

Weather Instrument Questions

1. A _____ is a tool that measures air pressure and _____ is a tool that measures wind speed.
2. A tool that measures temperature in degrees Celsius/Fahrenheit is a _____.
3. _____ is the measure of kinetic energy of the particles in a material.
4. _____ pressure signals fair weather with winds circling in a _____ direction.
5. _____ pressure signals rainy weather with winds circling in a _____ direction.
6. A tool that measures relative humidity is called a _____.
7. This tool tells us which direction the wind is blowing. It is called a _____.
8. A tool that measures how fast or slow the wind is blowing is called a _____.
9. Air moving in a specific direction because of convection is _____.

*****True/False: IF FALSE, Correct the UNDERLINED Word*****

- _____ 10. A rain gauge measures the amount of precipitation in meters.
- _____ 11. The amount of water vapor in the air is humidity.
- _____ 12. A scientist uses a wind vane to measure relative humidity.
- _____ 13. An anemometer is used to measure air pressure and a barometer is used to measure wind speed in miles per hour.
- _____ 14. A rain gauge measures the amount of condensation and the temperature that water condensates is the cloud marker.
- _____ 15. A sling psychrometer is used to determine the direction of the wind.
- _____ 16. Climate is the state of the atmosphere at a specific time and place.
- _____ 17. Weather is the average pattern in an area over a long period of time.
- _____ 18. An air mass is a large body of air that has the same characteristics of the Earth's surface where it was formed.