

Winter Weather Preparedness Guide

South Dakota Office of Emergency Management

October, 2014

It's Important to Be Prepared

Winter Storms, especially blizzards, can be very dangerous. Preparing before extremely cold, snowy weather occurs can save your life. Know what winter storm watches and warnings mean. If a Winter Storm Watch has been issued for your area, hazardous winter weather conditions (such as snow greater than 6 inches in 24 hours, winds gusting over 35 mph, or visibilities less than a 1/4 mile) are expected in the next 12 to 36 hours. A Winter Storm Warning means the conditions listed for the Watch exist.

Try to stay indoors during a blizzard. If you have to go outside to check on animals or for another reason, be sure to dress warmly in loose fitting layers of clothing. Wear heavy gloves to protect your hands and heavy socks with boots that will not absorb water. Cover your mouth so that you don't breathe in freezing cold air

that can damage your lungs. Keep your body dry. See dangers of wind chill on page three for signs of hypothermia and frostbite.

If you are traveling at all when a

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winter storm is possible, then you should always bring emergency supplies with you. You can never predict when you might get stranded and need them. If stranded, make sure you stay in your vehicle. Run your vehicle about ten minutes every hour. Open windows a little for fresh air to avoid carbon monoxide poisoning. Make yourself visible to rescuers by turning on the dome light at night, tie a colored cloth to your antenna, and raise the hood after the snow stops falling.

If you are caught outside, find a dry shelter and cover all exposed parts of the body. If shelter is not available, prepare a lean-to, wind break, or snow-cave for protection from the wind. Build a fire for heat and to attract attention. Place rocks around the fire to absorb and reflect heat. Do not eat snow; it will lower your body temperature. Melt it first.

> Weather related dangers can be unexpected, being prepared for a potential hazardous situation could save your life.







#bReadySD

bReadySD (Be Ready South Dakota) is a campaign encouraging South Dakotans to prepare for emergencies in their homes, businesses, towns, and cities. The bReadySD campaign encourages individuals to have an emergency bReady kit, make a family emergency plan and learn more about the different threats that may affect them, from natural disasters to epidemics. Learn more about how to prepare for emergencies at http://bReady.sd.gov.

If You're Stranded During a Winter Storm

If you are stranded in your vehicle during a winter storm:

- Stay with your vehicle.
- Use your cell phone to call 911 and be aware of your location and situation.
- Move all your emergency supplies from the vehicle's trunk to the interior of the car as soon as you realize you may be staying for a
- Check your supplies to see what you have available and arrange them in order for their use. This will help you ration them in case you are stranded for a long period of time.
- Run the engine sparingly. Start with 15 minutes every hour and adjust if needed. While running the engine, keep a downwind window cracked to prevent carbon monoxide buildup.
- Keep the exhaust pipe clear of
- If the cold is extreme, it may be necessary to keep the engine

- running continuously. It may not restart if shut off.
- Never go to sleep with the engine running.
- Turn on the dome light at night while the engine is running. It may help others to locate you. Turn it off when you turn off the engine so you don't run down the car's battery.
- Put on warm clothing right away, before you start to get cold. It's easier to stay warm than it is to regain lost warmth. Loosen tight clothing so body heat circulates. Remove metal jewelry, as it can chill you.
- Keep your feet off the floor if the heater is not on.
- Use newspapers, maps, or even the removable car mats for added insulation.
- Do mild exercises to help you stay warm.
- Watch for signs of frostbite or hypothermia like uncontrollable shivering, memory loss, slurred speech, drowsiness, disorientation,

incoherence or apparent exhaustion.

- Eat a snack of high calorie food just before sleeping to stimulate your metabolism (heat production). If you awaken due to the cold, eat some more high energy food and add another layer of insulation such as more clothing or a blanket.
- Tie a colorful banner on the car antenna. If you need to leave the car for any distance during the storm, tie a nylon rope to the car and yourself so you will be able to find your way back to the car.



Winter Travel

Winter driving can be extremely hazardous at times due to poor road conditions or reduced visibilities from heavy or blowing snow. During these times, travel is difficult and not recommended. Many people still venture outdoors not knowing what they will encounter. Many winter deaths and injuries can be attributed to people becoming stranded and venturing away from their vehicle. To avoid this, you should stay inside your vehicle and wait for help.

When traveling this winter season:

- Listen to the forecast before departing and postpone travel if inclement weather is occurring or expected.
- · Avoid traveling alone. Inform others of your timetable and planned routes.

