# **NWS HeatRisk**



### **Overview**

NWS HeatRisk is a color-numeric-based index that uses high-resolution weather, climate, and Centers for Disease Control and Prevention (CDC) heathealth data to identify potentially dangerous heat.

It provides a daily value of expected heat risk for each 24-hour period within any upcoming 7-day forecast period.

## **HeatRisk Considerations**

HeatRisk takes into consideration:

- How unusual the heat is for the time of year
- Duration of the heat, including both daytime and nighttime temperatures
- If those temperatures pose an elevated risk of heat-related impacts based on CDC data

HeatRisk supplements the official NWS heat watch, warning, and advisory products.

## **Understanding HeatRisk**

HeatRisk is divided into 5 categories and identifies the following:

- The groups potentially most at risk
- How common the heat is
- For those at risk, what actions can be taken

Each HeatRisk level is also accompanied by recommendations for heat protection. It is especially useful for decision makers and heat-sensitive populations who may need to take actions below current NWS heat product levels.

\* HeatRisk is an experimental product which means that there is no guarantee of timely availability. Changes may occur without advance notice.

#### **How to Access**

- Interactive CONUS Viewer: <u>https://www.wpc.ncep.noaa.gov/heatrisk/</u>
- Available May 2024 NDFD webpage: <u>https://digital.weather.gov/</u>

Please provide feedback via the SurveyMonkey link <u>here</u>. Feedback can also be provided via your local or regional NWS office.

HeatRisk	
Monterrey Maini   100% HeatRick Juttite to None 1.Minor 2.Moderate 3 Major 4.Extreme   100% Leafet   Powered by Esri   Austin Community College. Baylor University, Boston College Campus OIS, CSU Monterrey Bay, Duke University, Idah.	
0 Green	Little to no risk from expected heat.
1 Yellow	<b>Minor</b> - This level of heat affects primarily those individuals extremely sensitive to heat, especially when outdoors without effective cooling and/or adequate hydration
2 Orange	<b>Moderate</b> - 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.
3 Red	<b>Major</b> - This level of heat affects anyone without effective cooling and/or adequate hydration. Impacts likely in some health systems, heat-sensitive industries and infrastructure.
4 Magenta	<b>Extreme</b> - 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.