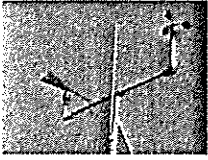


Need to Know Study Guide

Ch. 6 Weather



This is an anemometer. It measures wind speed.

A barometer measures air pressure.

White, fluffy clouds appear on a warm, bright day.

Eastern Washington has cold, dry weather because the clouds traveling east from the Pacific Ocean rise up the western side of the Cascade Mountains, cool down, and release precipitation over the western half of the state. As the clouds continue east over the mountains, there is no moisture left in the clouds, so the eastern half of the state stays cold and dry.

A tornado is a spinning column of air that touches the ground.

People with breathing difficulties should avoid the outdoors when there is a smog alert.

Cars and trucks emit a harmful substance called ozone into the air.

A tornado warning means that a tornado has been sighted and is likely to strike during the next few minutes.

Some weather map symbols are:



Partly Cloudy



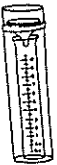
Stormy Weather



Sunny Weather

A blizzard is a type of storm with low temperatures, strong winds, and heavy snowfall.

← This is a rain gauge. It is used to measure the amount of rainfall over a certain period of time.



Hurricanes are larger storms than tornadoes.

Hurricanes form over warm oceans.

Tornadoes form on land. Tornadoes produce strong winds. Tornadoes are shaped like a funnel.

Hurricanes produce heavy rain and strong winds.

Both tornadoes and hurricanes can cause great damage.

Meteorologists can warn people in advance if a hurricane or tornado will strike in their community.