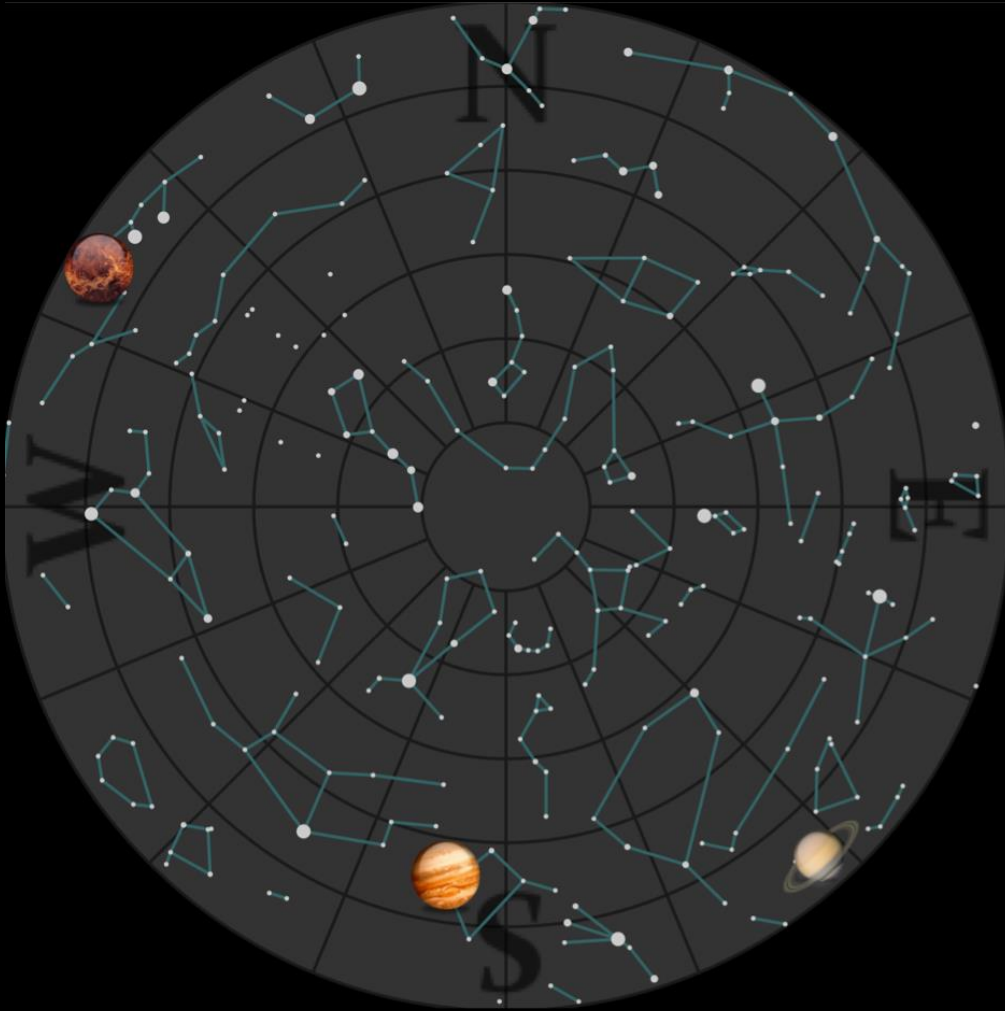


# What's Up?

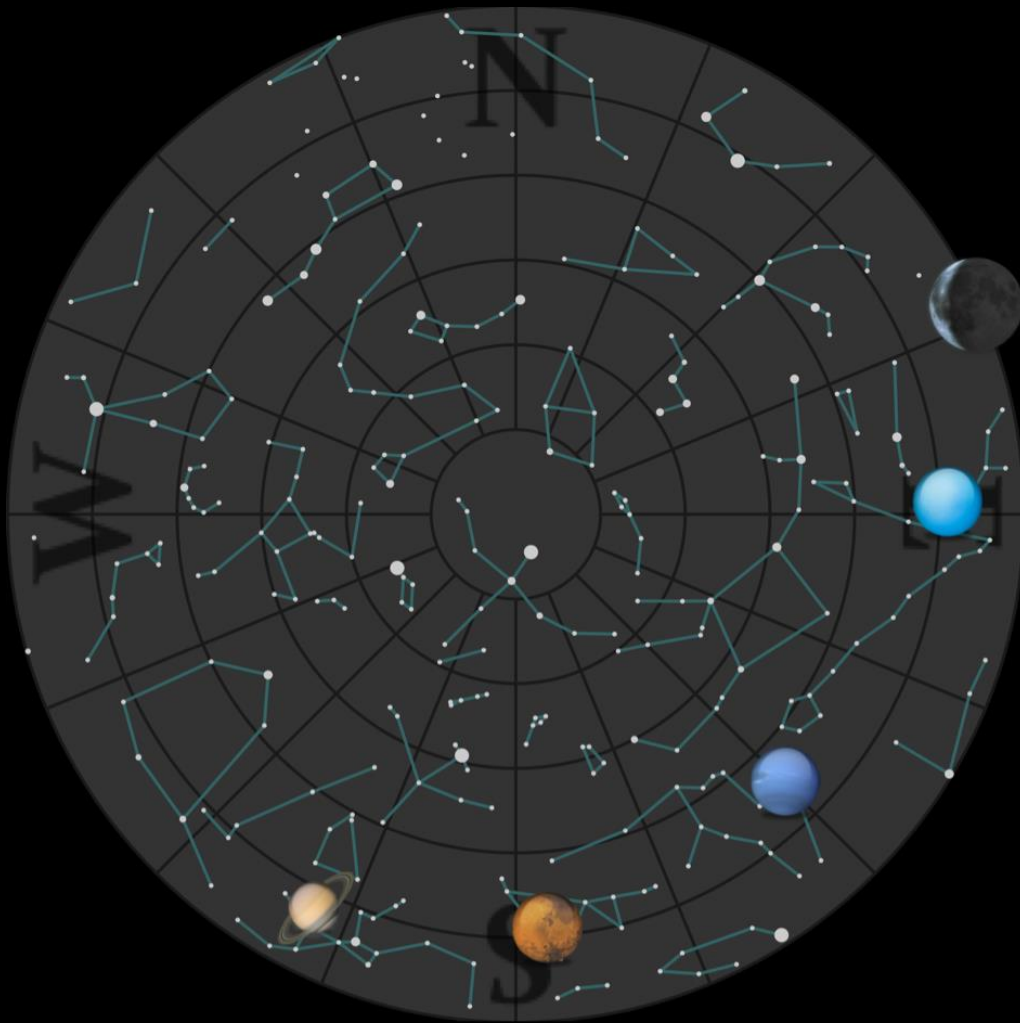
2018 June 11 to July 09

Bill Barton, FRAS

•The Sky 22:00  
Tonight







•The Sky 04:00  
Tomorrow



# Inner Solar System

- Sun
  - Declination increasing
  - Solstice June 21, Aphelion July 6
- Mercury
  - In evening sky until early August, and favourable for observation
  - Maximum elongation from Sun will be on July 12 ( $26^{\circ}$ )
- Venus
  - In the evening sky until October 2018
  - Maximum elongation and half phase on August 17 ( $46^{\circ}$ )

# Earth

- Time
  - 00:00UT  $\approx$  17:17ST today
- Moon
  -  New, 13
  -  First Quarter, 20
  -  Full, 28 (Strawberry or Thunder)
  -  Last Quarter, July 6
- Eclipses
  - None this period
- Meteors
  - Only sporadic activity

# Lunar Occultations

- None of note this period

# Outer Solar System

- Mars
  - In morning sky moving away from the Sun, rising around 02:00
  - Perihelic Opposition July 27, but very low altitude
- Jupiter
  - In evening sky and rising before sunset
  - Opposition was on May 9
- Saturn
  - In morning sky, moving away from the Sun, rising around 01:00
  - Opposition, just over a fortnight, June 27, 2018
- Uranus
  - Opposition on October 24, 2018
- Neptune
  - Opposition on September 7, 2018

# Society Events

- Special opening of Orwell Park Observatory, June 14
- National Trust Solar Day, Sutton Hoo, June 16 or 17
- OASI Committee, June 22
- Grazing Lunar Occultation Field Trips July 2 & 4
- BBQ, July 14



# Other Events I

- DASH
  - Solar Observing Meeting, Sunday June 24, International SUNday, Dunwich Heath
- LYRA
  - Discussion Meeting, Tuesday June 12, 7:30pm, Coach House Room, Parkhill Hotel. Steve Hubbard & Malcom Brown, “Thinking about Astronomy – a century of change and continuity”
  - Observing Meeting, Tuesday June 26, 7:30pm, Barn Car Park, Parkhill Hotel

# Other Events II

- Athenæum Astronomical Association
  - Members Meetings, Nowton Park, Thursdays 21 June & 5 July from 7:30pm
- Cambridge University Library
  - One day conference on the life and work of George Airy, Friday June 29, 9:30am till 5:00pm (booking necessary)
- SHA
  - Summer Picnic, Norwich Astronomical Society Observatory, Seething, Saturday 30 June, from 12m