Distance from Earth Center (kilometers)
1000000
100000
10000
1000
WMAP
SOHO
Moon
Chandra
Outer Van Allen belt
Geostationary satellites
GPS satellites
Artificial satellites
Inner Van Allen belt
Vanguard 1
Ionosphere
ISS
HST
Earth surface (& crust)
Upper mantle
Lower mantle
Liquid outer core
Solid inner core
24h
18h
12h
6h
100
10
1
Distance from Earth center (R_Earth)