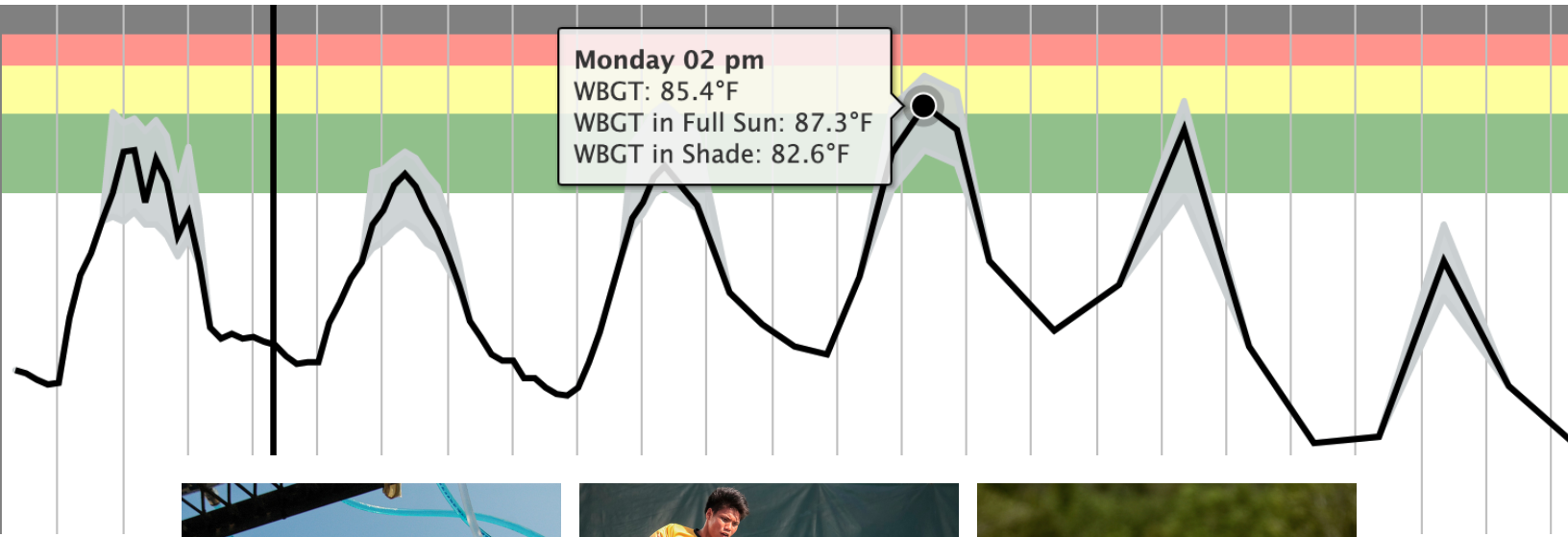


NC WBGT Tool

Wet Bulb Globe Temperature Tool



Heat-safety planning and preparedness for student athletes

Improve planning to prevent heat stress for student athletes!

- 5 day forecast for WBGT allows for enhanced planning for heat stress prevention
- WBGT values for sun and shade give flexibility for practice
- Safety regulations in accordance with NCHSAA guidelines



Instructions for Use

Note: This is a forecast tool. It should be used as any other weather forecast. This forecast will update at 8:30am and 11:30am each day. The WBGT tool provides an estimate of heat stress based on National Weather Service forecasts.

1 Go to: convergence.unc.edu

2 Select "Tools" from the menu at the top

3 Select "NC WBGT" from the drop down menu

4 Click your location on the map OR search your location in the search bar

5 Select "Submit" at the bottom right

How to Interpret the Tool

- The horizontal line is the Wet Bulb Globe Temperature (WBGT)
- The shaded area around the WBGT line represents the possible range of values from full sun exposure to full shade for WBGT during that period.
- Hover your mouse over the WBGT line to see the forecasted WBGT and details about that hourly forecast
- The color bands represent warning levels as outlined by the NCHSAA. Scroll down to see recommendations for action for each warning level.