



Weather Vocabulary Worksheet

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Score: _____

Define these terms:

Air Pressure This is the force exerted on you per unit area by the weight of molecules in the air. Weather forecasters measure this with a barometer.

Anemometer This is a tool used to measure wind speed in miles per hour.

Barometer Equipment used to measure atmospheric pressure.

Blizzard This is a severe snowstorm with high winds and low visibility.

Cirrus Cloud This is a very high, wispy cloud composed of ice. It usually predicts fair weather.

Climate These are the general weather conditions of an area over a long period of time.

Cloud The result of evaporation, this is a visible body of fine water droplets or ice particles suspended in Earth's atmosphere.

Cold Front This is defined as the transition zone where a cold air mass is replacing a warmer air mass. The air behind this front is noticeably colder and drier than the air ahead of it.

Cumulonimbus Cloud This is a type of cloud associated with thunderstorms. They are gray-black clouds, very tall, and often flat on top.

Cumulus Cloud This is a white, puffy clouds that look like a piece of floating cotton. It is called the fair-weather cloud.

Direction This is the line, or path along which something is moving, pointing, or aiming.

Fog This is a low-lying cloud. This is a collection of liquid water droplets or ice crystals suspended in the air at or near the Earth's surface.

Forecast This is predicting expected weather trends by examining and analyzing available weather data.

Front This is a line on a weather map separating two air masses.

Frontal System This is a boundary separating two masses of air of different densities, and is the principal cause of changes in weather patterns for a given area.

High Pressure This is a region where the atmospheric pressure is greater than surrounding areas. It is associated with light winds and clear skies.

Low Pressure This is a region where the atmospheric pressure is lower compared to the surrounding area. It is associated with windy conditions, clouds, and bad weather.

Mean Annual Precipitation This is the average of all annual precipitation values known for a specific area. This amount is a factor in distinguishing one biome from another.

Mean Annual Temperature This is the average temperature for the entire year at any specific location. This is one of the factors in distinguishing one biome from another.

Pattern This is an obvious regularity in the natural world or in a manmade design.

Precipitation Water that falls to the ground as rain, snow, etc.

Prediction This is a statement that a particular event will occur, based on reasonable observations of prior events.

Rain Gauge This is a tool used to measure the amount of precipitation in inches or centimeters.

Season One of four major divisions of the year based on the Earth's tilt and the light from the sun.

Stationary Front This is when a cold air mass and a warm air mass meet at a frontal boundary and neither air mass moves, resulting in a long period of precipitation.

Stratus Cloud This is a uniform grayish cloud that often covers the entire sky. It resembles fog that doesn't reach the ground. Light mist or drizzle sometimes falls out of these clouds. .

Temperature The measure of how hot or cold something is.

Thermometer Equipment used to measure the temperature of an object.

Thunderstorm This is a form of weather characterized by lightning and large amounts of rainfall.

Warm Front This is defined as the transition zone where a warm air mass is replacing a cold air mass.

Weather The various atmospheric conditions that occur at any given time in any place.

Weather Map This is a map or chart showing climate conditions over a wide or local area.

Wind This is the horizontal movement of air caused by heating from the sun and rotation of the planet.

Wind Vane This is a tool used to measure wind direction.