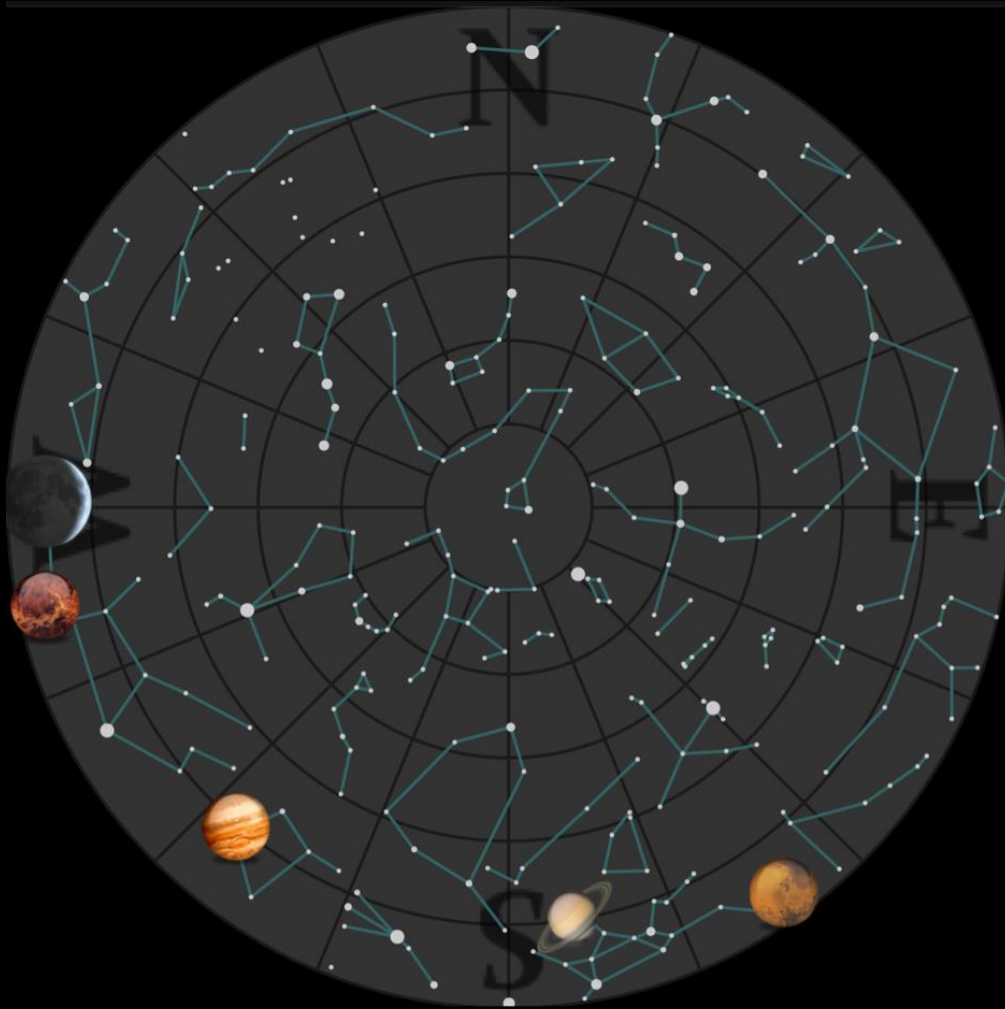


What's Up?

