



UNITED STATES MARINE CORPS  
MARINE CORPS LOGISTICS BASE  
814 RADFORD BOULEVARD SUITE 20302  
ALBANY GA 31704-0302

BO 6200.1L  
PSD7004  
24 Aug 2012

BASE ORDER 6200.1L

From: Commanding Officer  
To: Distribution List

Subj: MARINE CORPS LOGISTICS BASE ALBANY HEAT ILLNESS  
PREVENTION PROGRAM

Ref: (a) MCO 6200.1E Marine Corps Heat Injury Prevention  
Program  
(b) MCO 3500.27B, Operational Risk Management (ORM)  
(c) BO 3500.1, Operational Risk Management (ORM)  
(d) BO 5100.10, Job Hazard Analysis (JHA)  
(e) NEHC-TM-OEM 6260.6A Prevention and Treatment of Heat  
And Cold Stress Injuries

Encl: (1) Heat Illness Prevention Program Procedural Guidance

1. Situation. This Order revises the requirements established for preventing heat illnesses aboard Marine Corps Logistics Base (MCLB) Albany. It incorporates the requirements in reference (a) and integrates the Georgia Environmental Monitoring Network (GAEMN) for monitoring the Wet-Bulb Globe Temperature Index (WBGTI). The GAEMN receives data from a weather station located aboard the installation and provides the WBGTI and corresponding color-coded flag warning over the Internet.

2. Cancellation. BO 6200.1K.

3. Mission. Leaders at all levels are responsible for implementing the requirements and procedures within this Order to prevent heat illnesses during heat stress conditions.

4. Execution

a. Commander's Intent and Concept of Operations

(1) Commander's Intent. The purpose of the heat illness prevention program is to preserve the health and safety of our workforce during heat stress conditions. Conducting JHA and applying ORM, in accordance with references (b through d), and integrating controls and countermeasures into operations and processes can prevent heat illnesses. This is accomplished by

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applying the program elements identified in enclosure (1) throughout MCLB Albany and tenant organizations.

(2) Concept of Operations. Heat illness prevention will be incorporated into all JHA and ORM worksheets developed for training, operational, and recreational events. Controls and countermeasures to prevent heat illnesses will be included in safety briefings, operations orders, and letters of instruction pertaining to these events.

b. Subordinate Element Missions

(1) Installation Safety Manager. Administer this Order and ensure it remains current and accurate.

(2) Heat Illness Prevention Program Manager

(a) Ensure maintenance and calibration of the local weather station to ensure it is established and accessible through the Georgia Environmental Monitoring Network (GAEMN) 24 hours per day, 7 days per week, during heat stress conditions.

(b) Manually monitor and record the Wet-Bulb Globe Temperature Index (WBGTI), using an alternate WBGTI meter, during periods when the GAEMN access is inoperable or Internet service is interrupted. Provide the WBGTI to individuals or organizations upon request.

(c) Provide heat illness training resources and support to subordinate and tenant organizations.

(3) Division Directors, Special Staff Officers

(a) Monitor the status of training, and implement the requirements of this Order within their respective organizations.

(b) Ensure their organization's leaders and supervisors implement heat illness prevention controls and countermeasures into JHA and the ORM process with documentation on worksheets.

(c) Provide engineering and administrative controls to exposed workers during heat stress conditions. Examples include fans, open windows, and cool break areas with potable water, in which workers can rest and rehydrate.

(d) Immediately report heat illnesses senior leadership and to Risk Management via the Enterprise Safety Applications Management System (ESAMS).

(e) Ensure Civilian Marines know how to access the WBGTI website.

(f) Develop a method or system of the disseminating the current WBGTI to employees, patrons, and Marines in their organization, who may not have access to the GAEMN. Ensure the method used to notify relays the current WBGTI displayed on the GAEMN website.

(g) Contact Risk Management to obtain the current WBGTI during periods when the GAEMN access is inoperable or Internet service is interrupted.

