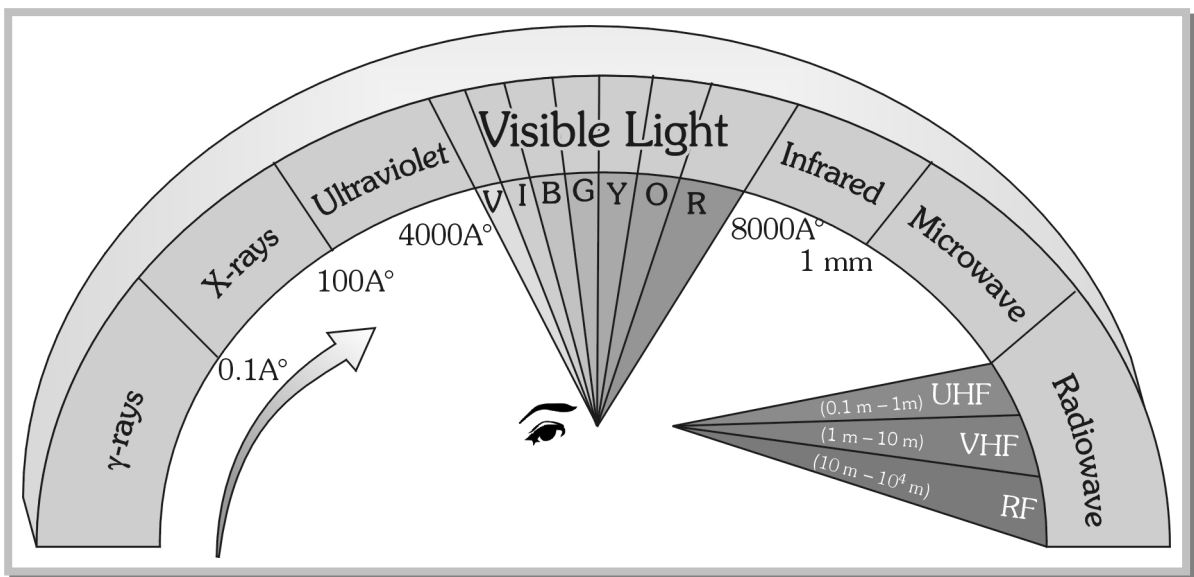


EM Spectrum.

The whole orderly range of frequencies/wavelengths of the EM waves is known as the EM spectrum.



4. Earth's atmosphere

Uses of EM spectrum

Radiation	Uses
γ -rays	Gives information on nuclear structure, medical treatment etc.
X-rays	Medical diagnosis and treatment study of crystal structure, industrial radiograph.
UV- rays	Preserve food, sterilizing the surgical instruments, detecting the invisible writings, finger prints etc.
Visible light	To see objects
Infrared rays	To treat, muscular strain for taking photography during the fog, haze etc.
Micro wave and radio wave	In radar and telecommunication.