

The Facts...

- Winter storms create a higher risk of car accidents, hypothermia, frostbite, carbon monoxide poisoning, and heart attacks from overexertion

Stay Safe ...

- Over 1,300 people are killed and more than 116,800 people are injured in vehicle crashes on snowy, slushy or icy pavement annually.
- Winter storms have an average cost of \$3.0 billion per event

Freezing Rain...

- Freezing rain can lead to extremely dangerous driving conditions and power outages

Black Ice...

- TAKE IT SLOW IN THE SNOW. Black ice can be difficult to see. If the temperature is near freezing, drive like you're on ice--you may be!

- NWS

Winter Weather Resources



**Fort Riley Weather
Detachment 2
3rd Combat Weather Squadron**

Visit us at:

<http://www.riley.army.mil/AboutUs/Weather.aspx>

**743 Ray Road
Fort Riley, KS 66442**

Winter Weather Information



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How does snow form?

Key Ingredients are:

- **Cold air.** Below freezing temperatures in the clouds and near the ground are necessary to make snow and/or ice.
- **Lift.** Something to raise the moist air to form the clouds and cause precipitation.
- **Moisture.** To form clouds and precipitation

A snowflake begins to form when an extremely cold water droplet freezes onto a pollen or dust particle in the sky. This creates an ice crystal. As the ice crystal falls to the ground, water vapor freezes onto the primary crystal, building new crystals – the six arms of the snowflake

Blizzards

Blizzards are characterized by blowing snow, whipping winds, and low visibility. They're a stunning weather phenomenon, but very dangerous, especially when on the road. Avoid driving if possible during a blizzard, but if it's completely necessary, be sure to give yourself plenty of space between you and the car in front of you so something like this doesn't happen



Watches & Warnings:

Watch. A special notice to alert you of the potential of dangerous weather conditions. These conditions can pose a hazard to life and/or property. When a watch is issued remind family members and office personnel of the proper safety actions. Monitor Alert messages if on post, or listen to the radio or TV for further developments.

Warning: A special notice to alert you of imminent or actual occurrences of weather conditions that pose a hazard to life and/or property. During a warning you must take immediate protective actions!

What you can do Now!

Create safety kits for your home and/or office and brief all family members and co-workers on safety precautions.

A Survival Kit should include at minimum:

- Food and water
- Battery-powered radio (extra batteries)
- Flashlights/lanterns (extra batteries/fuel)
- Blankets and warm clothing
- First aid kit

Did You Know?

The Fort Riley Weather Station is independent of the National Weather Service, and is dedicated to forecasting for Fort Riley's Installation and training Reservation.

IMPORTANT PHONE NUMBERS

Fort Riley Operations Center: 239-2222
Fort Riley Automated Weather Update:
785.239.3700
Telephone Directory Assistance: 785.239.3911

1. Visibility drops to 1/4 of a mile or less
2. There are sustained winds or frequent gusts of at least 35 mph
3. These conditions last at least 3 hours

