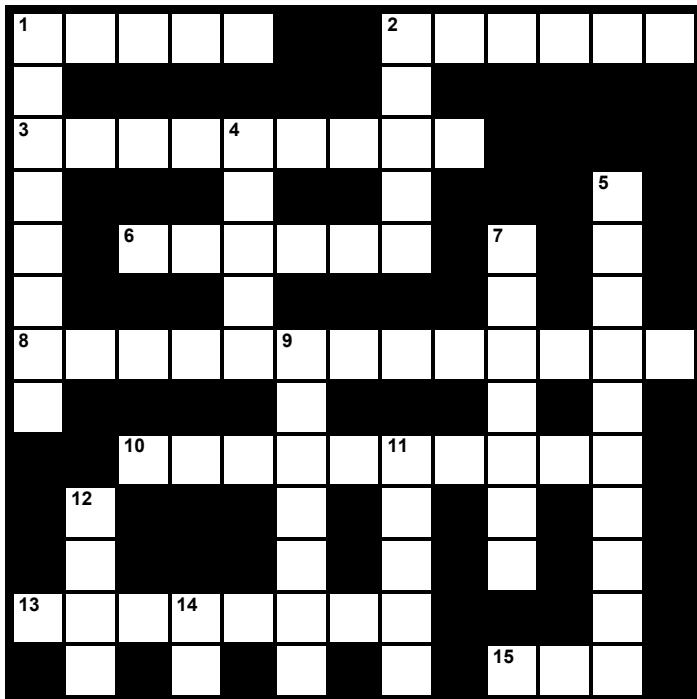


2003-05-22_Chemistry_Atmospheric_13x13
B.B. Huria



Across

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

2 The ratio of reflected to incident light. (6)

3 Branch of science dealing with study, constitution and classification of rocks. The microscopic study, description, and classification of rocks. (9)

6 A quantum of electromagnetic radiation. (6)

8 A hypothesis that large scale nuclear war might lead to worldwide darkening and cooling of the

atmosphere with consequent devastation of all life forms. (7,6)

10 Ground that is permanently frozen. (10)

13 The process in which one substance takes up or holds another (by either absorption or adsorption). (8)

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

disinfectant. (8)

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

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

5 Heat absorbed or radiated during a change of phase at a constant temperature and pressure. (6,4)

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

Down

1 A common nonmetallic element belonging to the halogens; used to purify water and as a bleaching agent and

11 All the animal life in a particular region. (5)

12 This is a term used to describe a mixture of smoke and fog. (4)

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

9 Its molecular formula is NH₃. (7)