

Constant  
Latitude



Constant  
Longitude



**Prime Meridian**



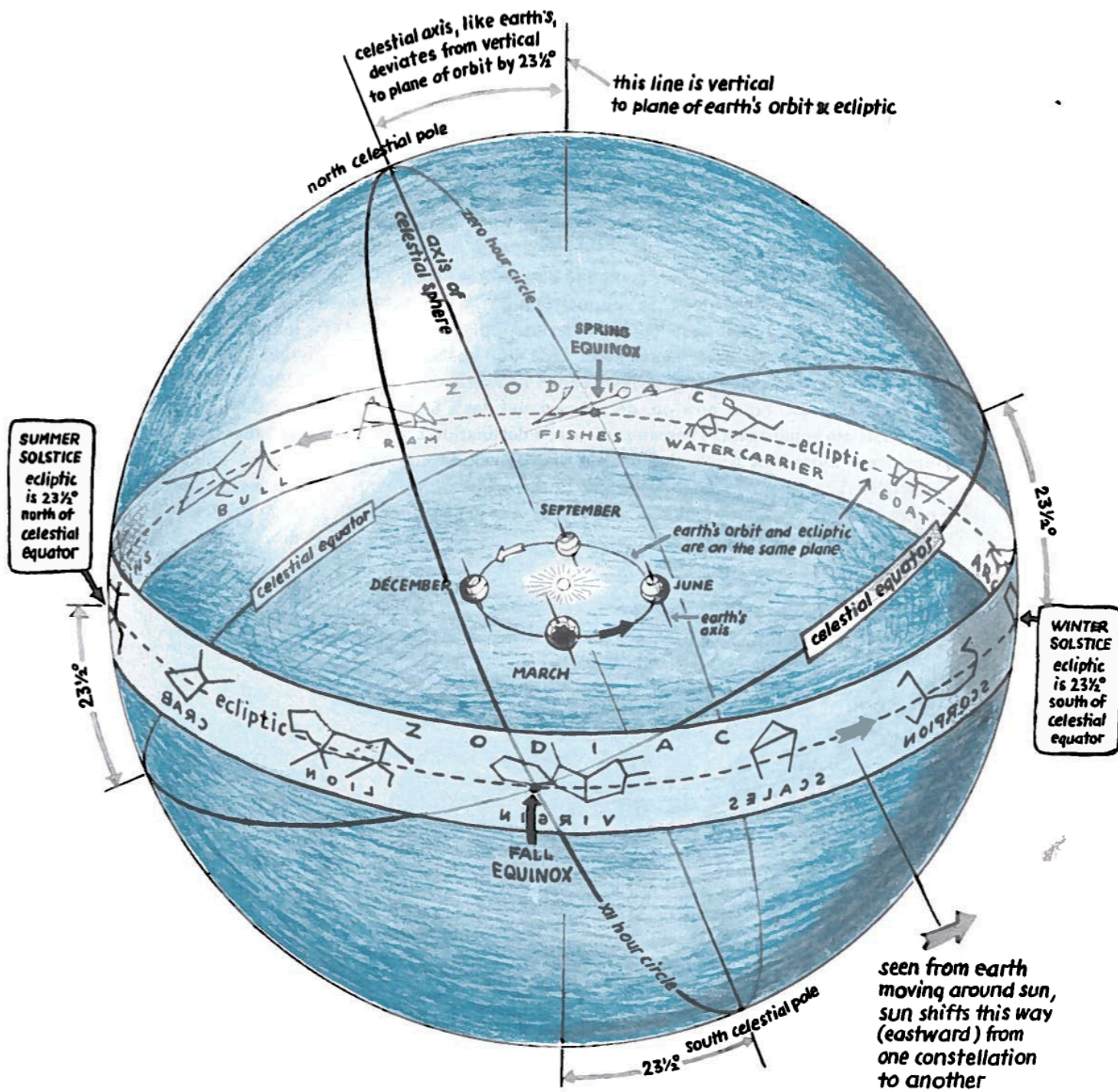
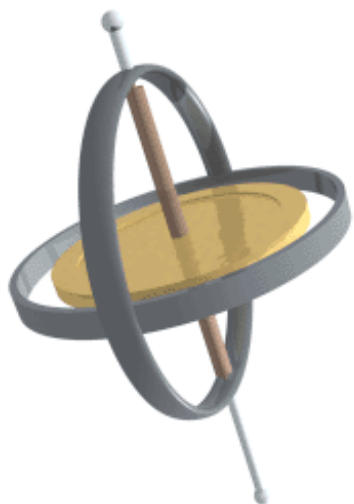


Figure 19: Earth's Orbit inside Celestial Sphere



26,000 year precession of Earth's axis

This means you MUST specify the **EPOCH** of RA,DEC ( $\alpha,\delta$ ) coordinates. For instance: **J2000.0**  
The J means Julian epoch based on years of exactly 365.25 days.