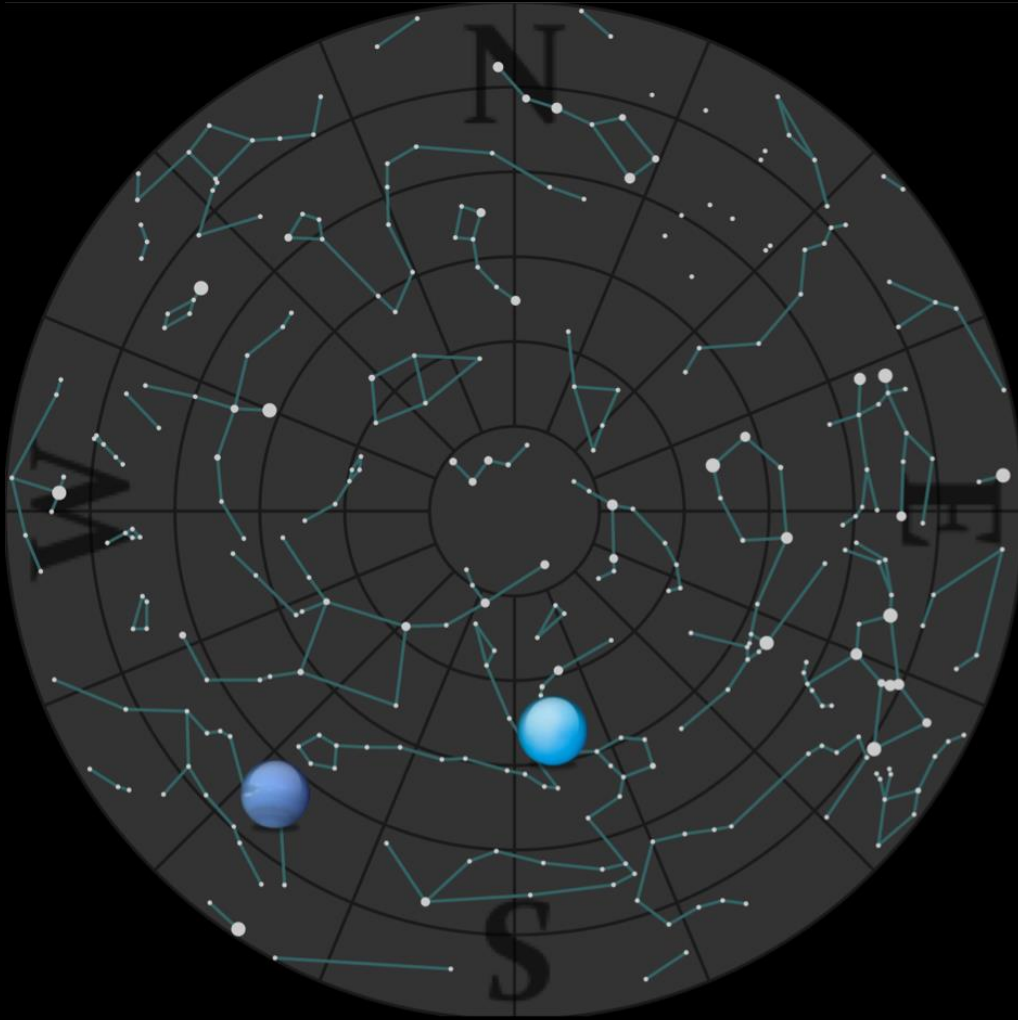
2018 August 13 to September 10

Bill Barton, FRAS

•The Sky 21:00
Tonight







•The Sky 05:00
Tomorrow



Inner Solar System

- Sun
 - Declination decreasing
 - Equinox September 23
- Mercury
 - In morning sky until mid September, and favourable for observation
 - Maximum elongation from Sun will be on August 26 (18°)
 - Rising 05:20, setting 19:40
- Venus
 - In the evening sky until October
 - Maximum elongation and half phase on August 17 (46°)
 - Rising 10:00, setting 21:30

Earth

- Time
 - 00:00UT \approx 21:25ST today
- Moon
 -  First Quarter, 18
 -  Full, 26 (Corn or Sturgeon)
 -  Last Quarter, Sept 03
 -  New, Sept 09
- Eclipses
 - None this period
- Meteors
 - Perseids from July 23 to August 20, peak August 13, ZHR=80+

Lunar Occultations

- See later slide of 'Society Events'

Outer Solar System

- Mars
 - Rising around 20:15, setting 03:10. Perihelic Opposition was on July 27
- Jupiter
 - Rising around 13:40, setting 23:00. Solar Conjunction November 26
- Saturn
 - Rising around 17:45, setting 01:40. Opposition was on June 27, 2018
- Uranus
 - Rising around 22:20, sets 12:30. Opposition on October 24, 2018
- Neptune
 - Rising around 21:00, sets 08:10. Opposition on September 7, 2018

Society Events

- Field Trip to Observe Grazing Occultation
 - September 3, 02:30am, Hip 21630
- Committee Meeting
 - September 7, 8:00pm, Methodist Church Hall, Blackhorse Lane
- Bentley Family Fun Day
 - September 9, setup from 10:00am, Solar observing

Other Events I

- DASH
 - Observing Meeting, Sunday September 9, Westleton Heath
- LYRA
 - Summer Social Meeting, Tuesday August 14, Parkhill Hotel
 - Discussion Meeting, Tuesday September 11 7:30pm, Coach House Room, Parkhill Hotel, Jonathan Gale 'Observing Astronomical Asterisms'

Other Events II

- Athenæum Astronomical Association
 - Meeting at Nowton Park
 - Thursday 16 August, 7:30pm.
 - Optics, How Telescopes Work
 - Whats Topical in Astronomy
 - Thursday 30 August, 7:30pm.
 - Variable Stars
 - Whats in the Night Sky