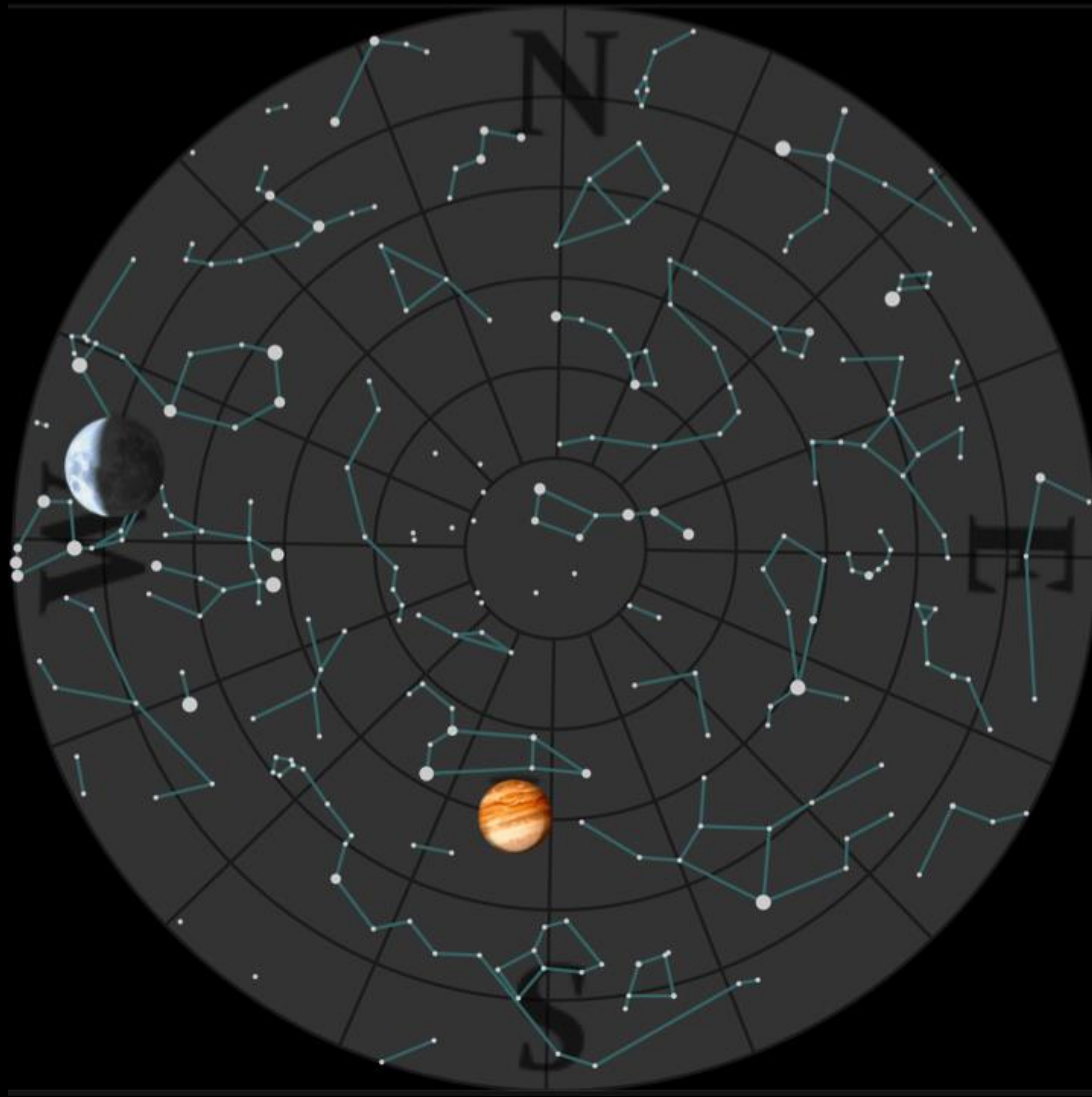


