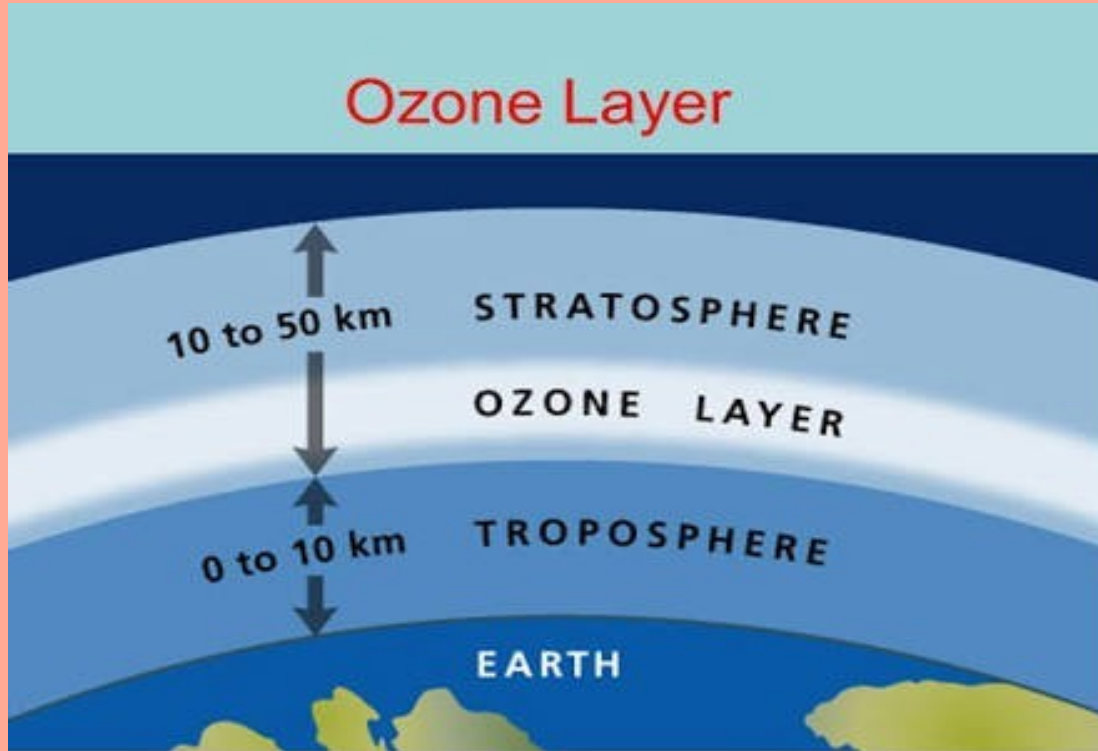


OZONE FOR LIFE

- World Ozone Day : September 16

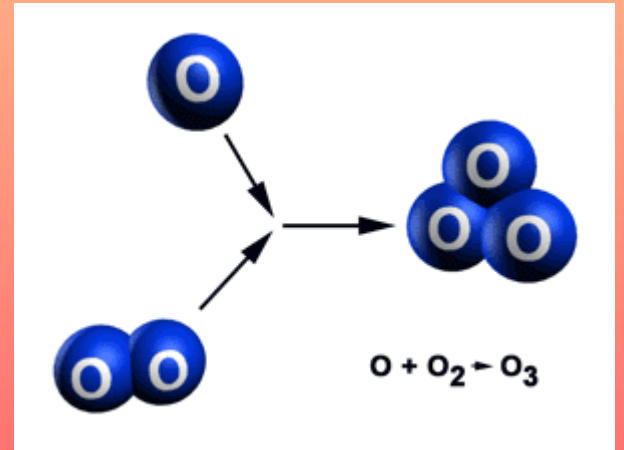


Position Of Ozone Layer



Ozone Formation

Ozone layer is formed by combining 2 oxygen molecules with 1 oxygen molecule, thus forming O_3 .



Ozone And Earth

Ozone is a gas in the atmosphere that protects everything living on the Earth from harmful ultraviolet (UV) rays from the Sun. Without the layer of ozone in the atmosphere, it would be very difficult for anything to survive on the surface. Plants cannot live and grow in heavy ultraviolet radiation nor can the plankton that serve as food for most of the ocean life. The ozone layer acts as a shield to absorb UV rays, and keep the from doing damage at the Earth's surface.

