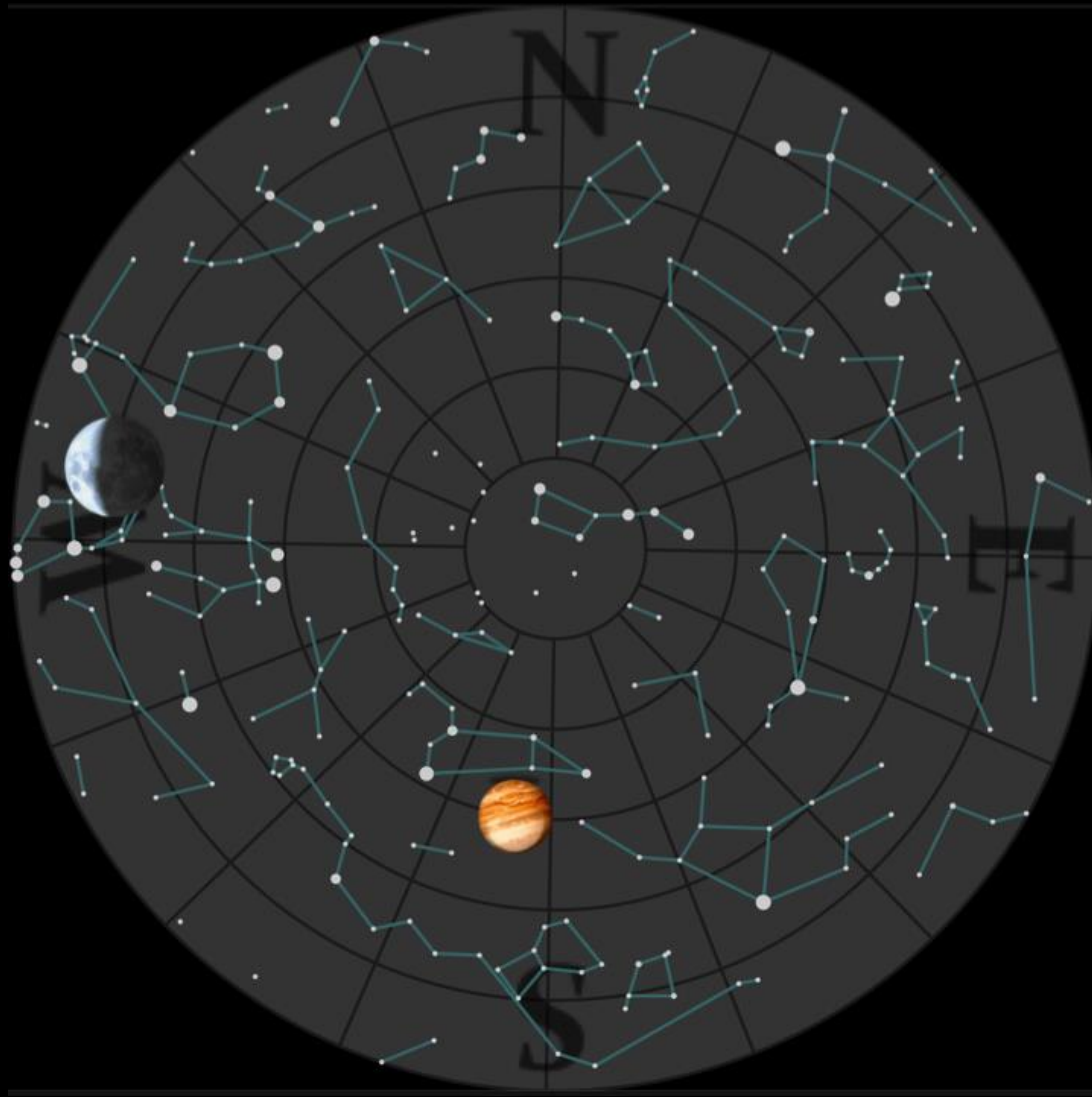


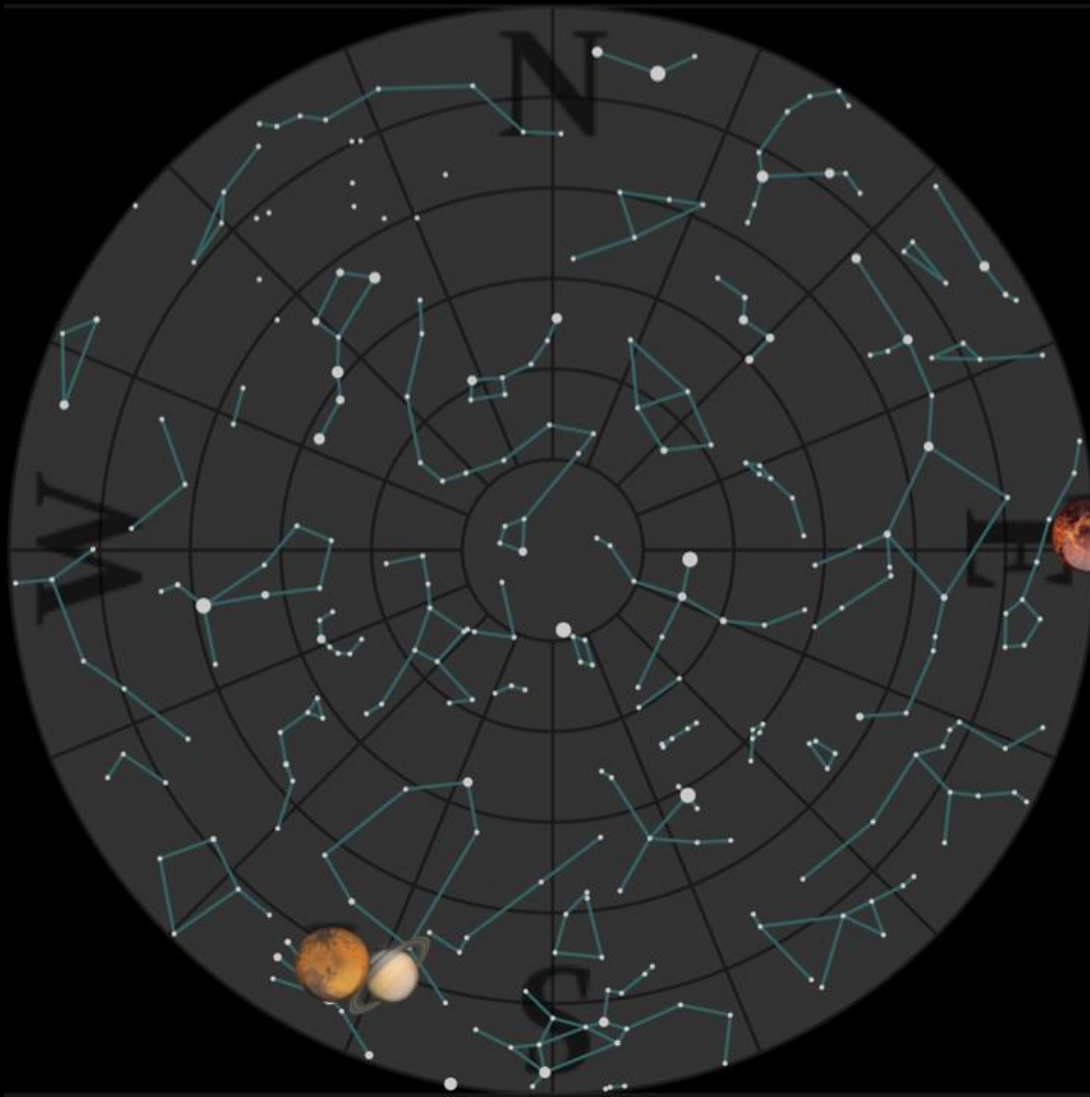
What's Up?

2016 April 11 to May 16

Bill Barton, FRAS

