

# Fort Leonard Wood Weather Update

As of: **1415hrs on 18 OCT 2012**

This report will be updated as changes occur.

TABLE OF CONTENTS.....	1
HEAT CATEGORY INFORMATION.....	1
FIRE DANGER LEVEL.....	2
CONTACT INFORMATION.....	2
MEDIA ANNOUNCEMENT.....	3
FACILITY CLOSURES.....	3
PRIMARY PARKING LOT STATUS.....	3
WEATHER FORECAST LINK.....	3
ROAD CONDITIONS.....	4
MEDIA SOURCES.....	4
LOCAL/REGIONAL RADIO STATIONS.....	4
LOCAL STATION FREQUENCIES.....	4
ROAD CONDITIONS DEFINITIONS.....	5
DISPATCH APPROVAL FOR ROAD CONDITIONS.....	5
DISPATCH AND VEHICLE OPERATIONS DURING INCLIMATE WEATHER.....	6
WIND CHILL TEMPERATURE TABLE.....	7
WORK/REST TABLE.....	7
WIND CHILL PREVENTIVE MEDICINE CHART.....	8

## Current Weather Watches/Warnings

Weather for Pulaski... WEST WINDS GUSTING FROM 30 TO 35 MPH CAN BE EXPECTED ACROSS MUCH OF THE REGION ON THURSDAY WITH WIND GUSTS UP TO 40 MPH POSSIBLE ...

## CURRENT FIRE DANGER LEVEL

**As of 1415 on 18 OCT 12, the Fort Leonard Wood Fire Danger Level is 4 (four).**

FIRE DANGER GUIDE CHART BELOW WITH RESTRICTIONS NECESSARY TO AVERT FIRE DANGER AND SERIOUS VEGETATION FIRES:

(1) ( LOW) None.

(1) (LOW) All authorized ammunition, explosives and pyrotechnics are allowed on live fire ranges and training areas, as approved by Range Control.

(2) (MODERATE) Do not use white phosphorus (WP) or other incendiary devices on ranges and training areas where a large accumulation of natural litter and debris exist.

(3) (HIGH) Tracer ammunition, pyrotechnics, WP, or incendiary devices will be used only on ranges and training areas that are contained by a currently maintained fire break. The range or training area does not have to be burned prior to firing unless WP or incendiary devices are to be used. Use will be approved by Range Control.

(4) (VERY HIGH) No incendiary device or WP will be used. Tracer ammunition and pyrotechnics will be used only on ranges and training areas contained by a currently maintained fire break and pre-burned as approved by the Fort Leonard Wood Fire Chief. Explosives and Explosive projectiles may be used only on ranges and training areas contained by a currently maintained fire break. The area will be pre-burned. Use will be approved by Range Control.

(5) (EXTREME) only ball ammunition will be used. No other type of ammunition, pyrotechnic or explosive will be used with the exception of hand grenades which may be used on Range 31 and demolition explosives may be used on Range 33 and 36 for EOD emergency operations only.

## **HEAT CATEGORY INFORMATION**

As of 18 OCT 12, Fort Leonard Wood is at Heat Category 0 (zero) unless otherwise updated.

The Work/Rest and Water Consumption Table for training can be found on the DPTM COP's page under "Safety".

Link: <https://flw-intranet.wood.army.mil/cop/documents/WorkRestTable.pdf> .

Units Training Yes/No.....Yes  
Number of Traffic Accidents reported.....0

### SNAIR ACTION OFFICER CONTACT INFORMATION

- **The current weather conditions are available anytime by dialing 573-563-4141.**
- The weather phone and this SNAIR report are updated as changes occur.
- When Liberal Leave is in effect, personnel must contact their supervisor for guidance.
- Any questions may be addressed to the **IOC @ (573) 563-4045**
- **DO NOT CONTACT THE SNAIR MOBILE PHONE FOR WEATHER UPDATES. This phone is used specifically for conducting SNAIR Operations, not for providing weather updates or road conditions.**
- SNAIR Action Officer (SAO)  
Office phone during SNAIR Operations: (573) 563-4045 / 6126

**MEDIA ANNOUNCEMENT for OCT 2012**

NONE REPORTED

**FACILITY CLOSURES:**

Due to Weather Conditions and the safety of our patrons the following closures/delays are in effect;

NONE REPORTED

<b>Primary Parking Lot Status</b>		
<b>Status Of:</b>	<b>Clear/Unclear</b>	<b>Limitations</b>
MSCoE Complex	Clear	
Hospital, CTMC, Dental Clinics	Clear	
BLD 470, SAS, CDC & Ed Center	Clear	
Post Gyms	Clear	
FLW Post Office	Clear	
PX, Commissary, Shoppettes, Mini Mall	Clear	
BLD 312 & WTU	Clear	
Baker & Abrams Theaters, Nutter FH	Clear	
On Post Elementary Schools	Clear	
Installation Chapels	Clear	
Main Gate Parking lots	Clear	