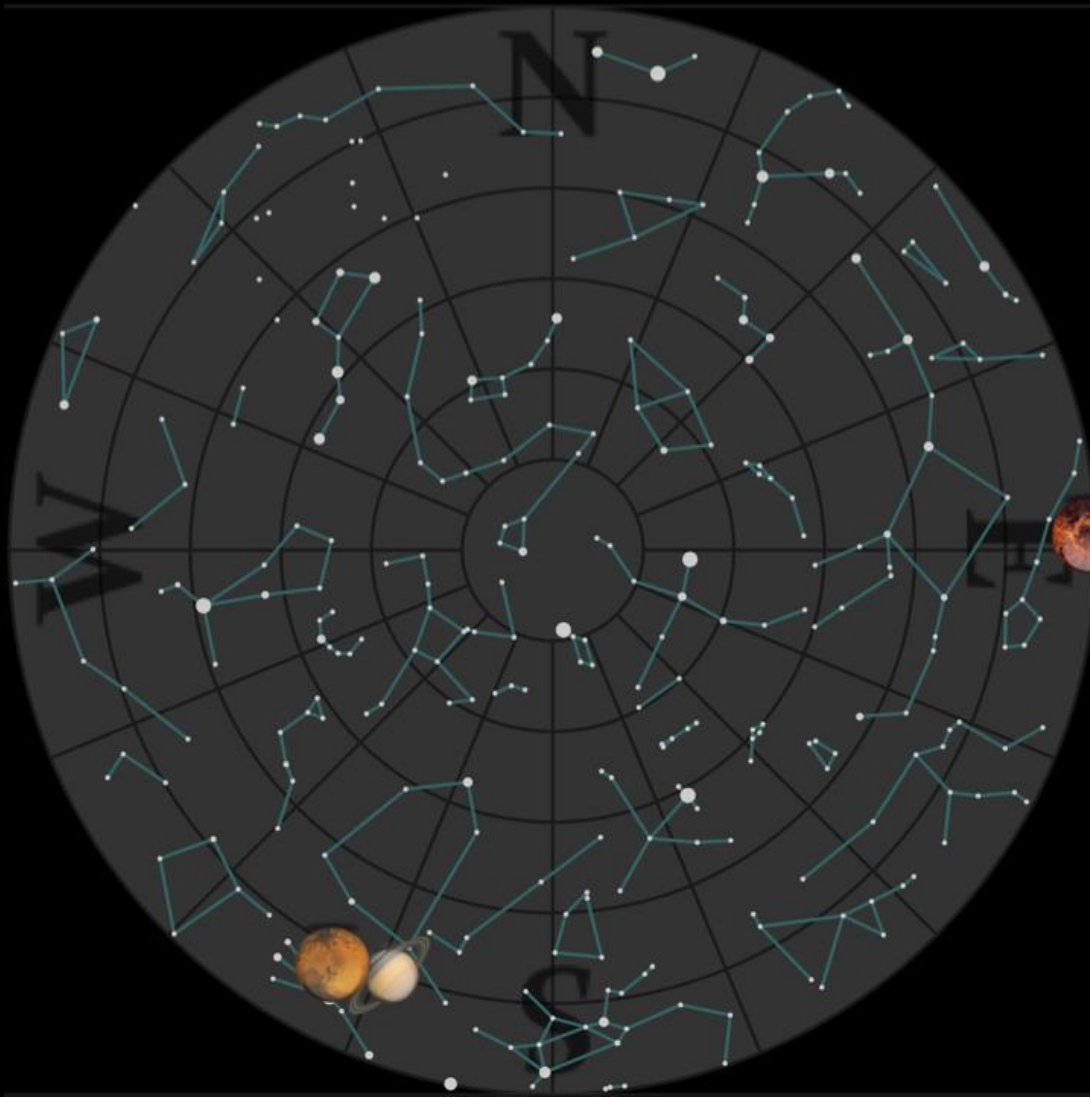
# What's Up?