Know Road Conditions Before You Go



Call 511 to hear road conditions.





http://safetravelusa.com/sd

- Keep your gas tank near full.
- Adjust your speed to the condition and increase following distances.
- Always carry a Winter Survival Kit in your vehicle!

Items that should be in your Survival Kit:

- Shovel and flashlight with extra batteries
- First aid kit and medications
- Non-perishable food, such as granola bars & nuts.
- Candles and matches
- Extra clothing, sleeping bags, or blankets
- Jumper cables and tire chains
- Battery-operated radio
- Cell phone with fully charged batteries
- Windshield scraper and brush
- Brightly colored cloth to tie on the antenna so the vehicle can be easily located

Prepare Your Vehical for Winter Trips

Check Tire Pressure

Add De-Icer to Windsheild Fluid

Are the jumper cabels in the car? Check Anti-Freeze Levels

Don't let the gas tank get below 1/2 Tank

Carry an Emergency Kit



The Dangers of Wind Chill

Winter temperatures can be deceiving. Thermometers measure only the cold. Don't forget that the effects on your body are compounded by the wind. The combined effect of winter cold and wind speed is called wind chill. As the wind increases, heat is carried away from the body at an accelerated rate, driving down the body temperature.

Frostbite is the damage to body tissues caused by extreme cold. A wind chill of -20°F will cause frostbite in just 30 minutes. Frostbite causes a loss of feeling and a white or pale appearance in extremities, such as fingers, toes, ear lobes or the tip of the nose. If symptoms are detected, get medical help immediately! If you must wait for help, slowly rewarm affected areas. However, if the person is also showing signs of hypothermia, warm the body core before the extremities.

Hypothermia is a condition brought on when the body temperature drops to less than 95°F. It can kill. For those who survive, there are likely to be lasting kidney, liver, and pancreas problems. Warning signs include uncontrollable shivering, memory loss, disorientation, incoherence, slurred speech, drowsiness and apparent exhaustion. Take the person's temperature. If below 95°F, seek medical care immediately!

What if medical care is not available? If a person has symptoms of hypothermia warm them slowly, starting with the body core. Warming the arms and the legs first drives cold blood toward the heart and can lead to heart failure. If necessary, use your body heat to help. Get the person into dry clothing and wrap in a warm blanket covering head and neck. Do not give the person alcohol, drugs, coffee, or any hot beverage or food. Warm broth is the first food to offer.



NWS Windchill Chart §



Winter Weather Preparedness Day is Wednesday, October 22. How will you celebrate? Tweet us how! @SDEmergencymgmt

_																	•		
									Tem	pera	ture	(°F)							
	Calm	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
E	25	29	23	16	9	3	-4	-11	-17	-24	-31	-37	-44	-51	-58	-64	-71	-78	-84
	25 30 35 40	28	22	15	8	1	-5	-12	-19	-26	-33	-39	-46	-53	-60	-67	-73	-80	-87
E	35	28	21	14	7	0	-7	-14	-21	-27	-34	-41	-48	-55	-62	-69	-76	-82	-89
E	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
	55	25	18	11	4	-3	-11	-18	-25	-32	-39	-46	-54	-61	-68	-75	-82	-89	-97
	60	25	17	10	3	-4	-11	-19	-26	-33	-40	-48	-55	-62	-69	-76	-84	-91	-98
	Frostbite Times 30 minutes 10 minutes 5 minutes																		
Wind Chill (°F) = $35.74 + 0.6215T - 35.75(V^{0.16}) + 0.4275T(V^{0.16})$																			
Where T= Air Temperature (°F) V= Wind Speed (mph) Effective 11/01/01											1/01/01								

Winter Fire Safety

Winter holidays can be a joyous time for all, but nearly 50% of civilian fire deaths occur throughout the winter season: November-February. Most heating fires in South Dakota involve fireplaces and chimneys. The most dangerous place to be, with regard to fire, is in your own home. Your home can be a cozy, warm place away from a harsh winter, but it can also become dangerous if you don't take special precautions.

