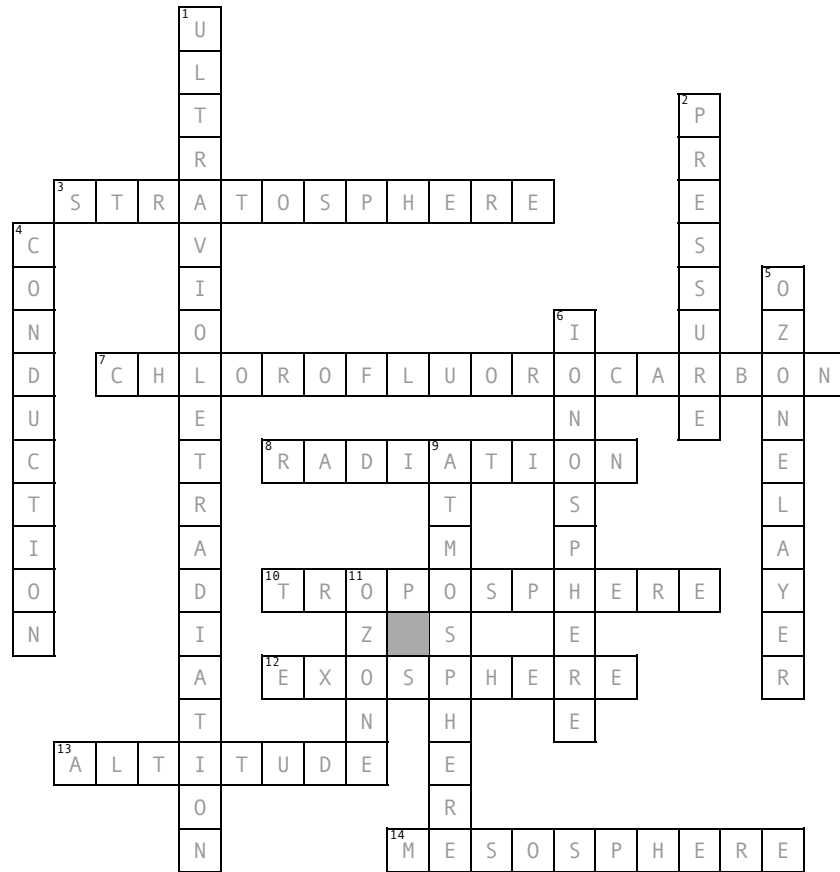


Layers of the Atmosphere



Across

- 3. this layer contains ozone, which is a special layer of oxygen molecules and absorb harmful rays of sun
- 7. a gas that was once commonly used in various products (such as aerosols) but that is believed to cause damage to the ozone layer in the Earth's atmosphere
- 8. the process in which energy is emitted as particles or waves
- 10. this is the layer closest to the ground where we live and this is where weather takes place
- 12. its made of light gases and the molecules are spaced farther and farther apart until they don't exist
- 13. elevation above sea level or above earth's surface
- 14. there is no ozone in this layer and its very cold

Down

- 1. Electromagnetic radiation that has a wavelength between that of visible light and that of X-rays
- 2. is a measure of the force applied over a unit area
- 4. is the movement of something such as heat or electricity through a medium or passage
- 5. the region of the stratosphere with the highest concentration of ozone molecules, which by absorbing high-energy solar ultraviolet radiation protects organisms on earth
- 6. A region of the earth's atmosphere where ionization caused by incoming solar radiation affects the transmission of radio waves. It extends from a height of 70 kilometers (43 miles) to 400 kilometers (250 miles) above the surface
- 9. the layer above the earth and is made of many gases, including oxygen and nitrogen
- 11. colorless gas (O₃) soluble in alkalis and cold water; a strong oxidizing agent; can be produced by electric discharge in oxygen or by the action of ultraviolet radiation on oxygen in the stratosphere