2016 April 11 to May 16

Bill Barton, FRAS

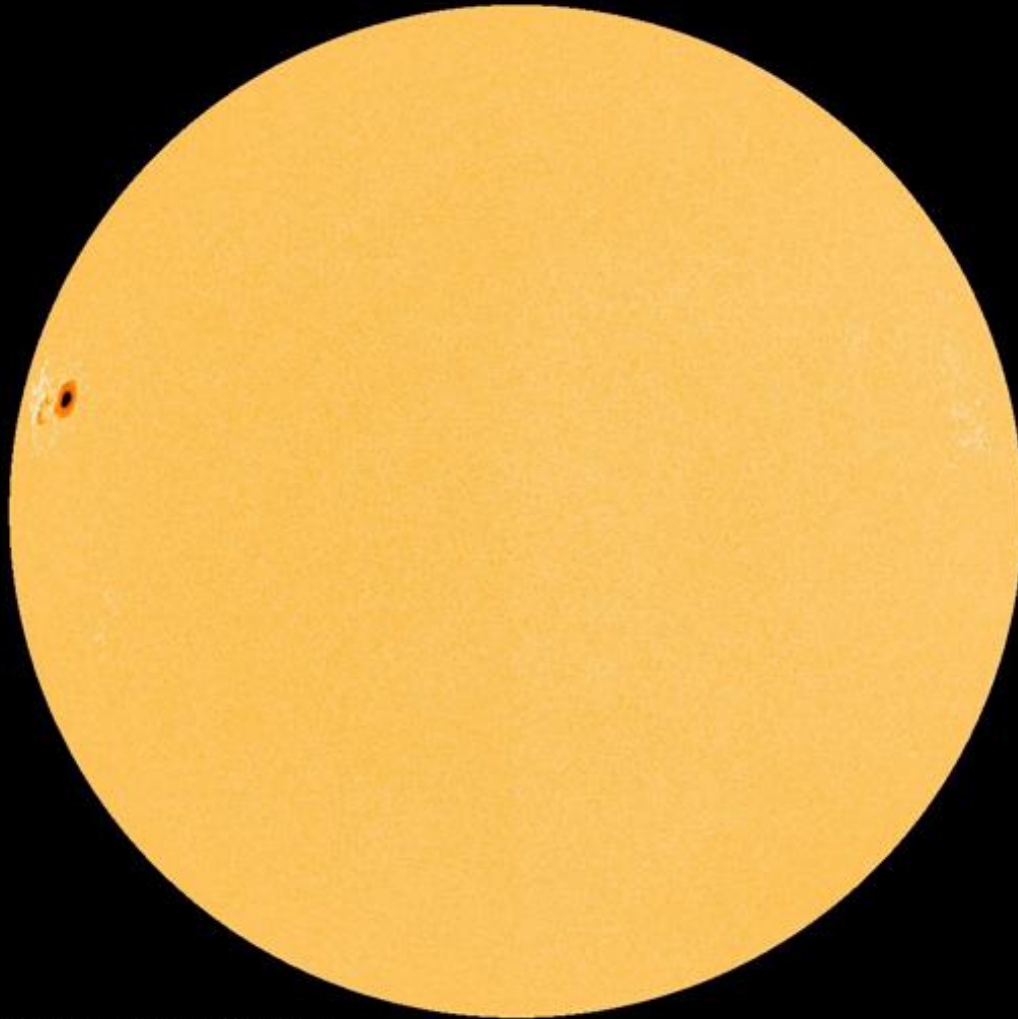


- The Sky 22:00 Tonight



- The Sky 05:00  
Tomorrow Morning

- The Sun  
09/04/2016



# Inner Solar System

- Sun
  - Transit of Mercury May 9
  - Previous transits in May 2003 & November 2006
  - Next transits in November 2019 & November 2032
- Mercury
  - Superior Conjunction was on March 23
  - Greatest Elongation East on April 18, 20°
  - In the evening sky at the beginning of the period
- Venus
  - Rising about an hour before sunrise in the morning

# Earth

- Moon
  - First Quarter 14
  - Full 22
  - Last Quarter 30
  - New May 06
  - Graze of mag 7, HIP 93077 at around 01:59UT on April 28. Occultation at dark limb. Southern limit.
- Meteors
  - Only minor activity this period
- Aurora
  - Possible display tomorrow evening

# Outer Solar System

- Mars
  - Rising around mid-night, Opposition on May 22
- Jupiter
  - Was at Opposition on March 08, in the sky early in the night
- Saturn
  - Rising around 01:00UT, Opposition on June 03