Tips to Eliminate Winter Fires

- Safety around heating equipment and appliances is an important first step in reducing the threat of fire. Keep children and loose clothing at a safe distance.
- Use a yardstick to measure the distance between heating equipment and combustible material. Unless you have three feet of clearance, you are at risk.
- Always turn off portable heating appliances when leaving home or retiring for the evening. Be sure the fire in the fireplace is out before going to bed.
- Have chimneys, fireplaces, and other heating devices inspected by a qualified professional at the start of every heating season.
- Use a sturdy screen or glass closure in front of your fireplace, and burn only clean fireplace wood. Never burn treated lumber.
- Install smoke detectors on every level of your home, including the basement, and test them monthly.
- If you smell gas in your home, contact your local utility company or qualified professional heating contractor and follow their advice.
- Inspect heat tape before using it. Never thaw frozen pipes with an open flame.

Winter Safety Tips

- Protect neighborhood homes this winter. Keep your nearest fire hydrant clear of snow.
- After holiday parties, check wastebaskets and furniture for smoldering cigarettes.
- Place holiday decorations well away from heat sources. If you have a tree, water it daily.
- Do not burn holiday wrappings in a fireplace; it may cause a chimney fire.
- Pay attention when cooking. If a pan is on fire, cover it with a lid. Water will spread the fire.

 Turn off and unplug lights and decorations before going to bed or leaving your house. Buy electrical decorations that have been approved by a national testing laboratory. Don't overload outlets.

Candle Burning Safety Tips

- Place candles on a secure surface in sturdy noncombustible holders that won't tip over. Make sure the holder is large enough to catch drippings.
- Keep candles away from children and pets. Candles should be out of children's reach.
- Keep candles away from combustible items such as curtains, books, and paper. Remember the "three-foot rule" - anything combustible needs to be kept three feet from a heat source.
- Keep candles away from flammable liquids. Do not use a candle for light when fueling a kerosene heater or lantern. The flame may ignite the fumes.
- Avoid using candles during a power outage. A flashlight is a safer option. Don't carry a lit candle.
- Remember to extinguish candles when leaving the room or going to sleep. Never leave children or pets unattended in a room with a lit candle.







Family Communication Plan

Emergencies can happen at any time. Do you know how to get in touch with your family if you are not together?

Let them know you're OK!

Pick the same person for each family member to contact. It might be easier to reach someone who's out of town.

Text, don't talk!

Unless you are in immediate danger, send a text. Texts often have an easier time getting through during emergencies, and you don't want to tie up phone lines needed by emergency responders (like 911)



Know the Number

Home:	Adult:
*	Home:
Parent:	- 11
Cell:	
Work:	Home:
Parent:	Cell:
Cell:	
Work:	
	Cell:
My cell:	
	Out of state friend/relative:
Sibling:	
Cell:	Home:
	Cell:
Sibling:	Memorize your home and parents'
Cell:	cell phone numbers!

Cut this out and keep it somewhere safe like your backpack, school notebook, or wallet. Or input these numbers into your cell phone if you have one.



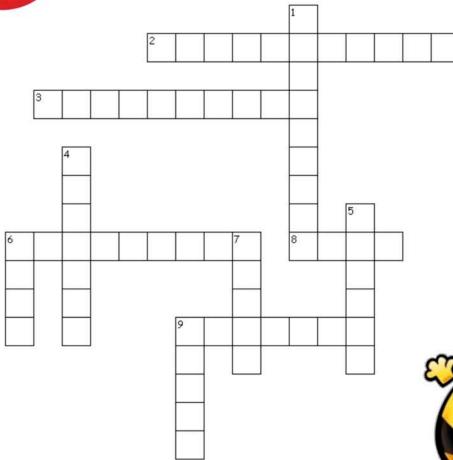
http://www.ready.gov/kids







Buzz wants to test your bReady knowledge. Use the clues to find out what items belong in your bReady Kit.



Across

- 2. This is full of helpful items to fix cuts and scrapes
- 3. Helps you find your way when it's dark
- 6. Opens your food that comes in metal containers
- 8. Keeps you squeaky clean
- 9. Blowing into this will help rescue workers find you Down
- 1. Powers things like your flashlight or radio
- 4. Keeps you warm when you sleep at night
- Food that stays good for a long time is ____
- 6. Wearing this will protect you from the cold weather
- Gives you information about things like weather
- 9. Drinking this will help when you are thirsty









- 1) With your class, film a video, 90 seconds or less, about how you as a class are helping your family become more prepared for winter weather.
- 2) Email your video to the South Dakota Office of Emergency Management via jonathan.harms@state.sd.us and we will post it to our Facebook and Twitter accounts for others to see!
- 3) The most creative classroom video will win an Emergency Kit for their teacher and a pair of earbuds, sunglasses and posters for each student!