(4) MCLB Albany Command Duty Officer

(a) Monitor the WBGTI via the GAEMN website on weekends and holidays during heat stress conditions.

(b) Upon request, provide the WBGTI to leaders of military organizations training or holding events aboard the base that may not have access to the GAEMN website.

(5) MCLB Albany Headquarters and Support (H&S) Company Commander

(a) Monitor the status of training, and implement the requirements of this order within the Headquarters and Support Company.

(b) Ensure leaders of Marines implement heat illness prevention controls and countermeasures into job hazard analysis and the operational risk management process with documentation on worksheets.

(c) Provide engineering and administrative controls to exposed workers during heat stress conditions. Examples include fans, open windows, and cool break areas with potable water, in which workers can rest and rehydrate.

(d) Ensure Marines know how to access the WBGTI website.

(e) Develop a method or system of disseminating the current WBGTI to H&S Co Marines who may not have access to the GAEMN. Ensure the method used to notify relays the current WBGTI displayed on the GAEMN website.

(f) Immediately report heat illnesses to senior leadership and to Risk Management via ESAMS.

(g) Contact Risk Management to obtain the current WBGTI during periods when the GAEMN access is inoperable or Internet service is interrupted.

(6) Commanders, Commanding Officers, Officers-In-Charge, and Directors of Tenant Units

(a) Ensure leaders and supervisors implement heat casualty prevention controls and countermeasures into job hazard analysis and the operational risk management process with documentation on worksheets.

(b) Ensure employees know how to access the WBGTI on the GAEMN website.

(c) Develop a method or system of disseminating the current WBGTI to employees, Marines, and Sailors who may not have access to the GAEMN. Ensure the method used to notify relays the current WBGTI displayed on the GAEMN website.

(d) Contact Risk Management to obtain the current WBGTI during periods when the GAEMN access is inoperable or Internet service is interrupted.

(7) Director, Marine Corps Community Services. Provide the current Heat Flag Condition to patrons of Thomason Gymnasium and Fitness Center during periods of heat stress conditions by displaying the current Heat Flag Condition at the entrance or lobby of these facilities.

(8) Director, Public Safety Division. Provide the current Heat Flag Condition to persons entering the base during periods of heat stress conditions by displaying the current Heat Flag Condition at the Maine Gate, Johnson Road Gate, Truck Gate, and Mock Road Gate when these gates are open for incoming traffic.

5. Administration and Logistics. Recommendations concerning the contents of this Order may be forwarded to the CO, MCLB

Albany via the installation Risk Management section and Adjutant.

6. Command and Signal

- a. Command. This Order is effective the date signed.
- b. Signal. This Order is applicable to all organizations and personnel located aboard MCLB Albany.



DANIEL L. BATES  
Acting

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## HEAT ILLNESS PREVENTION PROGRAM PROCEDURAL GUIDANCE

### 1. General Requirements

a. Supervisors shall provide engineering controls, such as, environmental cooling to exposed workers in hot environments. Examples include fans, open windows, and cool break areas with potable water, in which workers can rest and rehydrate.

b. Organizations are encouraged to implement administrative controls, such as, "tropical hours" or avoiding strenuous tasks for employees whose duties require them to work outdoors during the hottest part of the day.

c. Supervisors of occupationally exposed personnel will use Table 5-1 of reference (a) to plan work and rest cycles for individuals under their control.

d. Supervisors and leaders will consider the degree of acclimatization of employees and Marines when assigning strenuous work during heat stress conditions. Acclimatization is a gradual process that conditions the body to perform effectively at extreme temperatures. A period of approximately two weeks with progressive degrees of heat exposure and physical exertion should be allowed for substantial acclimatization. Leaders at all levels will identify newly assigned and non-acclimated personnel within their organizations to ensure they are not over-exposed to heat stress conditions until they become acclimated.

