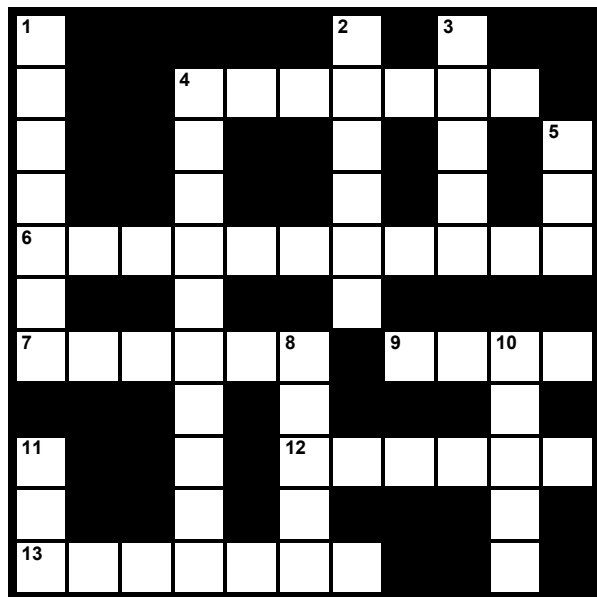


# 2003-05-22\_Chemistry\_Atmospheric\_11x11

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## Across

**4** Either of two times of the year when the sun crosses the plane of the earth's equator and when day and night are of equal length. (7)

**6** Shining or glowing by night, clouds. (11)

**7** The ratio of reflected to incident light. (6)

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

**12** It constitutes

about 21% of the air we breathe. (6)

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

## Down

**1** Its molecular formula is  $\text{NH}_3$ . (7)

**2** A dark gray cloud bearing rain. (6)

**3** 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)

**4** A chemical reaction associated with release of energy or heat into the surroundings. (10)

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

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

**10** The XXXXXs cover approximately

70% of the Earth's surface. (5)

**11** Droplets of water vapour suspended in the air near the ground. (3)