**WEATHER LINK: [CLICK Here for Local WEATHER REPORT](#)**

<b>CURRENT ROAD CONDITIONS</b>		
<b>STATUS OF:</b>	<b>CONDITIONS</b>	<b>LIMITATIONS</b>
Primary Routes Cantonment Area	Green	
Secondary Routes Cantonment Area	Green	
Housing Area Primary Roads	Green	
Housing Area Secondary Roads	Green	
Cantonment Training Areas	Green	
FLW 1 South of Airfield	Green	
Primary Range Roads	Green	
Secondary Range Roads	Green	
Un-Improved Range Roads	Green	
Ranges	Green	
Training Areas	Green	
Airfield	Green	
East Gate	Green	
West Gate	Green	
Polla Rd.	Green	
TMP Troop Transport	Green	
TSB Ammunition Delivery	Green	

### **MEDIA SOURCES**

FLW WEATHER HOTLINE      573-563-4141  
EOC WATCH NCO              563-6126/6127  
Television (TV)              Channel 12 or 59  
RADIO                              See Below

### **LOCAL /REGIONAL RADIO STATIONS**

Fort Leonard Wood personnel should monitor local and regional radio stations for road conditions updates, closures and other inclement weather announcements. In order to free up station telephone lines, it is advised not to call the radio stations directly. Stations normally have extended radio announcer hours in bad-weather situations.

### **LOCAL STATIONS FREQUENCYS**

KJEL - **Lebanon** 103.7 FM (24 Hour Station)  
KTTR - **Rolla** 99.7 FM  
KFBD - **Waynesville/St. Robert** 97.9FM  
KFLW - **Waynesville/St Robert** 98.9 FM

## ROAD CONDITION DEFINITIONS

**GREEN** : No safety threat to the public due to weather conditions. Proceed with normal operations.

**AMBER** : Difficult to hazardous road conditions. Drivers must slow to 10 MPH below the posted speed limit to maintain traction and a safe stopping distance. Roads are icy or snow packed, but clearing operations are making roads passable.-If applicable---Weather forecasts are predicting more precipitation which would prevent road clearing operations from keeping priority number 1 roads open. Temperatures are expected to reach below 26 degrees making cinder spread ineffective. Snow drifting is expected.

**RED** : Most intersections present difficult or NO stopping conditions. Weather forecast calls for continued precipitation with below freezing temperatures. Clearing operations have not kept priority number one roads easily passable. Black ice or ice sheeting has made passage hazardous. XX inches of snow are packed on roads and are icing over. Driving above 10-15 mph causes vehicles to lose traction and safe stopping distance are significantly increased.

**BLACK** : Restriction of all vehicular traffic on FLW. Emergency vehicles are unrestricted (MP's, ambulance, fire truck, DPW and SNAIR Support Team mission essential vehicles). Non-emergency vehicles must obtain approval from CG (Commanding General) or Authorized delegated Officer. POV travel will be restricted to mission essential personnel only.

### DISPATCH APPROVAL FOR ROAD CONDITION

**AMBER** : road conditions are defined as difficult to hazardous with patches of ice or packed snow. **Transportation of personnel in cargo NTVs only authorized with most current Risk Assessment from Battalion Commander/ O5 or civilian equivalent.** Limit travel on AMBER roads to essential traffic. Advise all personnel to use caution when traveling on AMBER roads. TVs or NTVs dispatched during AMBER must be approved by an O-5 Commander in the command concerned. Battalion Commanders can approve tactical vehicle dispatches during AMBER conditions. Forward a memorandum to TMP listing the vehicles required under AMBER road conditions prior to 1 November of each year. TMP will transport troops to and from training as requested by the battalion commander of the soldiers.

Trainees transporting trainees is strictly prohibited

**RED** : road conditions are deemed or considered “extremely hazardous.” Travel by TVs or NTVs should be limited to emergency operations (MPs, ambulance, fire truck, DPW, and SNAIR Support Team mission essential vehicles). **Transportation of personnel in cargo NTVs is strictly forbidden.** **Coordination for movement of personnel should be made with TMP.** TMP will retrieve troops from training areas and be responsible for troop transport in **emergency situations.** Use of NTVs assigned to DPW will be approved in writing by the DPW or Deputy DPW. Forward a memorandum to TMP listing the vehicles required under RED road conditions prior to 1 November of each year. The Motor Transportation Officer (MTO) has dispatch approval authority for all GSA and TMP vehicles under DOL control. The brigade commander in the direct chain of command will have dispatch approval authority only for those vehicles signed from the DOL.