The Submission Deadline is Friday, December 5. We can't wait to see your video!

Don't forget to follow us to see the Videos!



@SDEmergencyMgmt



/SDEmergencyMgmt

Protecting Your Pets

Winter can be a particularly difficult time for pets. Give your pet a safer, healthier weather season by following these tips:

• A temperature of 10°F or below is

too cold for any pet to tolerate. The physical stress of cold temperatures can make pets more susceptible to illness or infection.

- Provide outdoor dogs or cats with a dry, insulated pet house or shelter out of the wind. Staying warm demands extra calories, so increase your pet's food intake, particularly protein.
- Remove ice, salt, and caked on mud from your pet's paws and coat right away. Contact your veterinarian immediately if you suspect your pet has

frostbite. Frostbitten skin may turn reddish, white, or gray, and it may be scaly or sloughing.

 Cats and kittens often nap on car engines. Knock on the hood or honk the horn then wait a few minutes before starting the car.

· Pets like the smell and taste of



antifreeze, but even a small amount can kill them. Thoroughly clean up spills at once. Tightly close

containers and store them where pets cannot get to them.

• Never let your dog off its leash in the snow or ice. Dogs can lose their scent in snow and ice and become

> lost in the harsh weather. Make sure pets, such as dogs, always wear an ID tag.

- Don't use metal water dishes outside; your pet's tongue could stick to the frozen metal.
- Many plants, including holly, mistletoe, and poinsettia, are toxic to pets. Keep them out of your pet's
- Always have fresh, clean water available.
- Dogs confined to the house because of winter weather may lack proper exercise and

suffer depression. Help by giving more attention and encouraging them to be active.

How would you like to receive the Winter Weather **Preparadness Guide?**



of the winter season.

Physical Newsletter Tablet Ready Digital

email your thoughts to ionathan.harms@state.sd.us

Winter Safety For Schools

Children can be especially susceptible to the dangers associated with winter weather. Their youthful enthusiasm often takes over when common sense and safety should prevail. Even if they are cold, wet, or exhausted, they often are not conscious of the potential impact these conditions pose. School administrators and principals need to be sensitive to the dangers winter weather can pose to children and be prepared. Winter weather procedures

When formulating a winter weather safety plan, consider the following:

and practices need to be established before the onset

 The best source for the latest information is a NOAA weather radio. Most counties fall within their coverage area. Commercial radio or television should

Winter Weather Preparedness Guide

Tell us your thoughts...

also be monitored. Contact the county sheriff's office to ask if they will relay critical weather forecasts to the school.

- All schools need to have a functional plan in regard to closures due to snow, ice, or extreme cold.
- During the winter months, guidelines need to be established regarding outside recess periods. Temperatures and wind chills need to be monitored and criteria set as to when outside recess will be allowed.
- School bus drivers should receive extra training on driving during winter weather. Snow and ice can often accumulate quickly and unexpectedly on roads creating dangerous driving conditions.
- With many households having two working parents today, it may be necessary for some children to be brought to school early. Schools should make provisions to allow children inside school buildings as early as possible during cold weather.

How to Care for the Elderly in Winter

As your body becomes older it becomes less able to respond to long exposure to cold winters. In cold weather, some older people may develop accidental hypothermia, a drop in internal body temperature that can be fatal if not detected and treated properly.

Accidental Hypothermia

Hypothermia is a condition of below normal body temperature - typically 95°F or under. Accidental hypothermia may occur in anyone who is exposed to severe cold without enough protection. However, some older people develop accidental hypothermia after exposure to relatively mild cold.

Those elderly most likely to develop accidental hypothermia are: the chronically ill, the poor who are unable to afford enough heating fuel, and those who do not take the normal steps to keep warm. The small number of aged persons whose body

temperature regulation is defective, face the greatest danger. For unknown reasons, these people do not feel cold or shiver, and thus cannot produce body heat when they need it. It is interesting to note that many people who have "felt cold" for years may actually have a lower risk of accidental hypothermia.

The only sure way to detect hypothermia is to use a special low-reading thermometer, available in most hospitals. A regular thermometer will also do as long as you shake it down well. If your temperature is below 95°F or does not register, get emergency medical help. Other signs to look for include: an unusual change in appearance or behavior during cold weather, slow, and sometimes irregular heartbeat, slurred speech, shallow, very slow breathing, sluggishness, and confusion. Treatments consist of re-warming the person under a doctor's supervision, preferably in a hospital.

