Motion of the ‘fixed’ stars

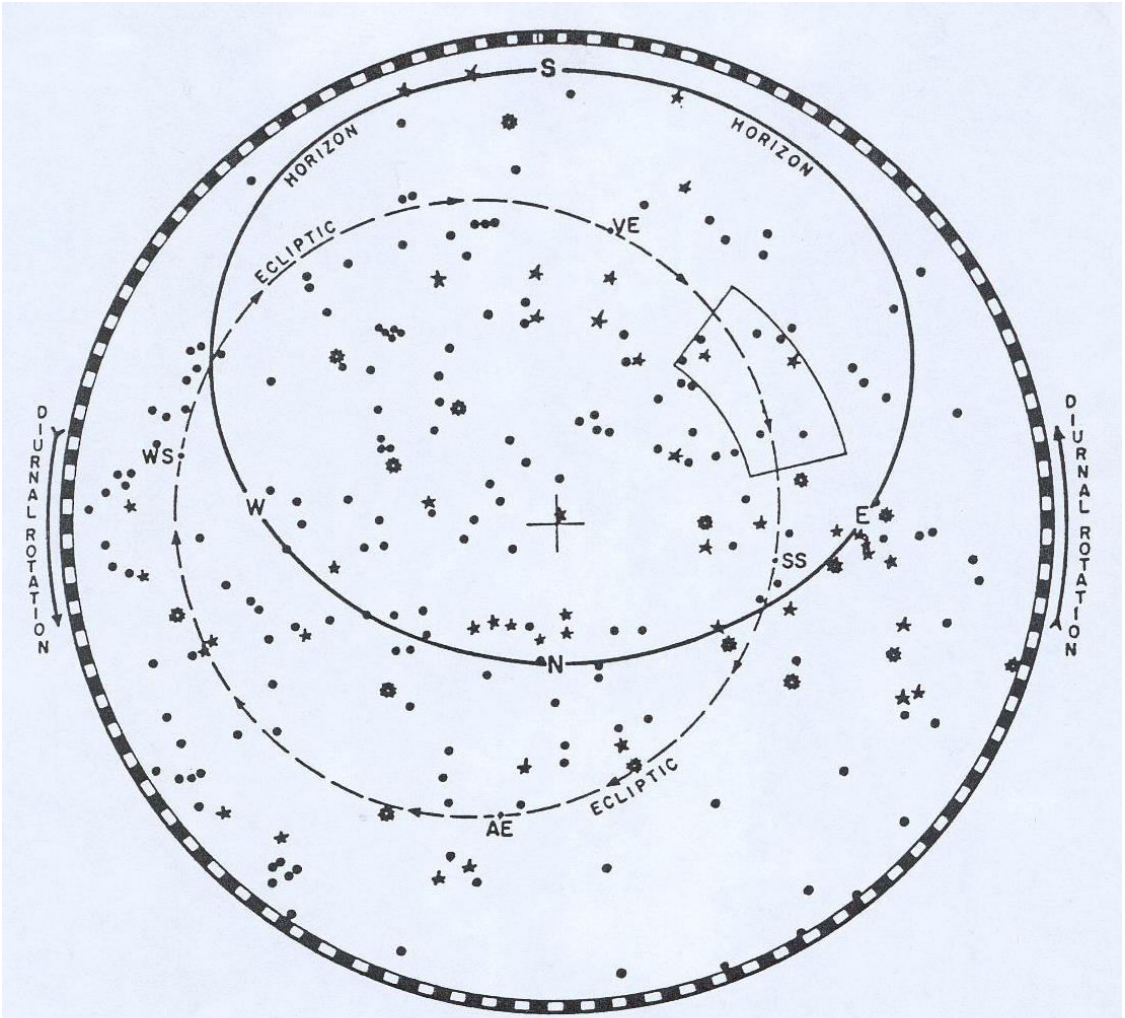

Figure 8.