Trainees transporting trainees is strictly prohibited

**BLACK** : road conditions present a real risk of life and limb. All vehicular traffic on FLW is restricted with the exception of SNAIR equipment and emergency vehicles. Non-emergency vehicles, both military and civilian, must obtain approval from the brigade level commander or director before attempting to travel on BLACK roads. **Transportation of personnel in cargo NTVs is strictly forbidden.** Food service vehicles, vendors and essential contract food service employees will be allowed to enter the installation and travel to the dining facilities. Vehicles authorized by the Provost Marshall to enter the installation from one of the access points.

Trainees transporting trainees is strictly prohibited

<b>DISPATCH AND OPERATION OF VEHICLES DURING INCLEMENT WEATHER</b>			
<b>Road Condition</b>	<b>Government Vehicles (Tactical and Non-Tactical)</b>	<b>POVs</b>	<b>Risk Assessment Approval Level (Tactical and Non-Tactical Government Vehicles)</b>
<b>AMBER</b>	<p>Amber road conditions are defined as “difficult to hazardous”.</p> <p>All personnel will use caution when traveling on AMBER roads. NTV cargo vehicles may be dispatched for <u>mission essential</u> duties.</p> <p>TMP will transport troops to and from training as requested by the battalion commander of the Soldiers.</p> <p>Coordination for movement of personnel with TMP is encouraged.</p>	<p>Privately owned vehicle (POV) operators should be cautioned to restrict travel to essential trips only, use extreme care, and to drive at safe speeds.</p> <p>Personnel will NOT be allowed or required to utilize POVs in lieu of government vehicles.</p> <p>See NOTES below table.</p>	<p><b>MODERATE:</b> The battalion commander (05 and above commander/05 and above military director/05 and above civilian equivalent director) in the direct chain of command must conduct a risk assessment and is the approving authority for government vehicle movement under AMBER road Conditions.</p> <p>Soldiers may be transported by cargo NTVs only with the approval of the battalion commander (05 and above or civilian equivalent).</p> <p><u>Trainees transporting trainees is strictly prohibited</u></p>
<b>RED</b>	<p>RED road conditions are defined as “extremely hazardous”.</p> <p>Travel by TVs or NTVs <u>should</u> be limited to emergency operations (MPs, ambulance, fire trucks, DPW, TMP Troop Transport, &amp; SNAIR Support Team <u>mission essential</u> vehicles), except that BDE CDRs may authorize use of other vehicles for mission essential activities.</p> <p>TMP will retrieve troops from training areas and be responsible for troop transport in emergency situations.</p>	<p>Commanders and section/activity chiefs should advise all POV owners not to travel and to use extreme caution if they do.</p> <p>Personnel will NOT be allowed or required to utilize POVs in lieu of government vehicles.</p> <p>See NOTES below table.</p>	<p><b>HIGH:</b> The brigade commander (06 and above commander/06 and above military director/06 and above civilian equivalent director) in the direct chain of command must conduct a risk assessment and is the approving authority for any government vehicle movement under RED road conditions.</p> <p><u>Trainees transporting trainees is strictly prohibited</u></p>
<b>BLACK</b>	<p>BLACK road conditions present a real risk of life and limb.</p> <p>All vehicular traffic on FLW is restricted to SNAIR equipment and emergency vehicles.</p>	<p>Food service vehicles, vendors, and essential contract food service employees will be allowed to enter the installation and travel to the dining facilities.</p> <p>Vehicles authorized by the Provost Marshal to enter the installation from one of the access points.</p> <p>Personnel will NOT be allowed or required to utilize POVs in lieu of government vehicles.</p> <p>See NOTES below table.</p>	<p><b>EXTREMELY HIGH:</b> The installation Commanding General (or civilian equivalent) is the risk approving authority for government vehicle Movement under BLACK road conditions.</p> <p><u>Trainees transporting trainees is strictly prohibited</u></p>

NOTES: NTVs may be dispatched from TMP during AMBER or RED road conditions, provided that a risk assessment has been approved at the appropriate level of command and written approval is provided to TMP. Whenever possible, only vehicles equipped with 4x4 and/or front wheel drive should be authorized for use on AMBER, RED, or BLACK road conditions. Commanders should consider additional precautions when allowing use of other vehicles (e.g., weight added to back of pick-ups).

