Atmosphere Composition and Structure

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Definitions of Atmosphere

1. A.E.M. Geddes – The envelope of colourless, testless and odourless gas which surrounded the earth has been called the atmosphere

2. Finch and Trewartha – Surrounding the earth and yet an integral part of the planet is a gaseous enveloope called the atmosphere which extends to a several hundred miles

3. Koppen and De Long – Atmosphere is mixture of different gaseous among the land and water area on the earth

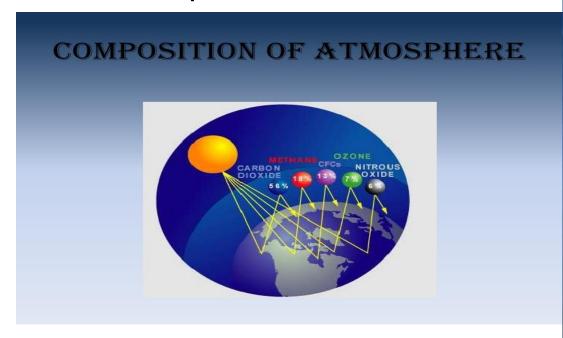
Origin of Atmosphere

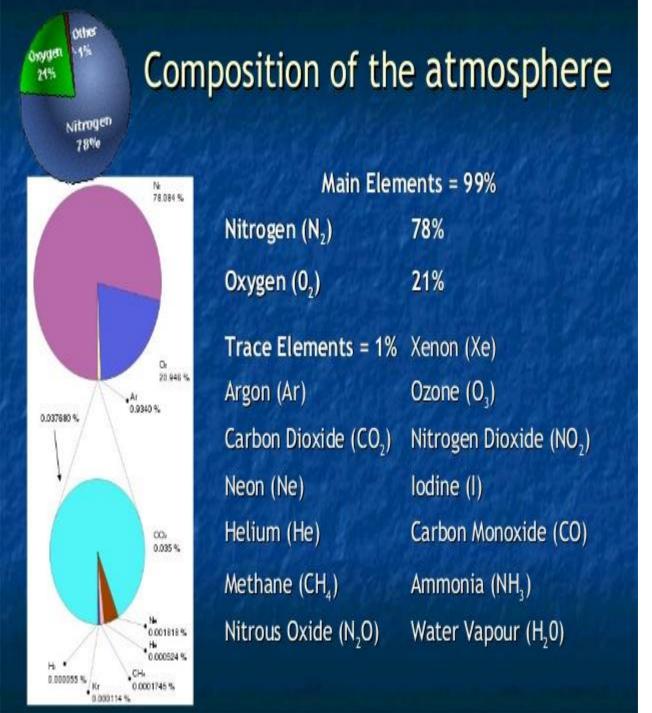
Composition of the Atmosphere

• 1. Gases

• 2. Dust Particles

Water Vapour





• Structure of the Atmosphere of Layers of the Atmosphere

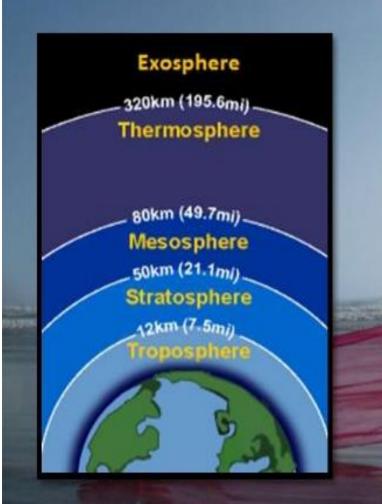
• 1. Troposphere – Tropopause

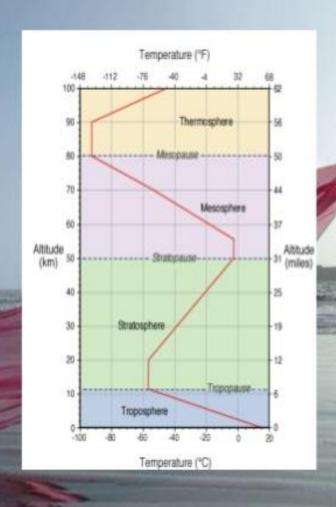
2. Stratosphere – Ozonosphere

• 3-Inosphere / Thermosphere – D layer, E layer, F layer

4. Exosphere or Magnetosphere

Structure of the Atmosphere





Thanks