

WEATHER TRIVIA QUESTIONS



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- 1> What word describes the typical weather found in a region over a long period of time?
- 2> What term describes the density or force of air on things?
- 3> What instrument is used to measure the amount of rain that has fallen in a given period?
- 4> What do you call the phase of the water cycle whereby runoff water collects prior to evaporating back into the atmosphere?
- 5> What device is used to measure how cold or hot the air temperature is?
- 6> What term refers to the amount of moisture or water vapor in the air?
- 7> What device is used to show what direction the wind is blowing?
- 8> During this phase of the water cycle, water changes from a liquid state to a gas form.
- 9> What scientific apparatus measures wind speed?
- 10> Name the phase of the water cycle where water vapor collects on dust particles and forms clouds.
- 11> What is the term for a strong storm that has heavy snow and wind?
- 12> What tool is used to measure changes in air pressure?
- 13> The zone where a cold air mass is replacing warm air.
- 14> What do you call the phase of the water cycle where water droplets become heavy enough to drop from the clouds?
- 15> What is the zone called where a warm mass of air is replacing cold air?

Answers:

- 1> Climate - Weather may change daily, but climate changes only over a very long period of time.
- 2> Air Pressure - Air pressure changes from location to location causing air to move from areas of high pressure towards areas of low pressure.
- 3> Rain Gauge - Two-thirds of the earth is covered in water.
- 4> Collection - There is the same amount of water on earth now as there was when dinosaurs roamed the earth.
- 5> Thermometer - Thermometers were developed during the 16th and 17th centuries.
- 6> Humidity - In meteorology, humidity is an indicator of the likelihood of precipitation.
- 7> Weather Vane - Although they are functional, weather vanes are generally used for decoration.
- 8> Evaporation - Ninety-seven percent of the earth's water is in the oceans.
- 9> Anemometer - The first known reference to an anemometer was given by Leon Battista Alberti in 1450.
- 10> Condensation - Water is the only thing that can be a liquid, gas or a solid.
- 11> Blizzard - Hurricanes are also known as tropical cyclones.
- 12> Barometer - Pressure tendency can help to forecast changes in the weather.
- 13> Cold Front - The cooler air wedges under the less-dense warmer air, lifting it.
- 14> Precipitation - One twenty minute thunderstorm can drop over 125,000,000 gallons of water.
- 15> Warm Front - Clouds that are ahead of the warm front are mostly stratiform.

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