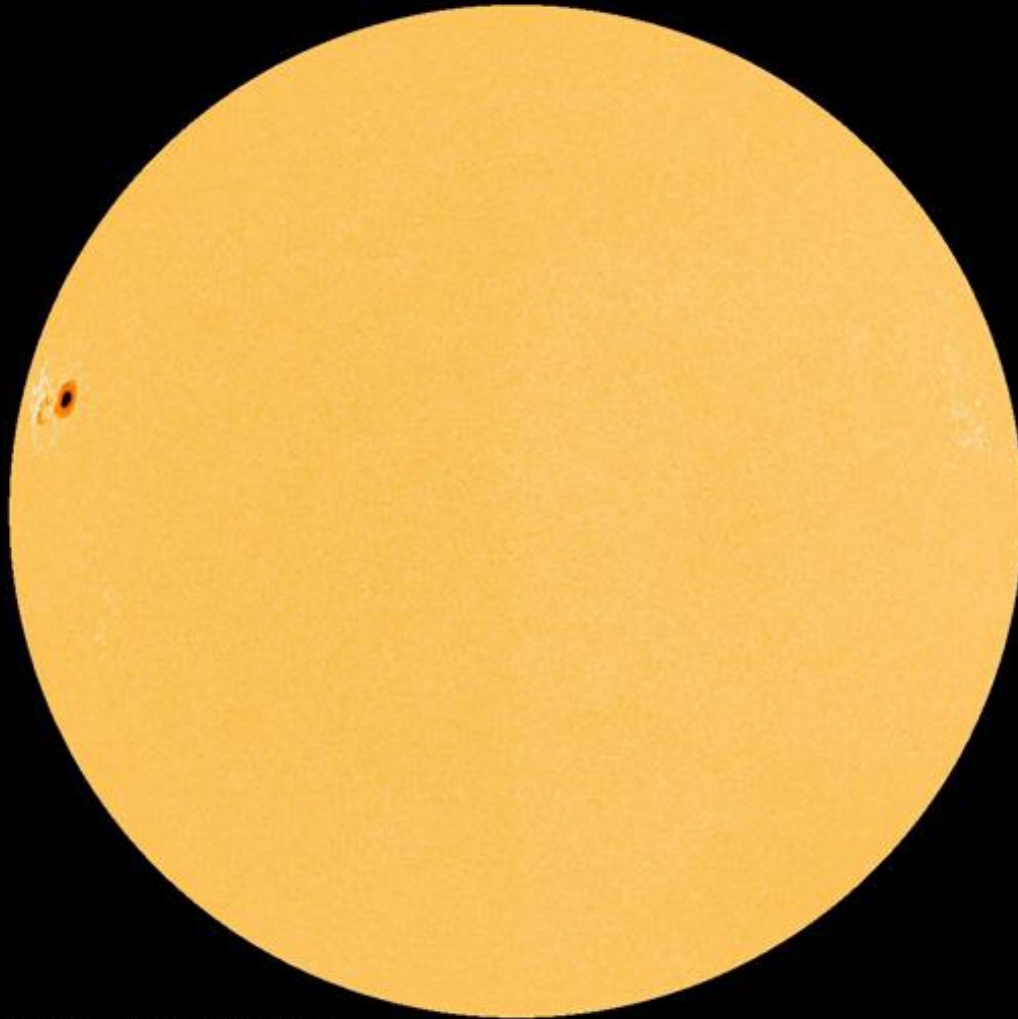


- The Sky 22:00 Tonight



- 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