

BLIZZARDS

HOW MIGHT WE EDUCATE PEOPLE ON BLIZZARDS, SO
THAT THEY WILL STAY SAFE

By: Willa Bonsall

TABLE OF CONTENTS

The effect of frostbite and hypothermia 3-4

What is a blizzard 5-6

Blizzards are very dangerous 7-8

Extra page 9-10-11-12

All about the author 13-14

The effect of frostbite and hypothermia

Written

By: Willa Bonsall

Hypothermia and Frostbite are almost the same. When you get one of them it is basically when your body freezes. Frostbite, you specifically only freeze at the fingers, toes, and ear lobes.

The cold and harsh weather in a blizzard can damage a lot of things. Like cars, trees, power lines, and probably bits of houses. But the weather can also give you hypothermia and frostbite. Frostbite is when your skin gets exposed to the cold weather for too long. You can prevent this by wearing warm clothes like coats, hats, and gloves in blizzards.

Homeless people might not have these things to keep warm in blizzard weather. Or they probably will not know the upcoming blizzard weather. If they do not know the upcoming weather they might not have the right things. So if they get hypothermia they maybe could not get taken care of or they can not find somewhere to get warm, they might die. Same with frostbite. They need to be able to keep warm in blizzards. Otherwise they might die.

Hypothermia is when you have low body temperature from the cold. You can prevent this by doing exactly the same thing as you can do as to prevent frostbite. And for both frostbite and hypothermia the best way to prevent it is to stay indoors!

W

ritten By: Willa Bonsall

What is a Blizzard



During a blizzard.

What are blizzards? Blizzards are harsh winter storms with tons of snow. They are sooo cold! You need to be able to dress warm enough for the weather. Blizzard winds can go up to 35 mph. Blizzards can also damage lots of things like cars and houses.

Blizzards are basically snow storms so after a blizzard there can be 2-6 inches of snow that is there per hour. They can damage things kind of like tornadoes but not as bad. Blizzards are a mix of a wind storm and a snow storm, but more harsh. For a blizzard to form, warm air must rise over cold air. There are two ways this might happen. Wind pulls cold air toward the equator from the poles and brings warm air from the equator. When warm air and cold air are brought together, a front is formed and precipitation occurs.

They could damage houses, cars and any other property. For cars, the windows could break so that the inside gets super cold and snowy. Blizzard also damages a lot of other stuff that you have outside. If you keep some stuff inside then they will not get damaged. For cars to get damaged trees could all and damage cars.

Blizzards are very dangerous and damage a lot of things.

Blizzards are very Dangerous

Written By: Willa Bonsall

Blizzards are very dangerous. They can give you frostbite, hypothermia, and you can freeze if you do not dress correctly. If you are going to go outside you need to dress in sweatpants, boots, gloves, hat, warm coat, and a scarf. But some people do not have these things. Or some people decide not to wear these warm clothes.

They could hurt you really bad like you could get frostbite and that hurts! But you would probably only get frostbite in freezing weather. Did you know that people who are homeless don't have suitable clothes for the weather? That is another problem with blizzards especially with the bad ones. Dress like you are in the arctic! But for homeless people you can donate clothes like hats, gloves, boots, snow pants, scarves and coats! You could also buy the homeless a hot drink! You could also give them some blankets or food.



Giving a drink to the homeless.

To donate stuff you can make a donation place in your school! Things to donate:

- Hats
- Scarves
- **Warm** boots
- A coat
- Mittens
- Snow pants or very warm pants

Those are some things that you can donate to the homeless.

