|  |
| --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Hydrology Unit

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  | 1  F |  |  |  |  |  | 2  P |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 3  P |  |  |  |  |  |  | R |  |  |  |  |  | O |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | O |  |  |  |  |  |  | E |  | 4  U | P | W | E | L | L | I | N | G |  |  |  |  |  |  |  |  |
|  |  |  |  | L |  |  |  |  |  |  | S |  |  |  |  |  | L |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | L |  |  |  |  |  |  | H |  |  |  | 5  P |  | U |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | U |  |  |  |  |  |  | W |  |  |  | O |  | T |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | T |  | 6  A |  |  | 7  T | R | A | N | S | P | I | R | A | T | I | O | N |  |  |  |  |  | 8  C |  |  |
|  |  |  |  | I |  | Q |  |  |  |  | T |  |  |  | N |  | N |  |  |  |  |  |  |  |  |  | O |  |  |
|  |  |  |  | O |  | U |  |  |  |  | E |  | 9  C |  | T |  | T |  |  | 10  E |  |  |  |  |  |  | N |  | 11  O |
| 12  B | I | O | I | N | D | I | C | A | T | O | R |  | H |  | S |  |  |  |  | V |  |  |  |  | 13  T |  | D |  | C |
|  |  |  |  |  |  | F |  |  |  |  |  |  | E |  | O |  | 14  H |  |  | A |  |  |  |  | U |  | E |  | E |
|  |  |  |  | 15  A |  | E |  | 16  H |  |  |  |  | M |  | U |  | Y |  |  | P |  |  | 17  M |  | R |  | N |  | A |
|  | 18  S |  |  | L |  | R |  | Y |  |  | 19  R |  | O |  | R |  | D |  |  | 20  O | C | E | A | N | B | A | S | I | N |
|  | A |  |  | G |  |  |  | D |  |  | U |  | S |  | C |  | R |  |  | R |  |  | R |  | I |  | A |  | B |
|  | L |  |  | A |  |  |  | R |  |  | N |  | Y |  | E |  | O |  |  | A |  |  | I |  | D |  | T |  | A |
|  | I |  |  | L |  |  | 21  N | O | N | P | O | I | N | T | P | O | L | L | U | T | I | O | N |  | I |  | I |  | S |
|  | N |  |  | B |  |  |  | S |  |  | F |  | T |  | O |  | O |  |  | I |  |  | E |  | T |  | O |  | I |
|  | I |  |  | L |  |  |  | 22  P | H |  | F |  | H |  | L |  | G |  |  | O |  |  |  |  | Y |  | N |  | N |
|  | T |  |  | O |  |  |  | H |  |  |  |  | E |  | L |  | Y |  |  | N |  |  |  |  |  |  |  |  |  |
| 23  H | Y | D | R | O | S | P | H | E | R | E |  |  | S |  | U |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | M |  |  |  | R |  |  |  |  | I |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 24  S | T | E | W | A | R | D | S | H | I | P |  | 25  W | A | T | E | R | S | H | E | D |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | O |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  | 26  G | R | O | U | N | D | W | A | T | E | R |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | 27  E | S | T | U | A | R | Y |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 28  P | R | E | C | I | P | I | T | A | T | I | O | N |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **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. |