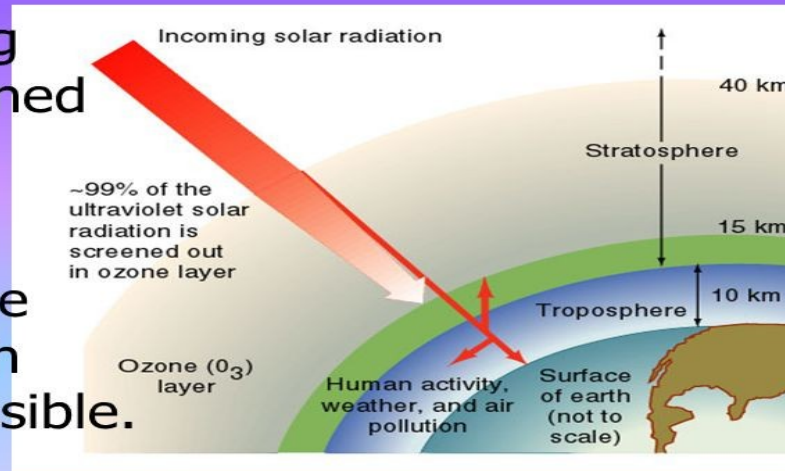
Importance Of Ozone

The Importance of Ozone

Ozone acts as a screen for UV radiation in the Stratosphere.

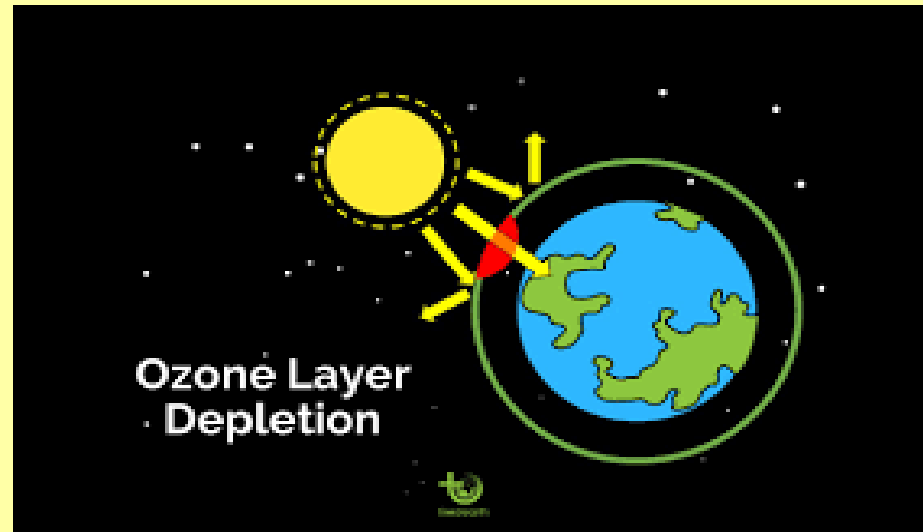
99% of incoming Solar UV is screened by the ozone layer.

Without the ozone layer, life on Earth would not be possible.



Ozone Layer Depletion

Decrease in concentration of ozone and thinning of ozone layer is called ozone depletion.



Impacts Of Ozone Layer Depletion

IMPACTS OF OZONE DEPLETION

1) HARM TO HUMAN HEALTH:

- (a) More skin cancers, sunburns and premature aging of the skin.
- (b) More cataracts, blindness and other eye diseases.

2) ADVERSE IMPACTS ON AGRICULTURE:

- (a) Plant growth, especially in seedlings, is harmed by more intense UV radiation.
- (b) Major crop species are particularly vulnerable to increased UV, resulting in reduced growth, photosynthesis and flowering.

Prevention Of Ozone Layer Depletion

MEASURES TO PREVENT THE OZONE DEPLETION

- 1) Limit private vehicle driving**
- 2) Use eco-friendly household cleaning products**
- 3) Avoid using pesticides**
- 4) Developing stringent regulations for rocket launches**
- 5) Banning the use of dangerous nitrous oxide**

Earth without
OZONE

*is like a house
without a roof*

save Ozone Layer

**This year we celebrate 35 years of
Ozone layer protection**

SAVE OZONE

SAVE EARTH...

THANK YOU