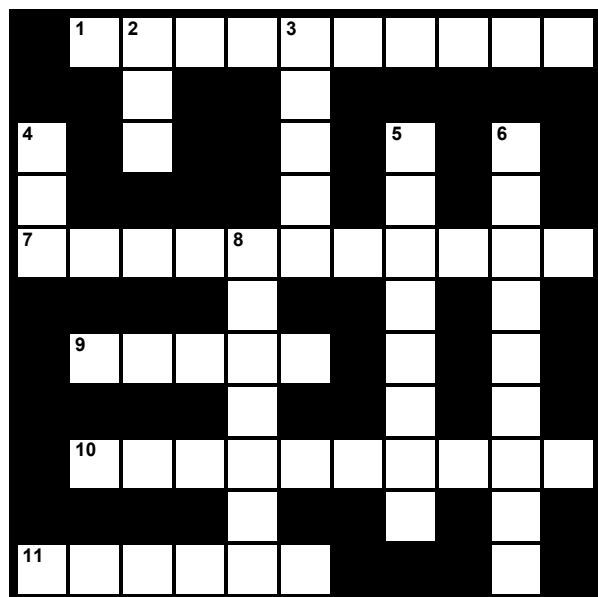


# 2003-08-01\_Atmosphere\_11x11

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## Across

**1** The atmospheric layer between the stratosphere and the thermosphere. (10)

**7** The act of checking or adjusting (by comparison with a standard) the accuracy of a measuring instrument. (11)

**9** A compound in which the hydrogen atoms of a hydrocarbon have been replaced by bromine and other halogen atoms. (5)

**10** Meter to detect and measure radiant energy (electromagnetic or acoustic). (10)

**11** A nonmetallic bivalent element that constitutes about 21 percent of the atmosphere by volume. (6)

## Down

**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** Relating to or derived from the sun or utilizing the energies of the sun. (5)

**4** A fluorocarbon with chlorine; formerly used as a refrigerant and as a propellant in aerosol cans. (3)

**5** A common nonmetallic element that constitutes 78 percent of the atmosphere by volume; a constituent of all living tissues. (8)

**6** The regions of the surface and atmosphere of

the Earth (or other planet) where living organisms exist. (9)

**8** A nonmetallic largely pentavalent heavy volatile corrosive dark brown liquid element belonging to the halogens; found in sea water. (7)