Protective Measures

There is no strong scientific basis for recommending room temperatures for older people. However, setting the heat at 65°F in living and sleeping areas should be adequate in most cases, although sick people may need more heat.

Measures you can take to prevent accidental hypothermia include:

- Dress warmly even when indoors, eat enough food, and stay as active as possible.
- Because hypothermia may start during sleep, keep warm in bed by wearing enough clothing and using blankets.
- If you take medicine to treat anxiety, depression, nervousness, or nausea, ask your doctor whether the medication might affect the control of body temperature.
- Ask friends or neighbors to look in on you once or twice a day, particularly during a cold spell. See if your community has a telephone check-in or personal visit

service for the elderly or home-bound.

Contact for Assistance

Anyone trying to save on fuel costs can protect against hypothermia by dressing warmly and heating only one or two rooms of the home.

There are government-funded programs to help low-income families pay high energy bills, weatherize (insulate) their homes, or even get emergency repairs of heating/cooling units. Your local community actions agency or area agency on aging should be able to direct you to the proper source of assistance.





County Emergency Managers Contact Numbers

Aurora	605.942.7751
Beadle	605.353.8421
Bennett	605.685.5994
	605.589.4242
Bon Homme	
Brookings	605.696.9350
Brown	605.626.7122
Brule	605.234.3433
Buffalo	605.293.3231
Butte	605.723.0900
Campbell	605.955.3598
Charles Mix	605.384.5350
Clark	605.532.3822
Clay	605.677.7185
Codington	605.882.6272
Corson	605.273.4481
Custer	605.673.8152
Davison	605.995.8640
Day	605.345.3222
Deuel	605.874.8189
Dewey	605.848.1094
Douglas	605.999.5682
Edmunds	605.287.4394
Fall River	605.745.7562
Faulk	605.598.6229
Grant	605.432.4637
	605.775.2626
Gregory	
Haakon	605.567.3515
Hamlin	605.783.7831
Hand	605.853.2408
Hanson	605.239.4218
Harding	605.375.3313
Hughes	605.773.7454
Hutchinson	605.770.7927



Hyde Jackson Jerauld	605.852.2595 605.488.0334 605.539.0243
Jones	605.669.7101
Kingsbury	605.854.3711
Lake	605.256.7611
Lawrence	605.578.2122
Lincoln	605.764.5746
Lyman	605.869.2266
Marshall	605.448.2339
McCook	605.421.1302
McPherson	605.439.3667
Meade	605.347.7623
Mellette	605.259.3371
Miner	605.772.4533
Minnehaha	605.367.4290
Moody	605.997.3251
Pennington	605.394.2185
Perkins	605.244.5243
Potter	605.765.9405
Roberts	605.698.3800
Sanborn	605.796.4511
Shannon	605.745.3594
Spink	605.472.4591
Stanley	605.773.7454
Sully	605.258.2244
Todd	605.429.3246
Tripp	605.842.1890
Turner	605.661.5900
Union	605.356.2351
Walworth	605.649.7878
Yankton	605.668.5289 605.515.3768
Ziebach	005.515.3/68

Tribal Emergency Managers Contact Numbers

Cheyenne River Sioux Tribe 605.964.4155 Crow Creek Sioux Tribe 605.245.2345 Lower Brule Sioux Tribe 605.473.5561 Oglala Sioux Tribe 605.867.8147x5600 Rosebud Sioux Tribe 605.747.2381 Flandreau Santee Sioux Tribe 605.997.2642x1112 Sisseton Wahpeton Oyate 605.742.0431 Standing Rock Sioux Tribe 701.854.8644 Yankton Sioux Tribe 605.384.5003



Internet Resources

http://www.redcross.org

The American Red Cross has many materials available for teachers, educators, and presenters to use to help children and families learn how to stay safe and prevent or reduce the effects of disasters or other emergencies.

http://www.fema.gov/plan/index.shtm

While most disasters cannot be avoided, the Federal Emergency Management Agency provides information on things people can do to lessen the loss of life and property damage.

http://disasterassistance.gov

Disaster Assistance provides responders, emergency managers and homeland security advisors an online capability to collaborate with other members of the disaster management community. It is also a source of general information for citizens.

