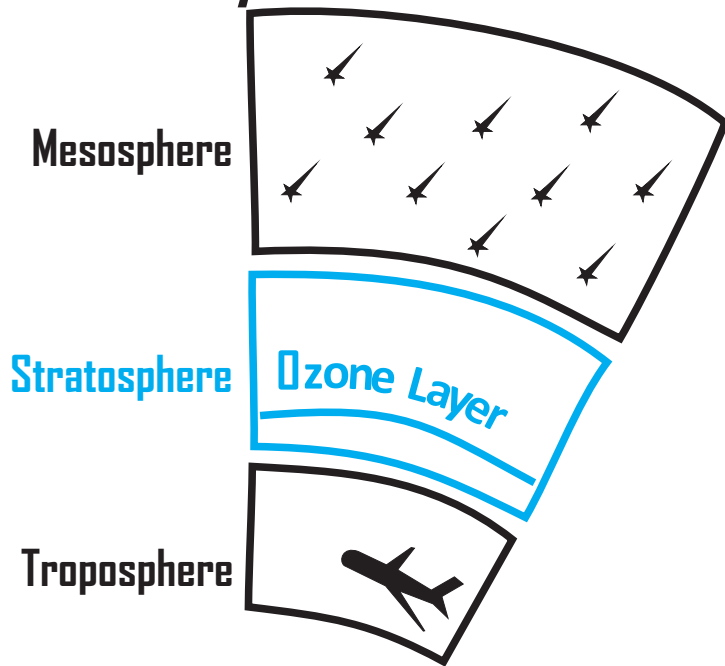
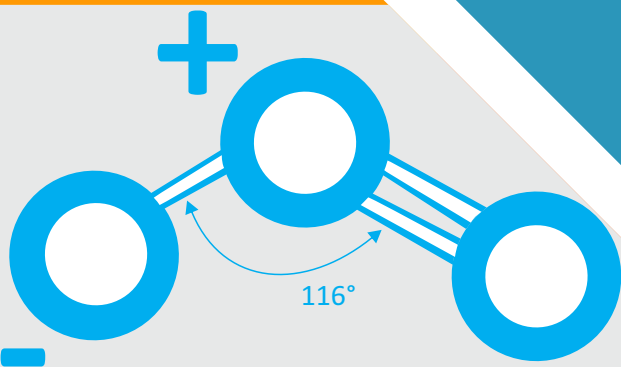


Ozone Layer

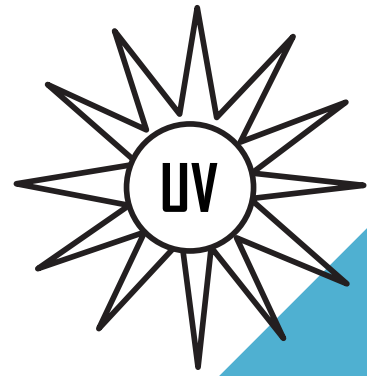


A layer of high ozone concentration is located in the lower portion of the stratosphere, from approximately 20 to 30 km above the earth.

The ozone layer can be described as the earth's protective layer which shields us from sun's harmful ultraviolet (UV) rays.



Ozone:
a tri-atomic gas composing of 3 oxygen atoms



CATEGORIES OF UV RAYS

Sun's UV rays

Sun's UV rays are categorized into 3, based upon its wavelength.

UV-A:

The least hazardous form of UV radiation. 5% of UV A is absorbed by the Ozone layer.

UV-B:

Harmful rays which causes sunburns, increases DNA and cellular damage. 95% of UV-B rays are absorbed by the Ozone Layer.

UV-C:

The most harmful form of UV radiation, but no measurable amount of UV-C rays reaches the Earth as the ozone layer completely absorbs it.

