



Reading Science

Weather is what it is like outside. It could be hot or cold. It could be sunny or cloudy. It could be rainy or dry. It could be windy or calm. All of these are kinds of weather.

Let's explore some weather events.



Rain

Rain comes from clouds. Clouds are made of many water droplets. When the droplets fall, they are rain. Raindrops have different sizes. Smaller rain drops weigh less than bigger ones.

Thunderstorms

Thunderstorms form in clouds, but not all clouds cause thunderstorms! Thunderstorms have flashes of lightning.

Lightning is electricity. It is unsafe. As lightning flashes, it also makes sound called thunder. Thunderstorms can have wind. The wind can be dangerous. There will also be rain in thunderstorms.





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Tornadoes

Some thunderstorms form tornadoes. Tornadoes look like a funnel. They have very strong winds whipping around the funnel. Tornadoes are unsafe. They can damage homes, cars, and many other things. They can be deadly.



Hurricanes

A hurricane is a very large storm. It is sometimes called a cyclone or typhoon. It has very strong winds. A hurricane forms over warm ocean water.

It moves very slowly. There is a lot of rain, thunder, and lightning. Tornadoes can form in hurricanes. Hurricanes can cause flooding. Flooding can damage homes.

Hurricanes are very unsafe.





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Hail

Hail is a chunk of ice. It can be bigger than a raindrop. It can be as small as a pencil eraser. It can be as large as a softball. We see hail during some thunderstorms. We see hail during some hurricanes.



Snow

When snow falls it is cold and cloudy outside. Snow is white. Snow is tiny drops of ice. The drops sometimes stick together. They form snowflakes. Some snowflakes are very pretty.





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Sleet

Sleet is a mix of rain and snow. Sleet can be slick. It makes roads very slippery.

It can be unsafe. There are many kinds of weather. Weather can be enjoyable. Some weather can be threatening. Earth has interesting weather. It's important to stay safe in all weather.

