Planck length 10-35 m

Proton radius 10-15 m

Gamma rays 10-14 m

X-rays 10-11 m

Hydrogen atom 0.25\*10-10 m

Big atom 2\*10-10 m

Water molecule 3\*10-10 m

Ultraviolet 10-8 m

Visible light 10-7 m

Infrared 10-5 m

A Baby Ant 10-2m

Radio 1 m

Mrs. Brown 2m

Radius of earth 106 m

Radius of sun 109 m

Distance from earth to sun = 1 A.U. 1011 m

Radius of solar system 1013 m

Light-year 1016 m