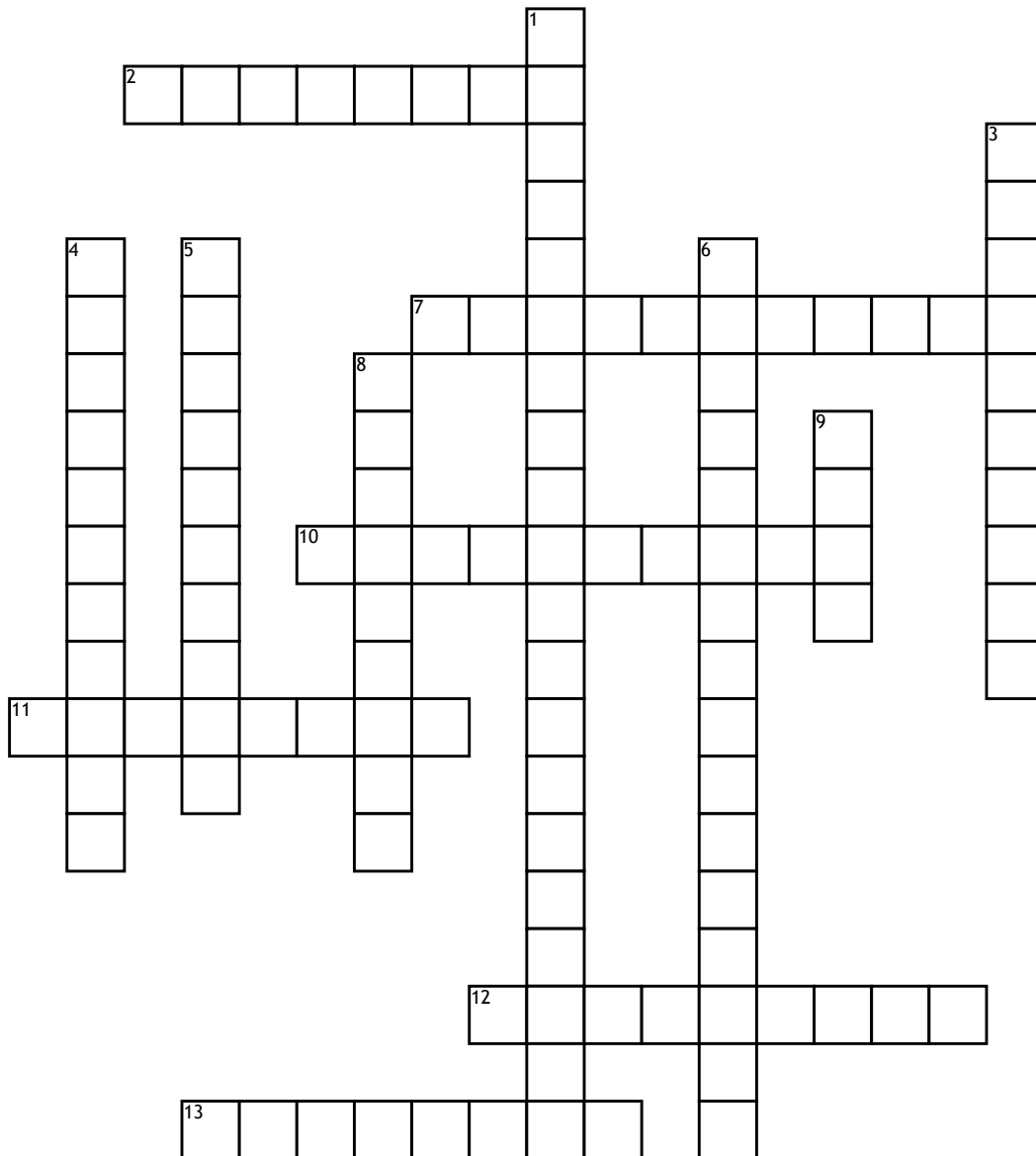


# Properties of the Atmosphere



**Across**

- 2. The density and pressure of the layers of the atmosphere decreases as this increases.
- 7. pressure exerted on a surface by the weight of the atmosphere above the surface
- 10. occurs when the amount of water vapor in a volume of air has reached the maximum amount possible for that temperature.
- 11. amount of water vapor in the atmosphere at a given location on Earth's surface.

12. Air pressure is often measure in this

13. temperature to which air must be cooled at constant pressure to reach saturation.

**Down**

- 1. increase in temperature with height in an atmospheric layer.
- 3. The extra thermal energy contained in water vapor compared to liquid water
- 4. Can be measured in Fahrenheit, Celsius, and Kelvins

5. The United State uses this temperature scale

6. The amount of water vapor in a volume of air relative to the amount of water vapor needed for that volume of air to reach saturation is called

8. A process in which temperature changes without the addition or removal of thermal energy from a system is called a \_\_\_\_\_ process

9. movement of air