http://www.sddot.com/travelers/

This page includes links to assist South Dakota travelers.

http://www.ready.gov/

The U.S. Department of Homeland Security has developed a website to assist citizens in learning about potential threats so that they are better prepared.

http://www.ed.gov/emergencyplan/

This website is designed to be a one-stop shop that

provides school leaders with information they need to plan for any emergency, including natural disasters, violent incidents, and terrorist acts.

http://www.dhs.gov/how-do-i/prepare-my-family-disaster

Educating America's families on how best to prepare their homes for a disaster and tips for citizens on how to respond in a crisis is a mission of the U.S. Department of Homeland Security.

http://www.nws.noaa.gov

The National Weather Service (NWS) provides weather, forecasts, and warnings for the entire United States.

http://www.weather.gov/os/edures.shtml

This page contains links to the National Oceanic Atmospheric Administration web sites that contain information about weather education.



Seasonal Flu Prevention

Flu is a serious contagious disease. Each year in the United States, on average, more than 200,000 people are hospitalized and 36,000 people die from seasonal flu complications.

Flu-like symptoms include:

- Fever (usually high)
- Headache
- Extreme tiredness
- Dry cough
- Runny or stuffy nose
- Muscle aches
- Sore throat
- Vomiting
- Sometimes diarrhea

What You Can Do to Stay **Healthy & Informed:**

Influenza is thought to spread mainly person-to-person through the coughing or sneezing of infected people.

Take everyday actions to stay healthy.

Cover your nose and mouth with a tissue when you cough or sneeze. Throw the tissue in the trash after you use it.

Wash your hands often with soap and water, especially after you cough or sneeze. Alcohol-based hand cleaners are also effective. Avoid touching your eyes, nose or mouth. Germs spread that way. Stay home if you get sick. The Centers for Disease Control and prevention recommends that you stay home from work or school and limit contact with others to keep from infecting them.

Follow public health advice

regarding school closures, avoiding crowds, and other social distancing measures.

Find healthy ways to deal with stress and anxiety.

Vaccination is especially important for people at high risk of serious flu complications, including young children, pregnant women, people with chronic health conditions like asthma, diabetes, heart and lung disease, and people 65 years and older.

South Dakota Office of Emergency Management

South Dakota Department of Public Safety 118 West Capitol Ave. Pierre, SD 57501 Phone: 605-773-3231

Fax: 605-773-3580

http://dps.sd.gov/emergency services/emergency management/

The information contained in this newsletter was compiled by various agencies concerned with the safety of South Dakota citizens. The South Dakota Department of Health, the South Dakota Department of Transportation, the Federal Emergency Management Agency, and the National Weather Service helped make the 2014 South Dakota Winter Weather Preparedness Guide possible.



Winter Weather Terms

The winter wonderland that makes South Dakota so beautiful during the snowy months can also be life threatening. Winter blizzards, heavy snows, ice storms, freezing rain and high winds can be a serious hazard. One of the best defenses is to stay informed. By understanding and observing storm warnings, adequate preparations can be made to lessen the impact of hazardous weather on ourselves, our property, and pets.

To take full advantage of weather forecasts, know the specific meaning of the terms commonly used:

- Freezing Rain creates a coating of ice on roads and walkways.
- Sleet is rain that turns to ice pellets before reaching the ground. Sleet also causes roads to freeze and become slippery.
- Winter Weather Advisory means a winter storm event with cold, ice, and snow are expected.
- Winter Storm Watch means severe weather

conditions such as heavy snow or ice is favorable for a storm event in the next day or two.

- Blizzard Warning Blizzard event is imminent or expected in the next 12 to 36 hours. Sustained wind or frequent gusts at least 35 mph will accompany falling and/or blowing snow to frequently reduce visibility to less than 1/4 mile for three or more hours.
- Frost/Freeze Warning means below freezing temperatures are expected.
- Winter Storm Warning means severe winter conditions have begun or will begin very soon.

When a winter storm warning is issued:

- Stay indoors.
- If you must go outside wear several layers of lightweight clothing, those layers will keep you warmer than a single heavy coat.
- Gloves and a hat will prevent loss of body heat. Cover your mouth to protect your lungs.
- Walk carefully on snowy, icy walkways.



Are you ready for an emergency?

- Tips to help keep your familiy in contact during emergency
- Directions for making an Emergency Kit
- Provides tools to help your school plan for emergency
- And much more

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