

EXTREME EARLY SUMMER HEAT

The National Weather Service has forecast extremely hot conditions for this Memorial Day weekend. Center staff should take precautions if working out in the heat or enjoying recreational activities over the holiday weekend. The National Weather Service has also developed a new tool for heat awareness shown below for May 23, 2024, and May 26, 2024. A link is included for this valuable daily update. <https://www.wpc.ncep.noaa.gov/heatrisk/>

NWS HeatRisk

Identifying Potential Heat Risks in the Seven Day Forecast

Thu 5/23	Fri 5/24	Sat 5/25	Sun 5/26	Mon 5/27	Tue 5/28	Wed 5/29
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[Click map for potential heat risks and NWS forecast for a location.](#)

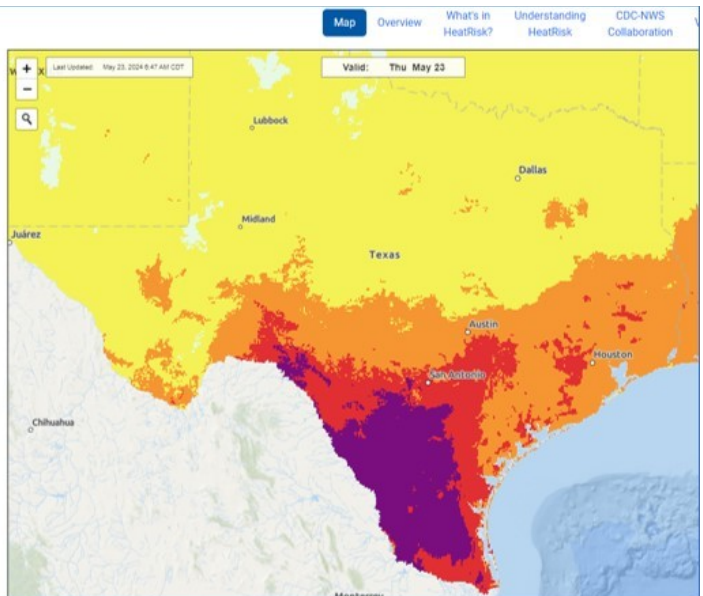
The NWS HeatRisk is an experimental color-numeric-based index that provides a forecast risk of heat-related impacts to occur over a 24-hour period. HeatRisk takes into consideration:

- 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

This index is supplementary to official NWS heat products and is meant to provide risk guidance for those decision makers and heat-sensitive populations who need to take actions at levels that may be below current NWS heat product levels.

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.

[Comments? Questions? Please Contact Us.](#)



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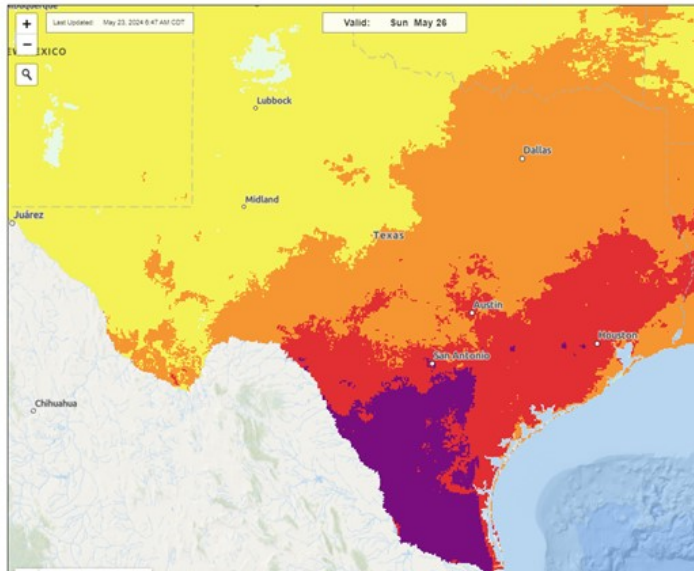
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[Map](#) [Overview](#) [What's in HeatRisk?](#) [Understanding HeatRisk](#) [CDC-NWS Collaboration](#)



The link gives you access to the map and the ability to check future heat predictions and heat forecasts by very specific locations on the map. The website is currently “experimental” and could be modified in the future. However, it appears to be a valuable tool for precautions during extreme Texas heat.