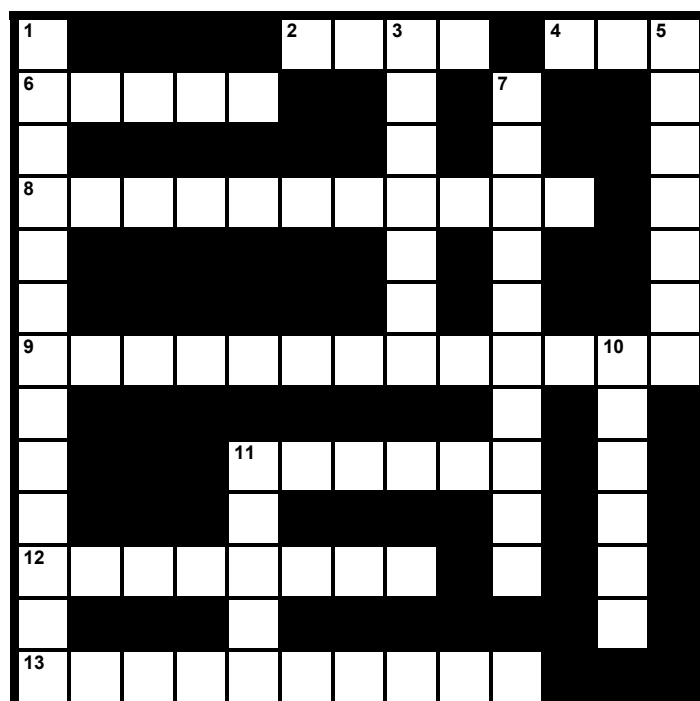


# Ozone \_13x13\_2003-10-18



## Across

- 2** Total Ozone Mapping Spectrometer. Launched on the NASA Nimbus-7 satellite. Monitored Earth between October 31, 1978, and May 6, 1993. (4)
- 4** deoxyribonucleic acid - Self replicating nucleic acid that contains genetic code within the cell. The primary structure consists of two long nucleotide chains that are joined by hydrogen bonds and twisted together to form a double helix. (3)
- 6** The point below the observer that is directly opposite the zenith on the

imaginary sphere against which celestial bodies appear to be projected. (5)

- 8** Aqueous envelope of Earth, including oceans, lakes, soil moisture, ground water, and atmospheric water vapor. (11)
- 9** Of or relating to the effect of radiant energy on a chemical system. (13)
- 11** A nonmetallic bivalent element that is normally a colorless odorless tasteless nonflammable diatomic gas; constitutes 21 percent of the atmosphere by volume; the most abundant element in the earth's crust.

(6)

- 12** A colourless, odourless, nonmetallic element that occurs as a diatomic gas and constitutes nearly 80% of the atmosphere by volume. (8)
- 13** The transfer of heat through a fluid (liquid or gas) caused by molecular motion. (10)

## Down

- 1** Of or relating to the study of the origins and development of human beings. (13)

- 3** Simple combustible hydrocarbon. The major component of natural gas. (7)
- 5** A cloud of solid or liquid particles in a gas. (7)
- 7** Radiant flux per unit area of a surface. (10)
- 10** The ratio of reflected to incident light. (6)
- 11** Gaseous compound of three oxygen atoms that is generated by a photo-electro process and has a distinct electrical or disinfectant odor. Forms a thin layer in the atmosphere that absorbs harmful solar ultraviolet radiation. (5)