e. The MCLB Albany Local Weather Station, located adjacent to Building 5500, is the primary means of measuring and recording data to determine the WBGTI aboard the base. Dissemination of the heat flag condition is via the GAEMN website.

f. Access to the GAEMN WBGTI and corresponding heat flag condition is available through a website link on the MCLB Albany Homepage at <http://www.marines.mil/unit/mclbalbany/Pages/default.aspx>. The GAEMN WBGTI and corresponding heat flag condition is also available directly from the GAEMN website at <http://www.griffin.uga.edu/aemn/cgi-bin/AEMN.pl?site=GAAB&report=c>. The GAEMN is accessible through Smartphones.

g. If the GAEMN website becomes inaccessible or personnel cannot access the website, the current WBGTI can be obtained by contacting Risk Management at 639-5249.

h. Any organization may hoist a fabric or cloth flag during heat stress conditions as a method of notifying their workforce of the current WBGTI. The flag color, however, must be consistent with the GAEMN WBGTI and the color-coded flag displayed on the GAEMN website. This includes removal of the flag warning when a hazardous WBGTI no longer exists and taking down the flag at 1600 hours daily.

i. The senior leader responsible for an event or operation will monitor the WBGTI before, and during the event or operation, including routine operations and processes, in order to evaluate the risk of heat illness and apply corresponding controls, countermeasures, and precautions. The WBGTI and Heat Condition Flag Warning System, can be found in enclosure (4) of reference (a).

j. The senior leader responsible for any special events and operations where Marines and Civilian Marines may be at risk for heat illness will ensure potable water is available to all participants and encourage hydration. Ensure water consumption is a continuous process (prior to, during, and after the operation). Fluid replacement guidelines can be found in Table 5-1 of reference (a).

k. Before outdoor physical training, leaders and supervisors will check the current WBGTI to determine the degree of risk and required precautions to safely exercise. Leaders will adhere to the Heat Condition Flag Warning System in enclosure (4) of reference (a) when planning physical fitness programs and other strenuous physical training in hot environments. Efforts will be made to avoid outdoor physical fitness training, to include recreational sports, during the hottest part of the day.

l. Persons engaging in voluntary physical fitness training have a personal responsibility to check the WBGTI before exercising in order to take adequate precautions to prevent becoming a heat casualty. Persons engaged in voluntary physical fitness training during extreme heat stress conditions accept personal risk of becoming a heat casualty if they fail to adequately assess their level of physical fitness, health, and degree of acclimatization.

m. Marine leadership will consider other heat illness risk factors such as personnel taking medications that reduce tolerance to heat stress, individuals with a history of heat illness susceptibility, or Marines who are on the weight control

program, before directing Marines to participate in physical training during heat stress conditions. Additional precautions or reductions in time and intensity of physical training may be required to prevent heat illness to these personnel.

n. Group or unit formation physical training runs during heat stress conditions will be conducted with a safety vehicle behind the formation. The safety vehicle will contain cool, fresh water adequate for the number of personnel and have communication capabilities to activate the MCLB Albany emergency medical services.

## 2. Training

a. All personnel will received annual heat illness prevention training prior to 1 June. Supervisors will ensure newly assigned or non-acclimated personnel are trained prior to being exposed to heat stress conditions. Numerous training resources are available at the Risk Management Office or on the Internet. Reference (e) is a very good heat stress management technical reference. Training also can be performed using expertise within the organization, from Risk Management or from the Naval Branch Health Clinic.

b. Heat illness prevention training curriculum will include:

- (1) Types of heat illnesses,
- (2) Causes of heat illnesses,
- (3) Heat illness prevention,
- (4) First-aid treatment for heat illnesses,
- (5) Use of the WBGTI and Heat Condition Flag Warning System including how to access the GAEMN website; and
- (6) Use of Table 1-1 enclosure (1), of reference (a) which contains a summary of heat illness signs and symptoms and first-aid treatment.

c. Heat illness prevention training attendance will be documented and course material will be made available for review during periodic safety inspections.