READY TO RESPOND

NEWSLETTER

CITY OF CHARLESTON | NOVEMBER 2016 | CHARLESTON FIRE DEPT

Winter Weather Preparedness Month
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Winter Weather Preparedness Month

As the winter season approaches us you will see many animals preparing for the cold winter months. For Example, squirrels will be storing their nuts and getting their home ready for the cold spell. If animals do it, then why can't we. Many people do not prepare themselves for the long cold winter months. They think there is no chance that they could lose electricity for several days due to an ice storm or that the roads will always be cleared of snow. This is why everyone should start making plans now on how to deal with these possibilities. There is no better time than the month of November which is Winter Weather Preparedness Month.

Winter Weather Tips
OUTDOORS

Check temperatures and wind chill indices

Dress warmly, with several layers. Dress for the worst case

Use a warm coat, gloves, hat and water resistant boots

Cover exposed skin as much as possible

Watch for frostbite on finger tips, ear lobes, nose or toes

Avoid over exertion. The cold already pits a strain on the body and heart

WINTER WEATHER PREPAREDNESS

Winter Car Kit

Flashlight

First Aid Kit

Snow Shovel

Ice Scraper

Blankets/Sleeping Bag

Non-Perishable Food

Bottled Water

Booster Cables

Extra Clothing

Sand/Kitty Liter

Cell Phone

Do you know your Winter Weather Terms?

Winter Storm Watch - significant winter weather (snow, sleet, freezing rain, or a combination of these events) is possible, but not imminent.

Winter Weather Advisory - Winter weather is imminent and may cause inconveniences

Winter Storm Warning - A significant winter storm is imminent and is a dangerous threat to life and property.

Wind Chill Chart

Wind (mph) \ Temperature (°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
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
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

$$\text{Wind Chill (°F)} = 35.74 + 0.6215T - 35.75(V^{0.16}) + 0.4275T(V^{0.16})$$

Where, T= Air Temperature (°F) V= Wind Speed (mph)

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