How Blizzards Form

By: Willa Bonsall

1. Cold air (below freezing) is needed to make snow.

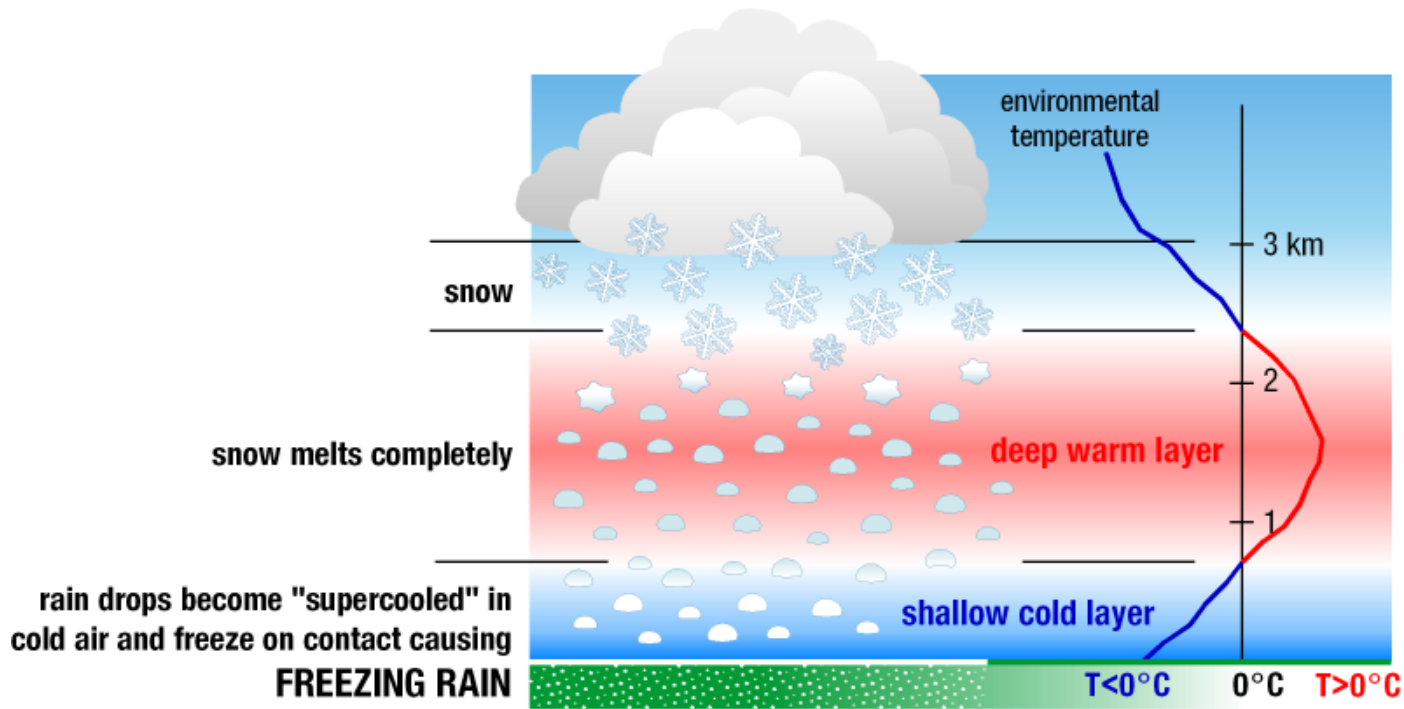
For snow to fall to the ground, the temperature must be cold both up in the clouds where snowflakes form, and down at ground level. If the air near ground level is too warm, the snow will melt on its way down, changing to rain or freezing rain.

2. Moisture is needed to form clouds and precipitation.

Moisture in the air is called water vapor. Air blowing across a body of water, such as a large lake or the ocean, is an excellent source of water vapor. As wind moves air over the water, some water evaporates from the surface, putting vapor into the air. This is how “lake effect snowstorms” and “Nor’easters” pick up so much moisture. However, cold air is not able to hold much water vapor. In fact, very cold air does not make very much snow.

3. Warm, rising air is needed to form clouds and cause precipitation .

For a blizzard to form, warm air must rise over cold air. There are two ways that this may happen. Winds pull cold air toward the equator from the poles and bring warm air toward the poles from the equator. When warm air and cold air are brought together, a front is formed and precipitation occurs. Warm air can also rise to form clouds and blizzard snows as it flows up a mountainside.



All About The Author

Willa Bonsall goes to school at Amerman Elementary. She is in third grade in Mrs. Parnin's class. She has three sisters at home. Willa has a pet guinea pig and wants a dog. Some of Willa's friends are Adalyn, Brynn, her cousins, and Max. Willa likes to play hockey and Ninja Warrior. She also plays basketball and softball. Willa was born on September, 22, 2010. Willa is currently 9 years old. Willa's favorite subject in school is ELA reading and writing. All of her cousins are Jaida, Brynne, Luke, Zoe, and Hazel. (And the new baby boy!)