Road Condition Status Characteristics				
Road Condition	Road Surface	Snow	Snow Depth	Ice
<b>Green</b>	Dry	None or blowing powder	None	None
<b>Amber</b> • Slow to 10 mph BELOW posted speed limit for safe travel	Wet	* Packed  * Slush	* < 4in	* Patches  * Black Ice * Slush
<b>Red</b> • Traveling faster than 10-15 mph is unsafe	* Flooded	* Drifting	* 4 - 8in	* Sheet Ice
<b>Black</b> • Emergency Vehicles Only	* Heavily Flooded	* Heavy Drifting	* >8in	* Sheet Ice
* Controlling factor for declaring the road condition				

### Wind Chill Temperature Table

Wind Speed (mph) ↓	Air Temperature (°F)																	
	40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
0	40	35	30	25	20	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
5	36	31	25	19	13	7	1	-5	-11	-16	-22	-28	-34	-40	-46	-52	-57	-63
10	34	27	21	15	9	3	-4	-10	-16	-22	-28	-35	-41	-47	-53	-59	-66	-72
15	32	25	19	13	6	0	-7	-13	-19	-26	-32	-39	-45	-51	-58	-64	-71	-77
20	30	24	17	11	4	-2	-9	-15	-22	-29	-35	-42	-48	-55	-61	-68	-74	-81
25	29	23	16	9	3	-4	-11	-17	-24	-31	-37	-44	-51	-58	-64	-71	-78	-84
30	28	22	15	8	1	-5	-12	-19	-26	-33	-39	-46	-53	-60	-67	-73	-80	-87
35	28	21	14	7	0	-7	-14	-21	-27	-34	-41	-48	-55	-62	-69	-76	-82	-89
40	27	20	13	6	-1	-8	-15	-22	-29	-36	-43	-50	-57	-64	-71	-78	-84	-91
45	26	19	12	5	-2	-9	-16	-23	-30	-37	-44	-51	-58	-65	-72	-79	-86	-93
50	26	19	12	4	-3	-10	-17	-24	-31	-38	-45	-52	-60	-67	-74	-81	-88	-95

**GREEN** LITTLE DANGER (frostbite occurs in >2 hours in dry, exposed skin)  
**YELLOW** INCREASED DANGER (frostbite could occur in 45 minutes or less in dry exposed skin)  
**RED** GREAT DANGER (frostbite could occur in 5 minutes or less in dry, exposed skin)

**Wind Chill Category (see Wind Chill Temperature Table above)**

<b>Work Intensity</b>	<b>Little Danger</b>	<b>Increased Danger</b>	<b>Great Danger</b>
<b>High</b> Digging foxhole, running, marching with rucksack, making or breaking bivouac	Increased surveillance by small unit leaders; Black gloves optional - mandatory below 0°F (-18°C);	ECWCS* or equivalent; Mittens with liners; No facial camouflage; Exposed skin covered and kept dry; Rest in warm, sheltered area; Vapor barrier boots below 0°F (-18°C) Provide warming facilities	Postpone non-essential training; Essential tasks only with <15 minute exposure; Work groups of no less than 2; Cover all exposed skin, Provide warming facilities
<b>Low</b> Walking, marching without rucksack, drill and ceremony	Increased surveillance; Cover exposed flesh when possible; Mittens with liner and no facial camouflage below 10°F (-12°C); Full head cover below 0°F (-18°C). Keep skin dry - especially around nose and mouth.	Restrict Non-essential training; 30-40 minute work cycles with frequent supervisory surveillance for essential tasks. See above.	Cancel Outdoor Training
<b>Sedentary</b> Sentry duty, eating, resting, sleeping, clerical work	See above; Full head cover and no facial camouflage below 10°F (-12°C); Cold-weather boots (VB) below 0°F (-18°C); Shorten duty cycles; Provide warming facilities	Postpone non-essential training; 15-20 minute work cycles for essential tasks; Work groups of no less than 2 personnel; No exposed skin	Cancel Outdoor Training

Note: These guidelines are generalized for worldwide use. Commanders of units with extensive extreme cold-weather training and specialized equipment may opt to use less conservative guidelines.

## Main Points to Stress to Leaders

### Follow these Wind Chill Preventive Medicine Measures

#### Based on Wind Chill Temperature

- 30°F and below** Alert personnel to the potential for cold injuries
- 25°F and below** Leaders inspect personnel for wear of cold weather clothing. Provide warm-up tents/areas/hot beverages.
- 0°F and below** Leaders inspect personnel for cold injuries. Increase the frequency of guard rotations to warming areas. Discourage smoking.
- 10°F and below** Postpone non-essential outdoor training. For mission essential operations, initiate the buddy system - Have personnel check each other for cold injuries.
- 20°F and below** Consider modifying or curtailing all but mission-essential field operations.

**NOTE: Trench Foot can occur at any temperature - Always Keep Feet Warm**