

26 June 2002

MEMORANDUM FOR ALL KENTUCKY WING MEMBERS

FROM: HQ KYWG/CC

SUBJECT: Heat Index Policy (*Guidelines from GLR*)

1. The following policy is implemented within Kentucky Wing of the Great Lakes Region for the health, safety and welfare of the Kentucky Wing members. Please refer to charts at: www.weatherpoint.com/weather/glossary/text/wchill.htm. Relative humidity percentage is stated in the left column. Temperature is found across the top line. To find the heat index, locate temperature then go down column until you reach the relative humidity. That number will be the heat index number.
2. When the heat index is between 90 and 104, the following precautions should be taken:
 - a. All outdoor activity should be monitored for members' heat stress.
 - b. Mission support personnel, ground teams and others working outside or in non-air conditioning should take frequent rest breaks, and monitor for proper hydration.
 - c. Aircrews should limit their ground time (preflight and taxi) to 45 minutes. They should also insure plenty of rest between sorties (Recommended 2.5 hours between sorties)
 - d. Cadets involved in encampments or other activities must be closely monitored and supervisors must insure proper hydration.
3. When the heat index exceeds **105**, the following precautions **MUST** be taken:
 - a. All outdoor activity will be limited to mission essential needs.
 - b. Members working outdoors will be relieved every 45 minutes and given a minimum of 45 minutes rest.
 - c. Aircrews will be monitored closely for heat and stress and given a minimum of 2.5 hours rest between sorties.
 - d. Cadet activities will be curtailed or moved indoors. Supervisors will insure proper hydration, shade and rest.
4. Commanders and project officers must use common sense at all times. This policy is meant as a guide to assist in decision making during periods of possible heat stress. For rules on proper hydration, please involve medical personnel, as you can both over and under hydrate. Also refer to the US Air Force Safety website at <http://safety.kirtland.af.mil/> for information on heat stress. Discuss this policy as part of your monthly safety briefings. Safety is **EVERYONES** job.

Loretta Holbrook, Colonel, CAP
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