

Air Chemistry - 21 x 21

Across

- 1 A chemical reaction associated with release of energy or heat into the surroundings. (10)
- 5 Mixing of air particles to falling rain or snow drops. (9)
- 6 Droplets of water vapour suspended in the air near the ground. (3)
- 7 An odourless very poisonous gas that is a product of incomplete combustion of carbon. (6,8)
- 11 This is a term used to describe a mixture of smoke and fog. (4)
- 12 A unit of electrical energy equal to the work done when a current of one ampere passes through a resistance of one ohm for one second. (5)

- 13 The organic circulation of carbon from the atmosphere into organisms and back again. (6,5)

- 14 A seasonal wind in South Asia that blows from the South West bringing rain in summer. (7)

- 18 A slow-moving large mass of ice formed in higher latitudes and elevations. (7)

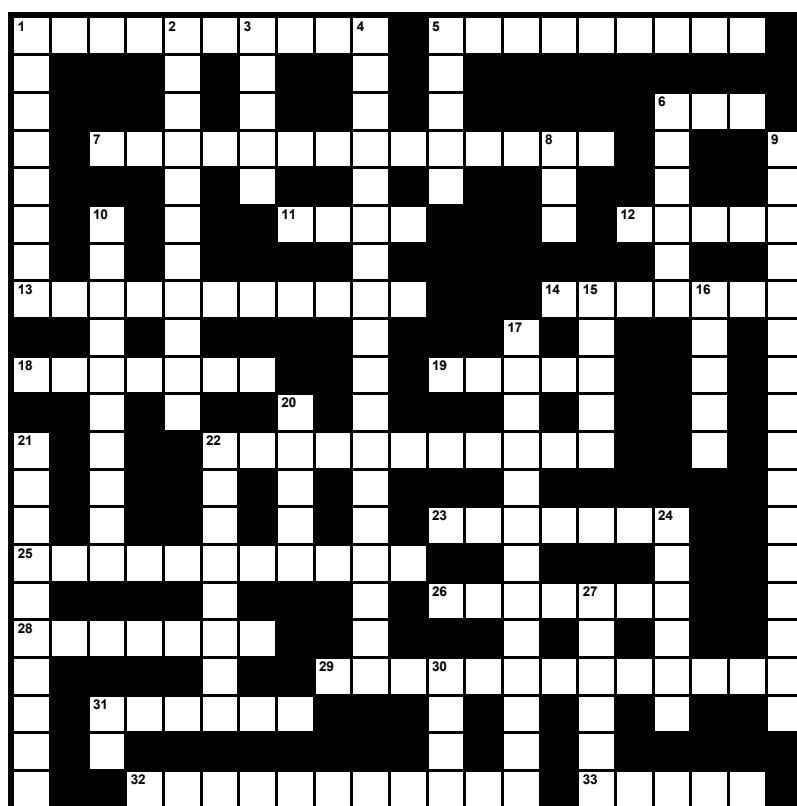
- 19 A product of incomplete combustion comprising mostly of carbon and small liquid and solid particles. (5)

- 22 The process of the change in the state of a liquid or solid to a gas or vapour. (11)

- 23 A fissure in the earth's crust through which molten lava and gases erupt. (7)

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

- 26 A consistent change in the sea level that affect oceans, throughout the world. (7)



- 28 Its molecular formula is NH₃. (7)

- 29 Refers to something originating from humans and the impact of human activities on nature. (13)

- 31 Also called carbolic acid. (6)

- 32 The lowest atmospheric layer; from 4 to 11 miles high (depending on latitude). (11)

- 33 A visible mass of water or ice particles suspended at a considerable altitude. (5)

Down

- 1 The plane of the Earth's orbit around the sun (8)

- 2 Tending not to dissolve in or mix with or be wetted by water. (11)

- 3 A radioactive gaseous element formed by the disintegration of radium. (5)

- 4 A fluorocarbon with chlorine; formerly used

- as a refrigerant and as a propellant in aerosol cans. (18)

- 5 A colourless and odourless inert gas; comprises approximately 1% of the earth's atmosphere. (5)

- 6 Any of hydrocarbons containing fluorine and chlorine, used as refrigerants. (6)

- 8 An insecticide that is also toxic to animals and humans; banned in the United States since 1972. (3)

- 9 Warming that results when solar radiation is trapped by the atmosphere. (10,6)

- 10 Ground that is permanently frozen. (10)

- 15 The XXXXXs cover approximately 70% of the Earth's surface. (5)

- 16 Molecule consisting of three oxygen atoms bonded together. (5)

- 17 A fictional force

- associated with the earth's rotation. (8,5)

- 20 A collection of things to be handled together. (5)

- 21 The process of condensation of water on a small atmospheric particle. (10)

- 22 The release or giving out of a gas, light or heat. (8)

- 24 It constitutes about 21% of the air we breathe. (6)

- 27 Relating to or marked by a severe deficiency of oxygen in tissues or organs. (6)

- 30 Atmospheric moisture or dust or smoke that causes reduced visibility. (4)

- 31 The logarithm of the reciprocal of hydrogen-ion concentration in gram atoms per liter. (2)