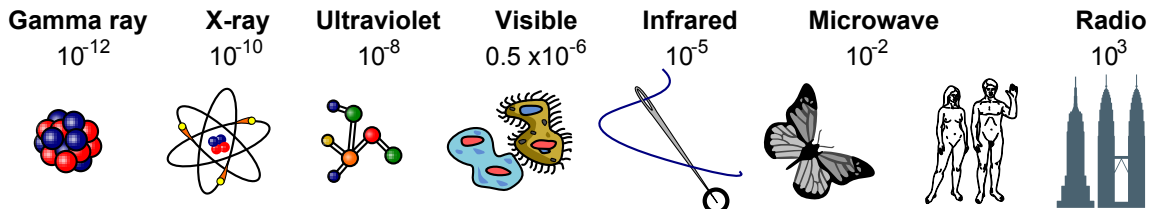
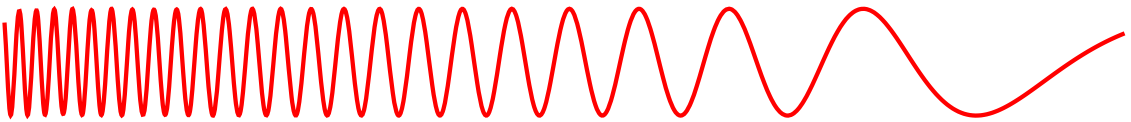




可否穿过大气层



辐射类型
波长(米)

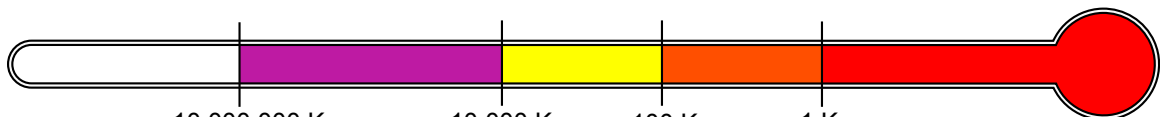
近似波长尺度

Atomic Nuclei Atoms Molecules Protozoans Needle Point Butterflies Humans Buildings



颜色

10^{20} 10^{18} 10^{16} 10^{15} 10^{12} 10^8 10^4 频率/ Hz

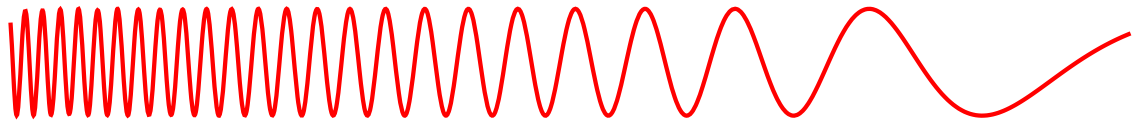


辐射温度

$10,000,000 \text{ K}$
 $\sim 10,000,000^\circ \text{C}$ $10,000 \text{ K}$
 $9,726^\circ \text{C}$ 100 K
 -173°C 1 K
 -272°C



可否穿过大气层



Gamma ray

10^{-12}

X-ray

10^{-10}

Ultraviolet

10^{-8}

Visible

0.5×10^{-6}

Infrared

10^{-5}

Microwave

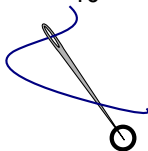
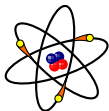
10^{-2}

Radio

10^3

辐射类型

波长(米)



近似波长尺度

Atomic Nuclei

Atoms

Molecules

Protozoans

Needle Point

Butterflies

Humans

Buildings



颜色

10^{20}

10^{18}

10^{16}

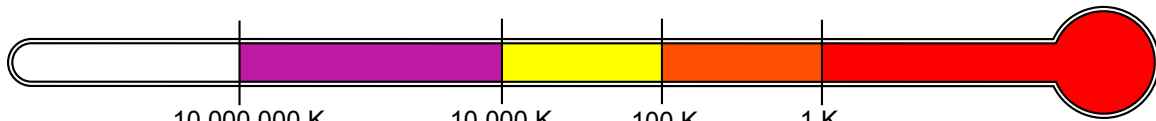
10^{15}

10^{12}

10^{10}

10^4

频率/ Hz



辐射温度

10,000,000 K
~10,000,000°C

10,000 K
9,726°C

100 K
-173°C

1 K
-272°C