

Time

Local (Valid for Earth only)

Universal (Valid for all planets and moons)

Hour 00:00-11:59 a.m. and 12:00-11:59 p.m.

Valid ranges as for local time

Day 01-31, valid for specific month

Month 01-12

Julian date

Year 04713-00001 BC and 00001-11000 AD

00,000,000.0000 - 5,739,092.4993

Location

For Sun, planets and moons

For heliocentric

Longitude 000° 00' 00" - 180° 00' 00" E or W

Longitude 000° 00' 00" - 359° 59' 59"

Latitude 00° 00' 00" - 90° 00' 00" N or S

Latitude -90° 00' 00" - +90° 00' 00"

Height 000000 m - 999999 m

Height .00001 au - 100.00 au

Time Zone (Valid for Earth only)

-13.00 - +13.00

Center On

From any location  
planets and moons

From surface of Sun,

RA 00h 00m 00s - 23h 59m 59s  
59"

Azm 000° 00' 00" - 359° 59'

Dec -90° 00' 00" - +90° 00' 00"

Alt -90° 00' 00" - +90° 00' 00"

Zoom .200 - 9999