

# EXTREME COLD

**Severe winter storms and extreme cold conditions are uncommon in southeast Louisiana. Nevertheless, residents should be familiar with how to deal with cold weather.**

**WINTER STORM** - Any one of several storm systems that develop during the late fall to early spring and deposit wintry precipitation, such as snow, freezing rain, or ice.

## COLD WEATHER ADVISORY TERMS

**Freezing Rain:** Rain that freezes when it hits the ground, creating a coating of ice on roads, walkways, trees, and power lines.

**Sleet:** Rain that turns to ice pellets before reaching the ground. Sleet also causes moisture on roads to freeze and become slippery.

**Winter Storm Watch:** A winter storm is possible in your area. Tune in to Weather Radio, commercial radio, or television for more information.

**Winter Storm Warning:** A winter storm is occurring or will soon occur in your area.

**Blizzard Warning:** Sustained winds or frequent gusts to 35 miles per hour or greater and considerable amounts of falling or blowing snow (reducing visibility to less than a quarter mile) are expected to prevail for a period of three hours or longer.

**Frost/Freeze Warning:** Below freezing temperatures are expected.

### Before Winter Storms and Extreme Cold:

Check your fireplace to make sure it is clear of obstructions. Store a good supply of dry, seasoned wood for your fireplace or wood-burning stove.

Winterize your home to extend the life of your fuel supply by insulating walls and attics, caulking and weather-stripping doors and windows, and installing storm windows or covering windows with plastic.

Check your heater to ensure it is in good, safe working condition.

### Winterize Your Vehicle:

- Battery and ignition system should be in top condition and battery terminals clean.
- Ensure antifreeze levels are sufficient to avoid freezing.
- Ensure the heater and defroster work properly.
- Check and repair windshield wiper equipment; ensure proper washer fluid level.

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- Ensure the thermostat works properly.
- Check lights and flashing hazard lights for serviceability.
- Check for leaks and crimped pipes in the exhaust system; repair or replace as necessary. Carbon monoxide is deadly and usually gives no warning.
- Check brakes for wear and fluid levels.
- Check oil for level and weight. Heavier oils congeal more at low temperatures and do not lubricate as well.
- Check tires for proper tread. If regularly travelling to areas with extreme cold weather risks, consider snow tires, snow tires with studs, or chains.
- Replace fuel and air filters. Keep water out of the system by using additives and maintaining a full tank of gas.

## Dress Properly for Cold Weather:

- Wear several layers of loose fitting lightweight, warm clothing rather than one layer of heavy clothing. The outer garments should be tightly woven and water repellent if possible.
- Wear mittens or gloves.
- Wear a hat.
- Cover your mouth with a scarf.

## During a Winter Storm:

- Listen to your radio, television, or Weather Radio for weather reports and emergency information.
- Eat regularly and drink ample fluids, but avoid caffeine and alcohol.
- Avoid overexertion when shoveling snow. Overexertion can bring on a heart attack—a major cause of death in the winter. If you must shovel snow, stretch before going outside.
- Watch for signs of frostbite. These include loss of feeling and white or pale appearance in extremities such as fingers, toes, ear lobes, and the tip of the nose. If symptoms are detected, get medical help immediately.
- Watch for signs of hypothermia. These include uncontrollable shivering, memory loss, disorientation, incoherence, slurred speech, drowsiness, and apparent exhaustion. If symptoms of hypothermia are detected, get the victim to a warm location, remove wet clothing, warm the center of the body first, and give warm, non-alcoholic beverages if the victim is conscious. Get medical help as soon as possible.
- Conserve fuel, if necessary, by keeping your residence cooler than normal. Temporarily close off heat to some rooms.
- Maintain ventilation when using kerosene heaters to avoid build-up of toxic fumes. Refuel kerosene heaters outside and keep them at least three feet from flammable objects.
- Use generators only when properly set up a safe distance outside of a structure.
- Drive only if it is absolutely necessary. If you must drive, consider the following:

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- Travel in the day, don't travel alone, and keep others informed of your schedule.
- Stay on main roads; avoid back road shortcuts.
- Be cautious when travelling on elevated roadways, bridges and wet roads which may be susceptible to icing.
- Check weather reports and roadway conditions frequently, before setting out, even for short trips.

## If You Are Travelling Within An Area With Extreme Cold Weather Risks And Become Trapped in a Car:

- Pull off the highway. Turn on hazard lights and hang a distress flag from the radio antenna or window.
- Remain in your vehicle where rescuers are most likely to find you. Do not set out on foot unless you can see a building close by where you know you can take shelter. Be careful; distances are distorted by blowing snow. A building may seem close, but be too far to walk to in deep snow.
- Run the engine and heater about 10 minutes each hour to keep warm. When the engine is running, open an upwind window slightly for ventilation. This will protect you from possible carbon monoxide poisoning. Periodically clear snow from the exhaust pipe.
- Exercise to maintain body heat, but avoid overexertion. In extreme cold, use road maps, seat covers, and floor mats for insulation. Huddle with passengers and use your coat for a blanket.
- Take turns sleeping. One person should be awake at all times to look for rescue crews.
- Drink fluids to avoid dehydration.
- Be careful not to waste battery power. Balance electrical energy needs - the use of lights, heat, and radio - with supply.
- Turn on the inside light at night so work crews or rescuers can see you.
- If stranded in a remote area, stomp large block letters in an open area spelling out HELP or SOS and line with rocks or tree limbs to attract the attention of rescue personnel who may be surveying the area by airplane.
- Leave the car and proceed on foot - if necessary and possible.

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