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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Science Weather Unit

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| **Across****4.** An instrument indicating temperature**6.** Instrument used for measuring the speed of wind**8.** Large ocean wave caused by an underwater earthquake or a volcanic explosion**9.** When a thundercloud has many small bits of ice bump into each other and they move around it creates this**11.** Instrument that measures the atmospheric pressure, weather and altitude.**13.** This cloud is a thunderstorm cloud and can produce rain, snow, hail and lightning**14.** The continuous rain cloud**15.** This cloud may have a fibrous (hair-like) and/or silky sheen appearance.**16.** Generally a gray cloud layer with a base, if thick enough, produce drizzle or ice prisms | **Down****1.** Can form anywhere in the world, but they mostly end up forming in flat or dry terrains**2.** Only forms over really warm ocean water of 80°F or warmer**3.** Two air masses where one is cool and the other warm, are moving so that the warmer air replaces the cooler air**5.** The combination of a cold front and warm front when they catch up and cold overtakes a warm front**7.** Two air masses, one cold and one warm, moving so the colder air replaces the warmer air**10.** When electricity passes through the air and causes particles to vibrate. The vibrations are heard as sound.**12.** These clouds develop vertically in the shape of mountain and resembles pieces of cotton. They are often referred to as "fair-weather clouds". |