

troposphere

high white clouds
reflection

Rayleigh Scattering
Blue Sky

Thin gasses
- selective absorption
- of certain wavelengths
- absorb and emit at the same wavelength
(Kirchoff's Law)

absorbed
 H_2O (clouds)
 CO_2

Longer wave
 $\sim 10 \mu m$

Latent Heat release

H_2O condenses as it cools

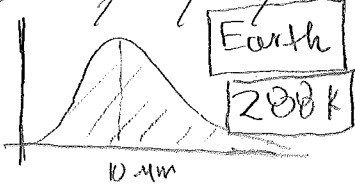
convection

rises due to lesser density

warmed by conduction

reflection

absorbed
all Black Body
all wavelengths



solid earth
Min. 288K