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How different segments in atmosphere are maintaining Earth's radiation balance?

### Earth's atmosphere and Radiation balance:

Earth's atmosphere is an envelope of naturally existing gases surrounding its surface. It is divided into different segments, with each contributing to Earth's radiation balance.

### Troposphere:

Troposphere is the most significant layer as it absorbs or re-emits radiation to keep the temperature and climate of Earth suitable for living.

a. Shortwaves coming from the Sun are either absorbed or reflected by this segment.

Clouds in this segment reflects the radiation, causing albedo effect.

b. The remaining energy is either absorbed by Earth's atmosphere or surface.

Highlight important points  
Make subheadings

The form of mixed rays, which are then absorbed by greenhouse

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gases to keep the Earth warmer.  
o The amount of energy absorbed  
is equal to amount of energy  
reflected/released to keep the  
climate suitable for living.

### Stratosphere, Mesosphere and Thermosphere:

These layers contribute to Earth's  
radiation balance

a. Stratosphere protects the earth's  
surface from harmful UV rays.

b. Mesosphere prevents the surface from  
being hit by meteors which  
may affect surface's temperature  
over geological scale of time

c. Thermosphere prevents the  
extreme UV rays from reaching  
Earth's surface.

Add diagram

### Processes involved in radiation balance

And is this complete?  
I didn't get the  
arrangement

