into our northwestern counties. If they do, a Marginal (1 of 5) Risk for severe thunderstorms exists.

Where

- Extreme southeast Kansas and west-central Missouri

When

- Late Wednesday night





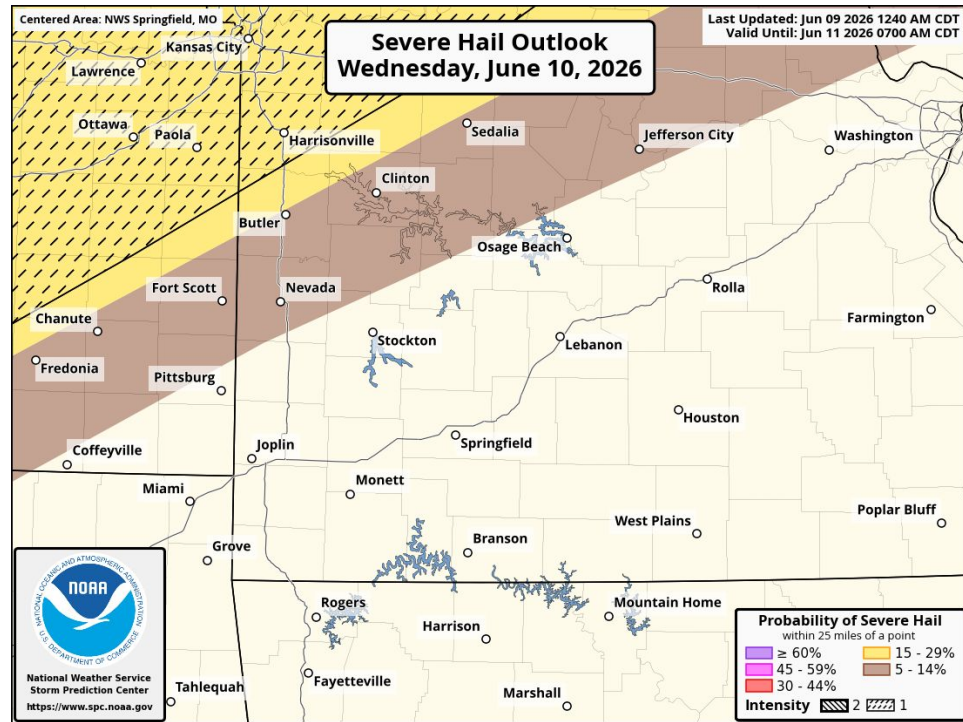
Severe Outlook Hazard Probabilities

June 9, 2026
4:22 AM

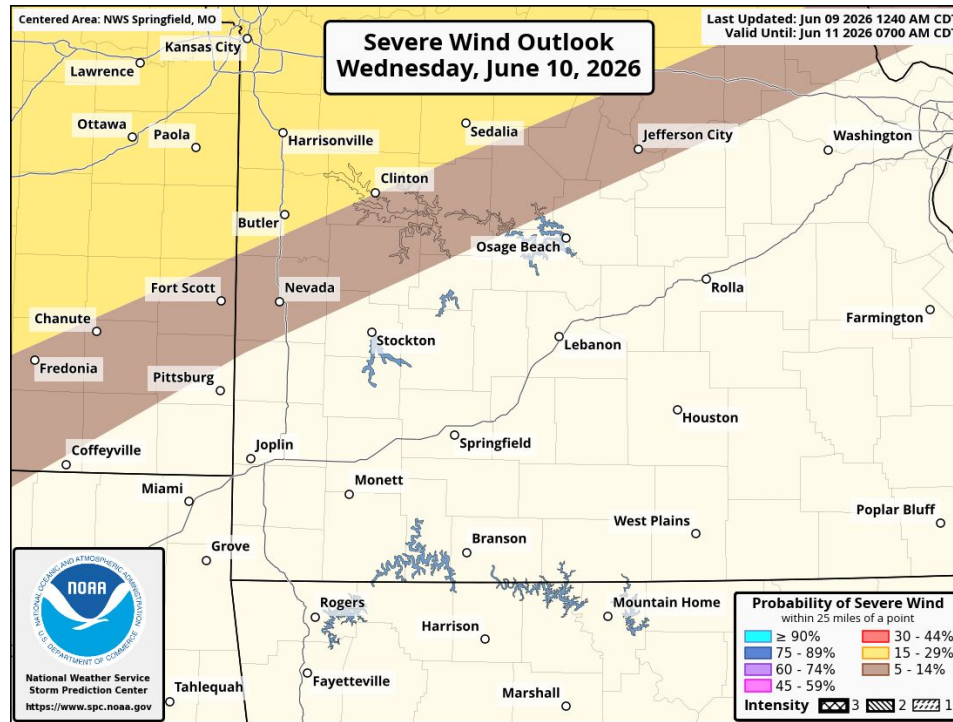
Wednesday night, if storms make it into the area.