The relevant PHENOMENA

- **SUN'S MOTION RELATIVE TO THE STARS**
- Figure 8
- How to locate sun relative to stars – figure 9
- On any particular day …

Sun's motion relative to stars

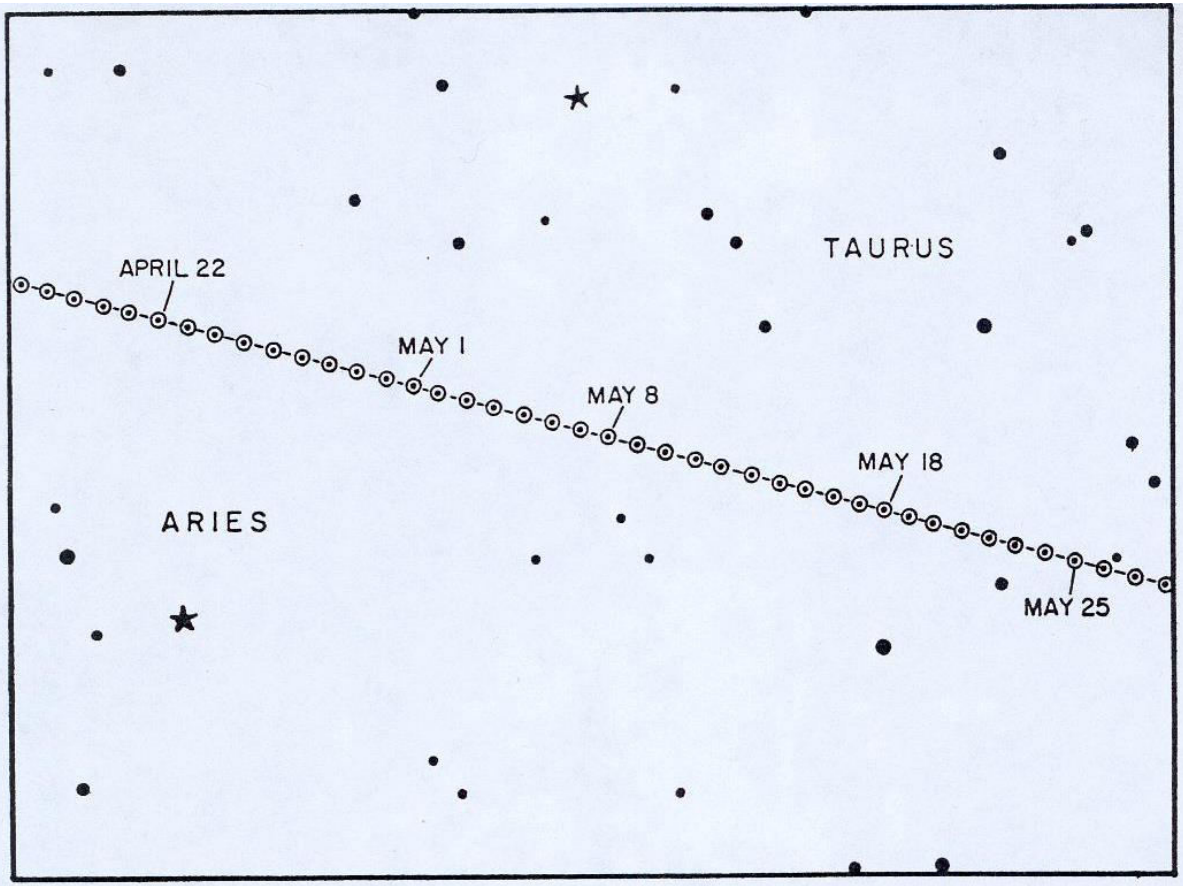

Figure 9. Motion of the sun through the constellations Aries and Taurus. The circles represent the sun's position among the stars at sunset on successive evenings from the middle of April to late May.

The relevant PHENOMENA

- **SUN'S MOTION RELATIVE TO THE STARS**
- Figure 8
- How to locate sun relative to stars – figure 9
- On any particular day …
- From day to day

The relevant PHENOMENA

- **SUN'S MOTION RELATIVE TO THE STARS**
- Motion can be analysed as
- Diurnal (westward) motion *with* stars
- + simultaneous slow (eastward) motion *through* the stars (around the **ECLIPTIC**)

The relevant PHENOMENA

- **SUN'S MOTION RELATIVE TO THE STARS**
- Notice how this ties in with variation over year
- SS, AE, VE, WS
- Next – and most significant – phenomena concern motion of **PLANETS** – but postpone …