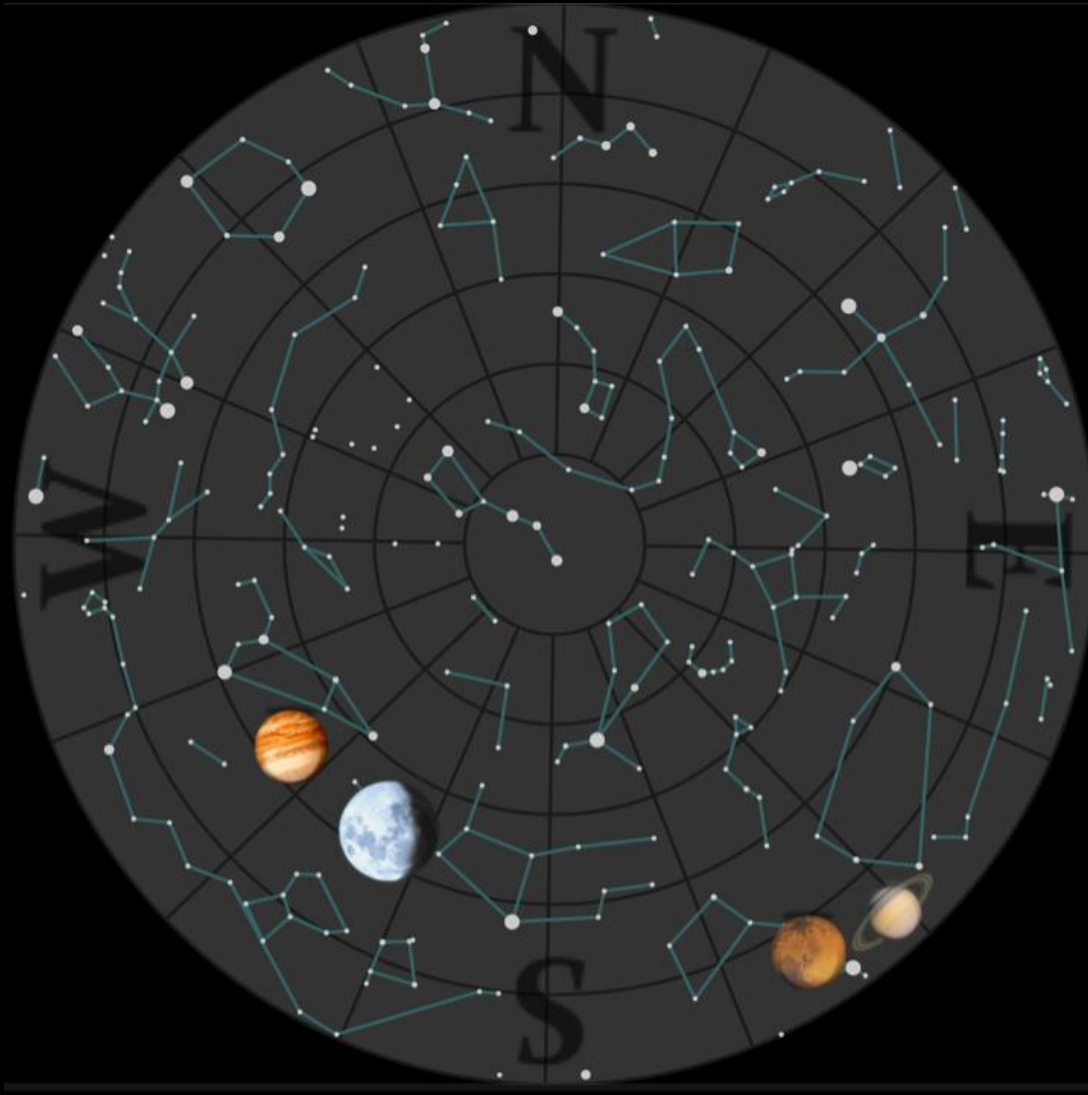


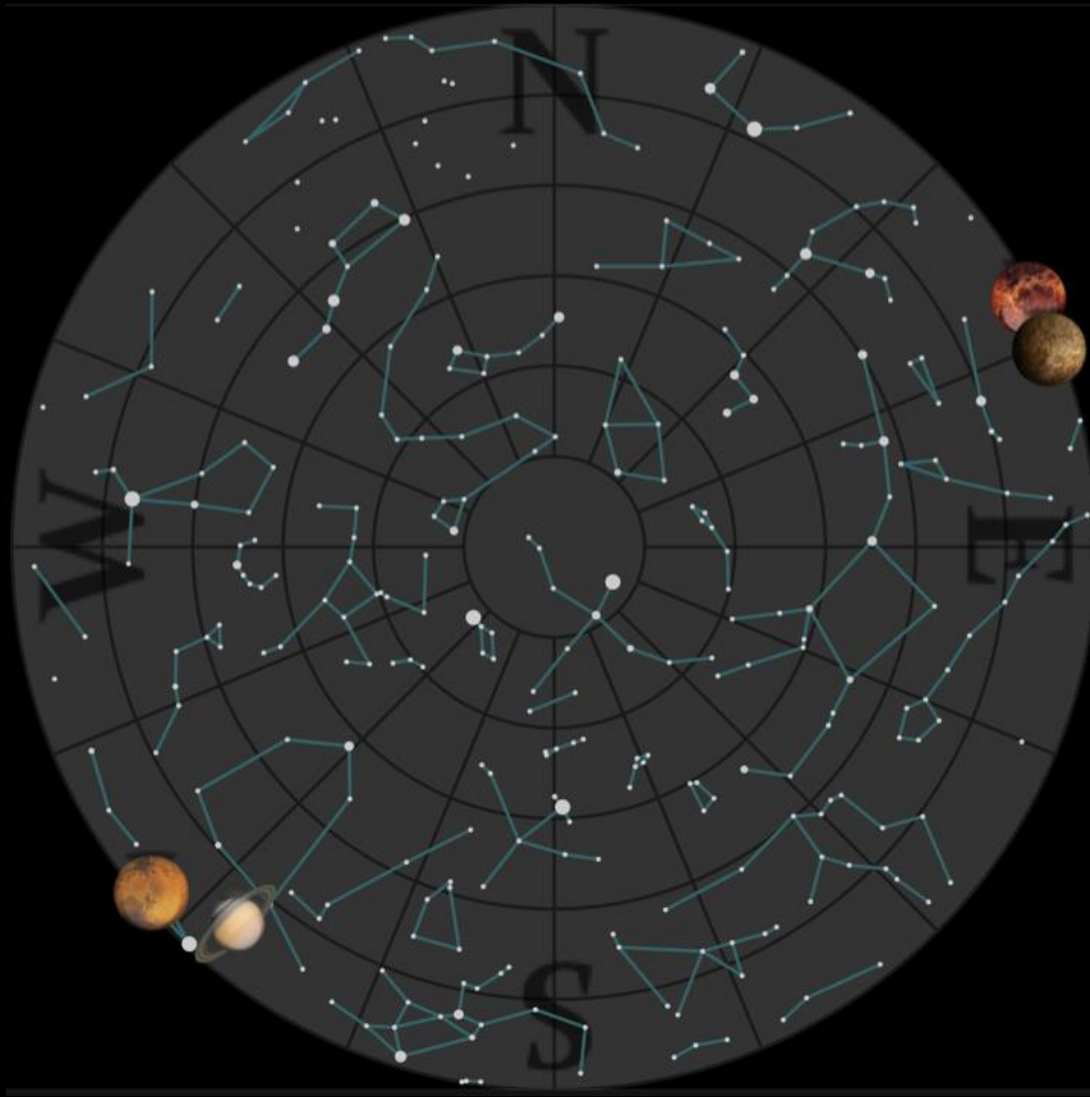
# What's Up?

2016 May 16 to June 13

Bill Barton, FRAS



- The Sky 22:00 Tonight



- The Sky 04:00  
Tomorrow Morning

# Inner Solar System

- Sun
- Mercury
  - Greatest Elongation West on June 05,  $24^\circ$
  - In the morning sky throughout this period
  - Brightening as time goes on from +3.5 to zero
- Venus
  - In morning sky closing in in the Sun for the rest of May
  - Superior Conjunction on June 06 (far side of Sun)
  - Then in evening sky

# Earth

- Moon
  - Full May 21
  - Last Quarter May 29
  - New June 05
  - First Quarter June 08
- Meteors
  - Only minor activity this period

# Outer Solar System

- Mars
  - Rising around midnight UT, Opposition on May 22, in Scorpius moving to Libra
- Jupiter
  - Was at Opposition on March 08, in the sky early in the night, in Leo
- Saturn
  - Rising around midnight UT, Opposition on June 03, in Ophiuchus