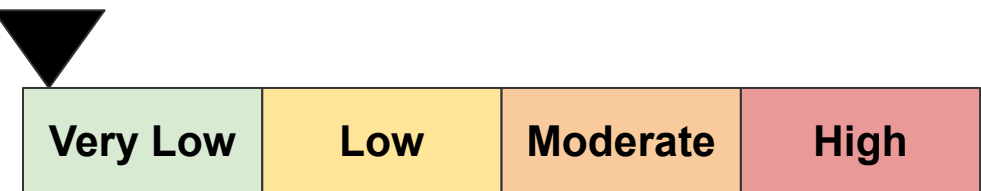
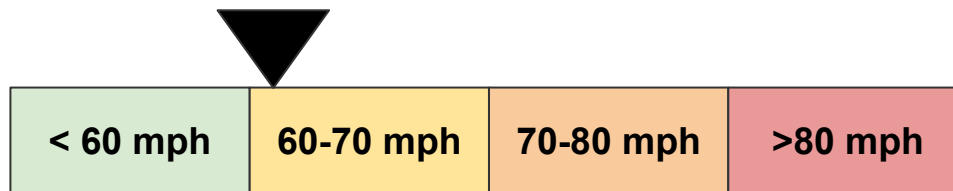
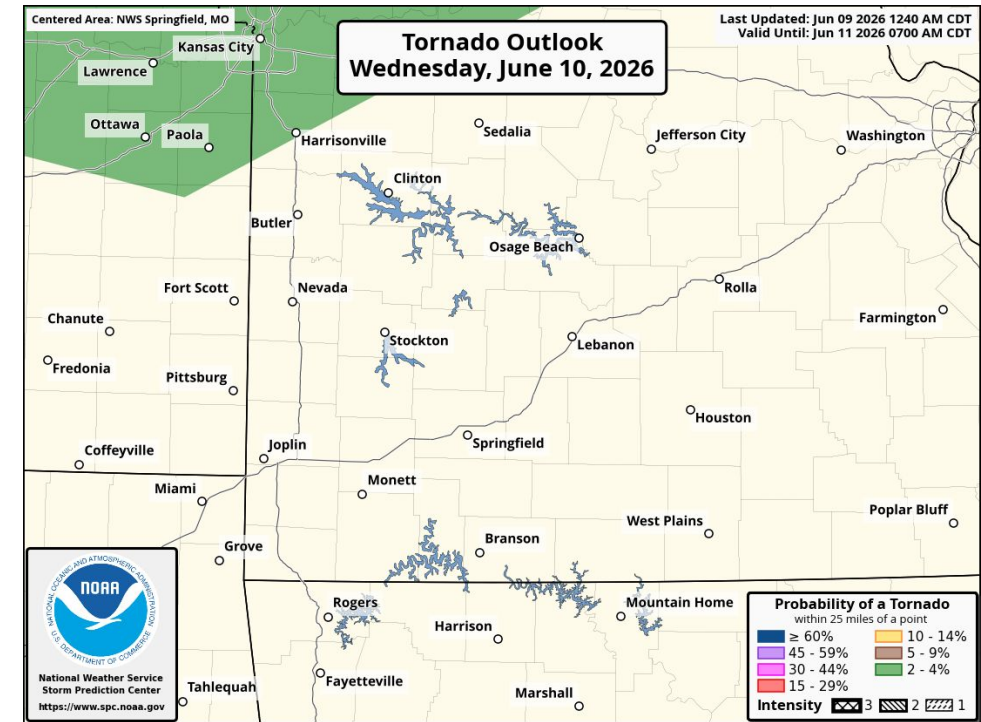
Hail Probability



Wind Probability



Tornado Probability





Severe Outlook for Thursday

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4:22 AM

Primary hazards will depend on amount of shear present

Overview

Thunderstorms, some strong to severe, are expected to develop along a cold front Thursday afternoon and evening.

Actions



Be weather aware and ready to act. Have multiple ways to receive warning information!

