

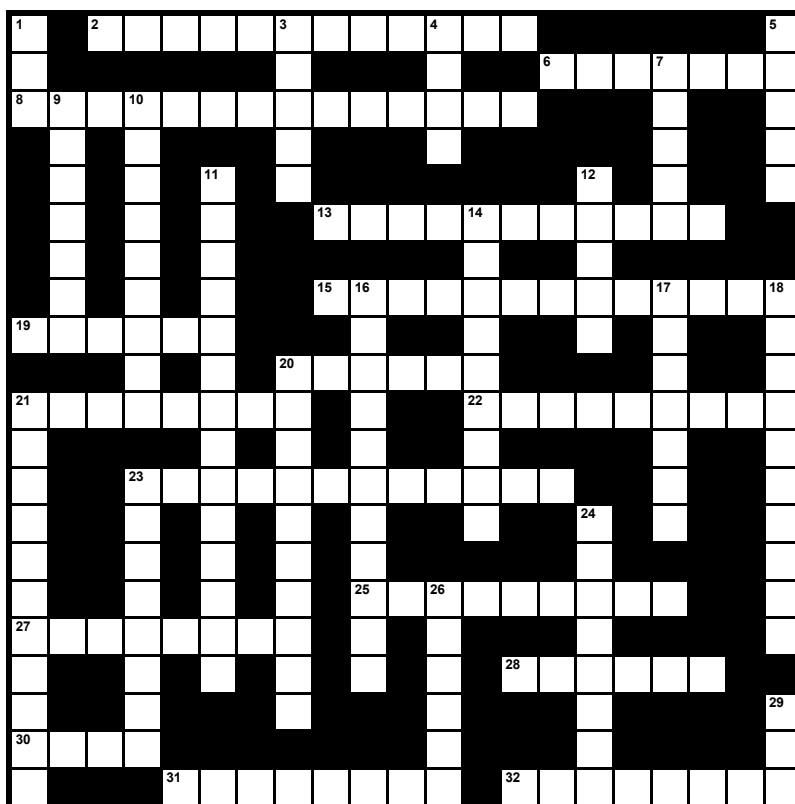
Enviro_Atmosphere_21x21

Across

- 2 The atmospheric layer between the troposphere and the mesosphere. (12)
- 6 A cooler darker spot appearing periodically on the surface of the sun; associated with a strong magnetic field. (7)
- 8 An odourless very poisonous gas that is a product of incomplete combustion of carbon. (6,8)
- 13 Invisible, short wavelength region of the solar spectrum. (11)
- 15 Rise in global temperature caused by increased amounts of atmospheric gases that trap heat in Earth's atmosphere by absorbing longwave radiation. (6,7)
- 19 The ratio of reflected to incident light. (6)

- 20 Any of the small solid extraterrestrial bodies that hits the earth's atmosphere. (6)
- 21 Any of a class of highly reactive chemical compounds; used in making resins and dyes and organic acids. (8)

- 22 An area of the ozone layer (near the poles) that is seasonally depleted of ozone. (9)
- 23 (N2O) used as a mild anesthetic. (7,5)
- 25 The outermost atmospheric layer. (9)
- 27 A common nonmetallic element belonging to the halogens; best known as a heavy yellow irritating toxic gas. (8)
- 28 Any of a class of organic compounds having a carbonyl group linked to a carbon atom in each of two hydrocarbon radicals. (6)
- 30 A colourless odourless gaseous element that give a red glow in a vacuum tube. (4)



- 31 The simplest and lightest and most abundant element in the universe. (8)

- 32 Wetness in the atmosphere. (8)

Down

- 1 A fluorocarbon with chlorine; formerly used as a refrigerant and as a propellant in aerosol cans. (3)
- 3 A colorless gas (O3) soluble in alkalis and cold water; a strong oxidizing agent. (5)
- 4 Give off, or discharge; as of light, heat, or radiation, vapour, etc. (4)
- 5 A violent weather condition with strong winds. (5)
- 7 Probe that sends information about its environment. (5)

- 9 A cloud of solid or liquid particles in a gas. (7)

- 10 The regions of the surface and atmosphere of the Earth (or other planet) where living organisms exist. (9)

- 11 Synthesis of compounds with the aid of radiant energy (especially in plants). (14)

- 12 Relating to or derived from the sun or utilizing the energies of the sun. (5)

- 14 Living or active in the absence of free oxygen. (9)

- 16 The solid part of the earth. (11)

- 17 Simple combustible hydrocarbon. The major component of natural gas. (7)

- 18 A building with glass walls and roof; for the cultivation and exhibition of plants under controlled

conditions. (10)

- 20 The atmospheric layer between the stratosphere and the thermosphere. (10)

- 21 winds spiraling outward from a high-pressure center; circling clockwise in the northern hemisphere and counter-clockwise in the southern. (11)

- 23 It constitutes 78 percent of the atmosphere by volume; a constituent of all living tissues. (8)

- 24 An ordered array of the components of an emission or wave. (8)

- 26 It constitutes about 21 percent of the atmosphere by volume. (6)

- 29 The atmosphere and outer space as viewed from the earth. (3)