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Hydrology Unit

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| **Across**  **4.**  oceanographic phenomenon that involves wind-driven motion of dense, cooler, and usually nutrient-rich water towards the ocean surface,  **7.**  process of water movement through a lant and its evaporation from aerial parts  **12.**  species that can be used to monitor the health of an environment or ecosystem.  **20.** may be anywhere on Earth that is covered by seawater  **21.** water pollution affects a water body from sources such as polluted runoff from agricultural areas draining into a river, or wind-borne debris blowing out to sea.  **22.** a numeric scale used to specify the acidity or basicity(alkalinity) of an aqueous solution  **23.** all the waters on the earth's surface, such as lakes and seas  **24.** The integration and application of environmental values into the military mission in order to sustain readiness, improve quality of life  **25.** an area or ridge of land that separates waters flowing to different rivers, basins, or seas.  **26.** water present beneath Earth's surface in soil pore spaces and in the fractures of rock formations  **27.**  a partly enclosed coastal body of brackish water with one or more rivers or streams flowing into it  **28.** rain, snow, sleet, or hail that falls to the ground. | **Down**  **1.** of or found in fresh water; not of the sea  **2.** a substance that pollutes something, especially water or the atmosphere  **3.** introduction of contaminants into the natural environment that cause adverse change  **5.** a single identifiable source of air, Water pollution, thermal, noise or light pollution  **6.** an underground layer of water-bearing permeable rock, rock fractures or unconsolidated materials  **8.** change of the physical state of matter from gas phase into liquid phase  **9.** biological conversion of one or more carbon molecules  **10.**  a type of vaporization of a liquid that occurs from the surface of a liquid into a gaseous phase  **11.**  may be anywhere on Earth that is covered by seawater  **13.** the cloudiness or haziness of a fluid caused by large numbers of individual particles that are generally invisible to the naked eye  **14.** study of the movement, distribution, and quality of water on Earth and other planets  **15.** a rapid increase or accumulation in the population of algae  **16.** mass of water found on, under, and over the surface of a planet.  **17.** of, found in, or produced by the sea  **18.** saltiness or dissolved salt content of a body of water  **19.** the draining away of water (or substances carried in it) from the surface of an area of land, a building or structure, etc. |