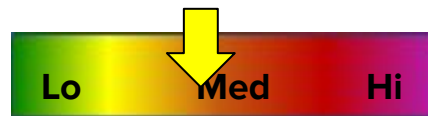
Confidence in Hazards



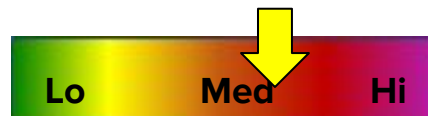
Tornado



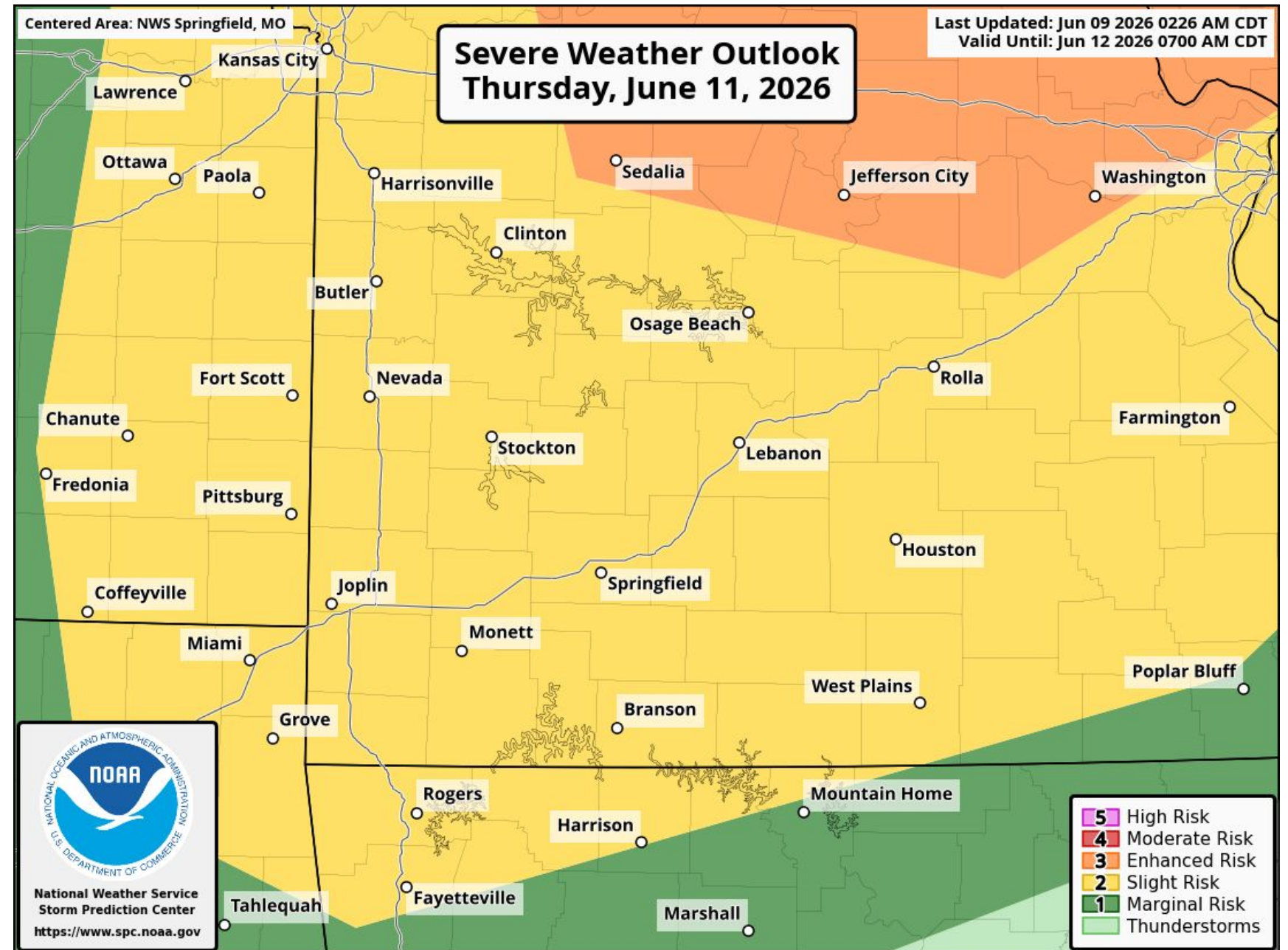
Hail



Wind



Flooding





Additional Resources

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For Additional Information

- [NWS Springfield Webpage](#)
- [IDSS Point Forecasts](#)
- [Graphical Hazardous Weather Outlook](#)
- [CPC Day 8 to 14 Risk of Hazardous Temperatures](#)
- [Week 2 Global Probabilistic Extreme Forecast Tool](#)
- [Wet Bulb Globe and Heat Index Forecasts](#)
- [Experimental HeatRisk Forecast](#)
- [Wet Bulb Globe Temperature and Heat Index Information](#)
- [Missouri Cooling Centers Map](#)
- [NWS Heat Safety](#)
- [NWS Heat Tools Reference Sheet](#)

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Heat Exhaustion	Heat Stroke
<p>ACT FAST</p> <ul style="list-style-type: none"> • Move to a cooler area • Loosen clothing • Sip cool water • Seek medical help if symptoms don't improve 	<p>ACT FAST</p> <p>CALL 911</p> <ul style="list-style-type: none"> • Move person to a cooler area • Loosen clothing and remove extra layers • Cool with water or ice
<p>Dizziness</p> <p>Thirst</p> <p>Heavy Sweating</p> <p>Nausea</p> <p>Weakness</p>	<p>Confusion</p> <p>Dizziness</p> <p>Becomes Unconscious</p>
<p><i>Heat exhaustion can lead to heat stroke.</i></p> <p><i>Heat stroke can cause death or permanent disability if emergency treatment is not given.</i></p>	
<p>Stay Cool, Stay Hydrated, Stay Informed!</p>	

Heat Impacts: Vulnerable Populations

PREGNANT

NEWBORNS

CHILDREN

ELDERLY

CHRONIC ILLNESS

Everyone is at risk from the dangers of extreme heat, but these groups are more vulnerable than most. Age and certain conditions make the body less able to regulate temperature.

NEVER leave anyone alone in a closed car

Use air conditioners and stay in the shade

Drink plenty of water, even if not thirsty

Wear loose-fitting, light-colored clothing

weather.gov