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Earth Oceans and Weather Systems Vocabulary

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| **Across**  **2.** the transfer of heat from one place to another caused by movement of molecules  **5.** water that is released from clouds in the sky, includes rain, snow, sleet, and freezing rain  **8.** cloud forming a broken layer of small fleecy clouds at high altitude with a rippled or granulated appearance  **9.** a hurricane or tropical storm originating in the pacific ocean  **14.** the average weather conditions in an area  **15.** the transfer of thermal energy  **17.**  the slow warming of Earth's atmosphere due to climate change  **20.** a tool used to measure air pressure  **21.** small, icy balls that fall from the sky  **24.**  a storm with strong winds, and rain that forms over tropical waters  **25.** a cloud forming a thick uniform gray layer at low altitude, from which rain or snow often falls  **27.** in weather, the boundary between two masses of air with different properties  **28.** angular distance north and south of the equato  **29.** a region of low pressure with counter-clockwise wind rotation that develops into a hurricane or tropical storm  **30.** a rotating, funnel shaped cloud, they do not touch the ground | **Down**  **1.** a funnel shaped cloud of column of air that rotates at high speeds and extends downward to the ground  **3.** a measure of how much water is in something  **4.** a weather system that produces heavy precipitation, winds, lightning, and thunder  **6.** anvil-shaped cloud that is often involved in heavy or violent storms  **7.** extremely cold climate located near the north and south poles and on the tops of mountains, receives very little precipitation and has no trees  **10.** the study patterns of weather  **11.**  the force that air puts on an area  **12.** layers of gas that surrounds planet  **13.** atmospheric water vapor frozen into ice crystals and falling in light white flakes  **16.** frozen rain or precipitation in the form of ice pellets  **18.** large, fluffy, white clouds, often seen in fair skies  **19.** the movement of air due to atmospheric pressure differences  **22.** the process in which matter changes from a liquid to a gas  **23.** thin, wispy looking clouds, commonly found at heights greater than 6 kilometer  **26.** a low lying cloud characterized by a thin, layered, sheet-like appearance |