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

Earth, Oceans, and Weather Crossword

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|  |  | 4  C |  |  |  |  |  |  | 5  G | L | O | B | A | L | W | A | R | M | I | N | G |  |  |  |  |  |  |  |  |
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|  | 9  B | A | R | O | M | E | T | E | R |  | A |  |  |  |  |  |  |  |  |  | 10  T |  | P |  |  |  |  |  |  |
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|  |  |  | 18  S | L | E | E | T |  | U |  | 19  E | V | A | P | O | R | A | T | I | O | N |  | E |  |  | C |  |  |  |
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|  | 20  H | U | R | R | I | C | A | N | E |  | 21  C |  | O |  | I |  | 22  M | O | I | S | T | U | R | E |  | P |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 28  L | A | T | I | T | U | D | E |  | 29  W | I | N | D |  |  |  | N |  |  |  |
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| **Across**  **2.** The transfer of heat from one place to another caused by movements of molecules  **5.** The slow warming of Earth's atmosphere due to climate change  **8.** Layers of gas that surround a planet  **9.** A tool used to measure air pressure  **14.** Weather system that produces heavy precipitation, winds, lightning, and thunder  **15.** The transfer of thermal energy  **18.** Frozen rain or precipitation in the form of ice pallets  **19.** Process in which matter changes from a liquid to a gas  **20.** A storm with strong winds and rain that forms over tropical waters  **22.** A measure of how much water is in something  **23.** A high-lying cloud that is small, high, patched clouds, in rows  **24.** A low-lying cloud characterized by a thin, layered, sheet-like appearance  **26.** Precipitation that forms ice crystals  **28.** Angular distance north and south of the equator  **29.** The movement of air due to atmospheric pressure differences  **30.** Extremely cold climate located near the North and South Poles and on the tops of mountains; receives very little precipitation and has no trees | **Down**  **1.** Low to mid level clouds. Dark, widespread, and formless  **3.** Small, icy balls that fall from the sky  **4.** The average weather conditions in an area  **6.** A region of low pressure with counter-clockwise wind rotation developing into a hurricane or tropical storm  **7.** The force that air puts on an area  **10.** A hurricane or tropical storm originating in the pacific ocean  **11.** Anvil-shaped cloud that is often involved in heavy or violent storms: AKA thunderheads  **12.** A rotating, funnel-shaped cloud  **13.** A funnel-shaped cloud or column of air that rotates at high speeds and extends downward from a cloud to the ground  **16.** Water that is released from clouds in the sky, including rain, snow, sleet, hail, and freezing rain  **17.** The study of patterns of weather  **21.** Thin, wispy looking clouds; commonly found at heights greater than 6km  **25.** In weather, the boundary between two masses of air with different properties  **27.** Large, fluffy, white clouds, often seen in fair skies |