

Wet Bulb Globe Temperature (WBGT) Heat Index Flag Conditions

*Bioenvironmental Engineering (BE) provides heat index readings from 1 May – 1 September. Readings are called into the Command Post from 0900-1500 daily, and disseminated to the Maintenance Operations Center (MOC), Civil Engineering Control, and the Base Defense Operations Center (BDOC). If readings are still above 90 at 1500, BE will continue to monitor until the heat index condition is no longer black flag.

Black Flag 90 or higher

Outdoor work should be limited to critical missions only. Use 25% work and 75% rest* (example: 15 minutes work with 45 minutes rest). Use a "buddy system" and have teams monitor each other's condition. Drink 2 quarts of cool water per hour. Heat stroke likely with continued exposure.

Red Flag 88 – 89.9

Limit outdoor work to light work. Drink 2 quarts of cool water per hour. Use a "buddy system" and have teams monitor each other's condition. Use 25% work and 75% rest* (example: 15 minutes work with 45 minutes rest). Heat stroke possible with continued exposure.

Yellow Flag 85 – 87.9

Limit outdoor work to light and medium work. Drink 1-2 quarts of cool water per hour. Use a "buddy system" and have teams monitor each other's condition. Use 50% work and 50% rest* (example: 30 minutes work and 30 minutes rest). Heat cramps likely. Heat stroke and heat exhaustion possible with continued exposure.

Green Flag 82-84.9

Drink 1 quart of cool water per hour. Use 75% work and 25% rest* for outdoor work (example: 45 minutes work and 15 minutes rest). Heat cramps and heat exhaustion possible with continued exposure.

No Flag 81.9 or less

Drink 3/4 quart of cool water per hour. Use 100% work and 0% rest* for outdoor work (example: 60 minutes work and 0 minutes rest). Heat cramps possible with continued exposure.

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