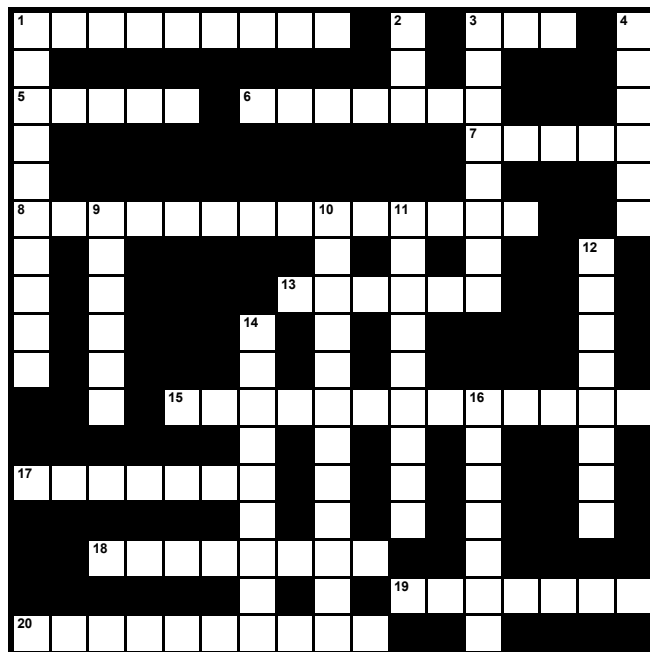


2003-08-01_Atmosphere_17x17

B.B. Huria



Across

- 1 A short electromagnetic wave (longer than infrared but shorter than radio waves); used for radar and microwave ovens. (9)
- 3 A fluorocarbon with chlorine; formerly used as a refrigerant and as a propellant in aerosol cans. (3)
- 5 Relating to or derived from the sun or utilizing the energies of the sun. (5)
- 6 A cloud of solid or liquid particles in a gas. (7)
- 7 A colorless gas (O₃) soluble in alkalis and cold water; a strong oxidizing agent. (5)
- 8 Synthesis of compounds with the aid of radiant energy (especially in plants). (14)

- 13 Any of a class of organic compounds having a carbonyl group linked to a carbon atom in each of two hydrocarbon radicals. (6)
- 15 Of or relating to or produced by the effects of light on chemical systems. (13)
- 17 A nonmetallic largely pentavalent heavy volatile corrosive dark brown liquid element belonging to the halogens; found in sea water. (7)
- 18 The simplest and lightest and most abundant element in the universe. (8)
- 19 Relating to the motion of material bodies and the forces associated therewith. (7)
- 20 Meter to detect and

measure radiant energy (electromagnetic or acoustic). (10)

Down

- 1 The atmospheric layer between the stratosphere and the thermosphere. (10)
- 2 (EMS) Entire spectrum of electromagnetic radiation ranging from gamma rays, less than 0.03 nanometers, to radio waves, greater than or equal to 30 centimeters. (3)
- 3 A common nonmetallic element belonging to the halogens; best known as a heavy yellow irritating toxic gas. (8)
- 4 The ratio of reflected to incident light. (6)

- 9 A nonmetallic bivalent element that constitutes about 21 percent of the atmosphere by volume. (6)
- 10 The atmospheric layer between the mesosphere and the exosphere. (12)
- 11 The outermost atmospheric layer. (9)
- 12 Electromagnetic radiation with wavelengths longer than visible light but shorter than radio waves. (8)
- 14 An area of the ozone layer (near the poles) that is seasonally depleted of ozone. (9)
- 16 Simple combustible hydrocarbon. The major component of natural gas. (7)