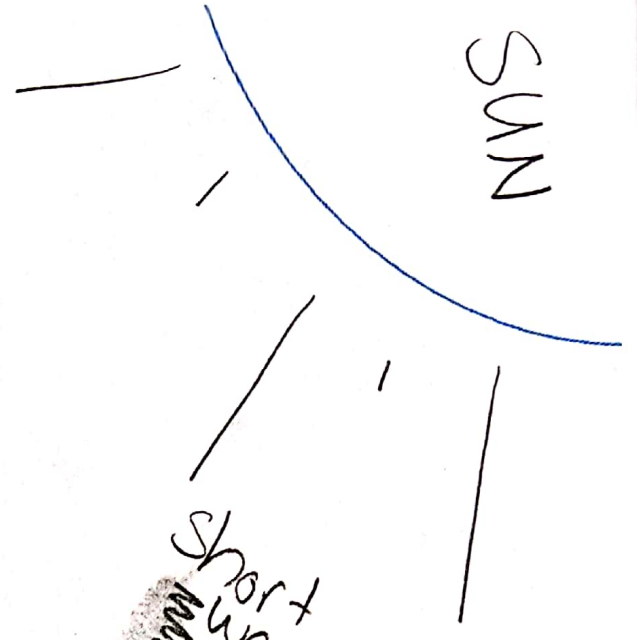
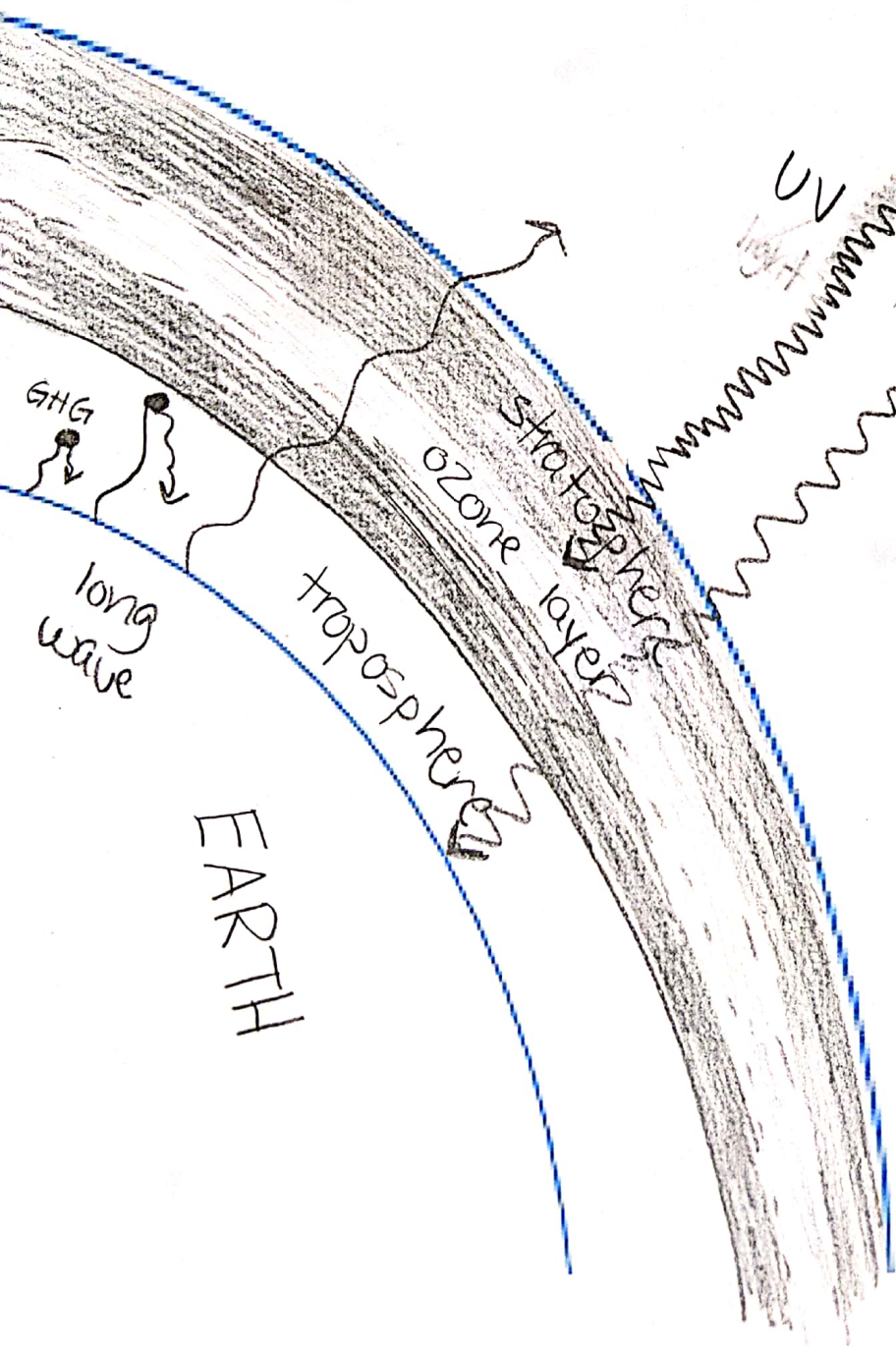


SUN



- Greenhouse Gases
- CO<sub>2</sub> carbon dioxide
  - H<sub>2</sub>O water vapor
  - CH<sub>4</sub> methane
  - N<sub>2</sub>O nitrogen oxide
  - O<sub>3</sub> ozone (stratospheric)
  - CFCs chlorofluorocarbons



Short wave  
IR  
Visible

- Solar radiation @ surface
- UV 7%
  - visible 44%
  - infrared 48%