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

The Weather Crossword

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| **Across**  **2.** A collection of small water droplets or ice crystals suspended in the air is cooled and condensation occurs.  **4.** A large body of air where the temperature and moisture are constant throughout.  **7.** The amount of water vapor in the air.  **11.** The short term state of the atmosphere, including temperature, humidity, precipitation, wind, and visibility.  **12.** Instrument used to measure atmospheric pressure.  **14.** Thunderstorms come from this cloud.  **16.** The most common form of precipitation.  **17.** Instrument used to measure wind speed.  **18.** The sound caused by the rapid expansion of air along an electrical strike.(Hint: Part of a thunderstorm)  **19.** The ratio of the amount of water vapor in the air to the maximum amount of water vapor the air can hold at a set temperature.  **20.** A destructive, rotating column of air that has very high wind speeds, is visible as a funnel-shaped cloud, and touches the ground.(Hint:75% of them occur in the U.S.) | **Down**  **1.** The change of state from a gas to a liquid.  **3.** An area in the atmosphere that has lower pressure than the surrounding areas and has winds that spiral towards the center.  **5.** An instrument used to measure temperature.  **6.** A sever storm that develops over tropical oceans and whose strong winds of more than 120Km/h spiral toward the intensely low pressure storm center.(Hint: Start as thunderstorms over tropical oceans.)  **8.** The rotation of air around a high pressure center in the direction opposite of Earth's rotation.  **9.** Any form of water that falls to the Earth's surface from the clouds.  **10.** The boundary between air masses of different densities and usually different temperatures.  **13.** A usually brief heavy storm, heavy storm that consists of rain, strong winds, lightning, and thunder.  **15.** An electric discharge that takes place between two oppositely charged surfaces, such as between a clouded the ground, between two clouds, or between two parts of the same cloud.(Hint: Part of a thunderstorm) |