



HEAT INDEX PROCEDURES

Administration of Heat Index Procedures:

- Feels Like Temperature (Heat index) or THI using a Wet Bulb Globe Temperature Indicator (see chart below) on the field will be checked 1 hour before the contest/practice by a certified athletic trainer, athletic director, or school designee when the air temperature is 80 degrees (Fahrenheit) or higher.
- Download WeatherBug app to your phone or log into www.weatherbug.com. Schools may also use a Wet Bulb Globe Temperature Indicator (see chart below) on the field that will be used.
- Enter zip code or city and state in the location section of the app or on-line or determine the THI by using a Wet Bulb Globe Temperature Indicator.
- If the Feels Like temperature (heat index) or the Wet Bulb Globe Temperature Indicator is in the recommended range (yellow – WeatherBug or green, yellow, orange, red – WBGT), the athletic trainer, athletic director, or school designee must re-check the Feels Like temperature (heat index) or Wet Bulb Temperature Indicator at halftime or midway point of the contest. If the Feels Like temperature (heat index) or Wet Bulb Temperature Indicator is in the required range (red – WeatherBug or black – WBGT), the contest will be suspended.

Please refer to the following chart when using **Weather Bug app**, to take the appropriate actions:

	Feels Like Temp(Heat Index) under 79 degrees	Full activity. No restrictions
R E C O M M E N D E D	Heat Index Caution: Feels Like Temp (Heat Index) 80 degrees to 85 degrees	Provide ample water and multiple water breaks. Monitor athletes for heat illness. Consider reducing the amount of time for the practice session.
	Heat Index Watch: Feels Like Temp (Heat Index) 86 degrees to 90 degrees	Provide ample water and multiple water breaks. Monitor athletes for heat illness. Consider postponing practice to a time when Feels Like temp is lower. Consider reducing the amount of time for the practice session. 1 hour of recovery time for every hour of practice (ex. 2hr practice = 2hr recovery time).
	Heat Index Warning: Feels Like Temp (Heat Index) 91 degrees to 95 degrees	Provide ample water and water breaks every 15 minutes. Monitor athletes for heat illness. Consider postponing practice to a time when Feels Like temp is much lower. Consider reducing the amount of time for the practice session. 1 hour of recovery time for every hour of practice (ex. 2hr practice = 2hr recovery time). Light weight and loose fitting clothes should be worn. For Practices only Football Helmets should be worn. No other protective equipment should be worn.
REQUIRED	Heat Index Alert: Feels Like Temp (Heat Index) 96 degrees or greater	No outside activity, practice or contest, should be held. Inside activity should only be held if air conditioned.

Please refer to the following chart when using **Wet Bulb Globe Temperature Indicator**, to take the appropriate actions:

Cat 3	Cat 2	Cat 1	Activity Guidelines
< 82.0°F <27.8°C	< 79.7°F <26.5°C	< 76.1°F <24.5°C	Normal Activities – Provide at least three separate rest breaks each hour with a minimum duration of 3 min each during the workout.
82.2 - 86.9°F 27.9-30.5°C	79.9 - 84.6°F 26.6-29.2°C	76.3 - 81.0°F 24.6-27.2°C	Use discretion for intense or prolonged exercise; Provide at least three separate rest breaks each hour with a minimum duration of 4 min each.
87.1 - 90.0°F 30.6-32.2°C	84.7 - 87.6°F 29.3-30.9°C	81.1 - 84.0°F 27.3-28.9°C	Maximum practice time is 2 h. <u>For Football</u> : players are restricted to helmet, shoulder pads, and shorts during practice. If the WBGT rises to this level during practice, players may continue to work out wearing football pants without changing to shorts. <u>For All Sports</u> : Provide at least four separate rest breaks each hour with a minimum duration of 4 min each.
90.1 - 91.9°F 32.2-33.3°C	87.8 - 89.6°F 31.0-32.0°C	84.2 - 86.0°F 29.0-30.0°C	Maximum practice time is 1 h. <u>For Football</u> : No protective equipment may be worn during practice, and there may be no conditioning activities. <u>For All Sports</u> : There must be 20 min of rest breaks distributed throughout the hour of practice.
≥ 92.1°F ≥ 33.4°C	≥ 89.8°F ≥32.1°C	≥ 86.2°F ≥30.1°C	No outdoor workouts. Delay practice until a cooler WBGT is reached.

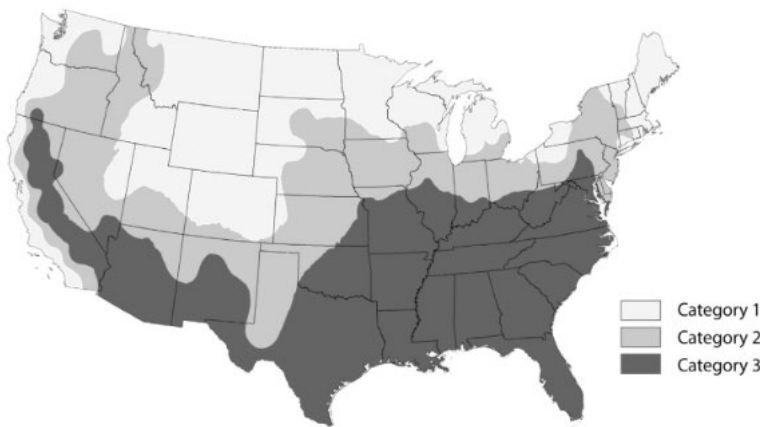


Fig. 2. Heat safety regions.

Use this link to determine the category of your location.

Link: <http://www.castlewilliams.com/wbgt-regions.html>