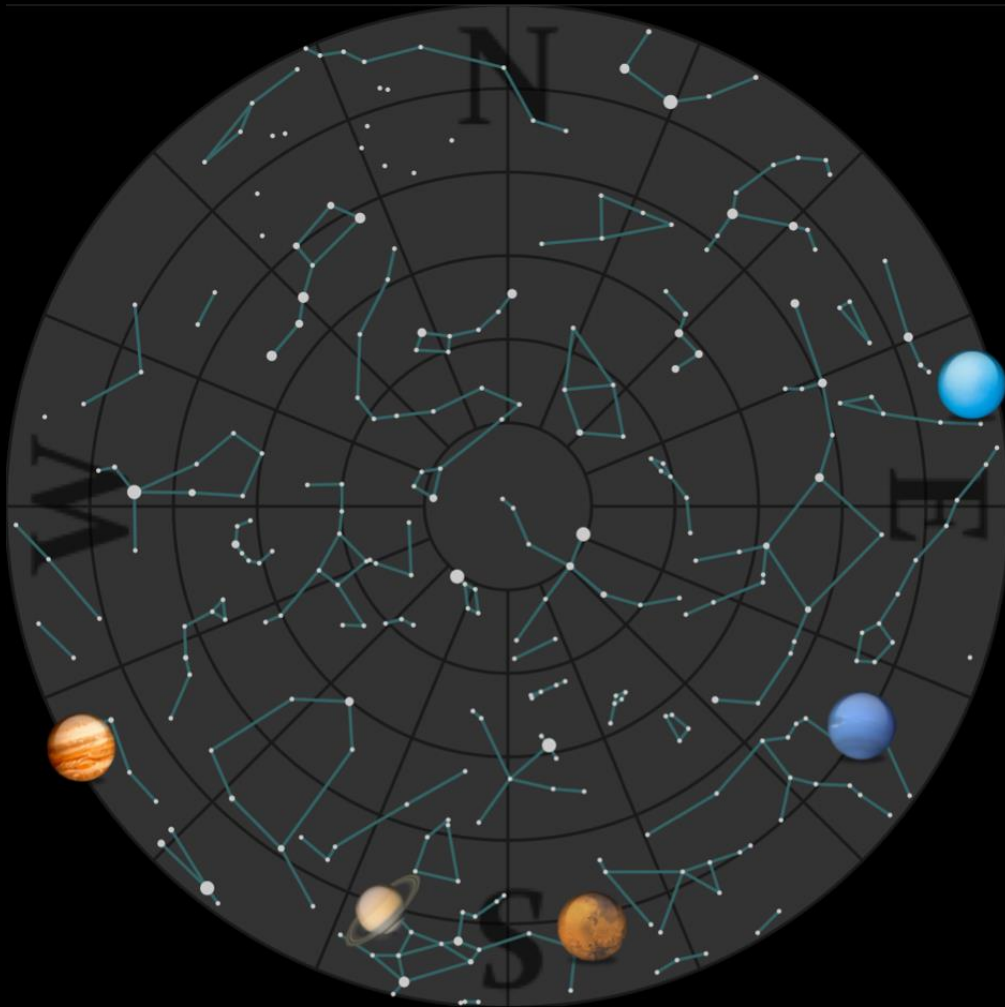


What's Up?

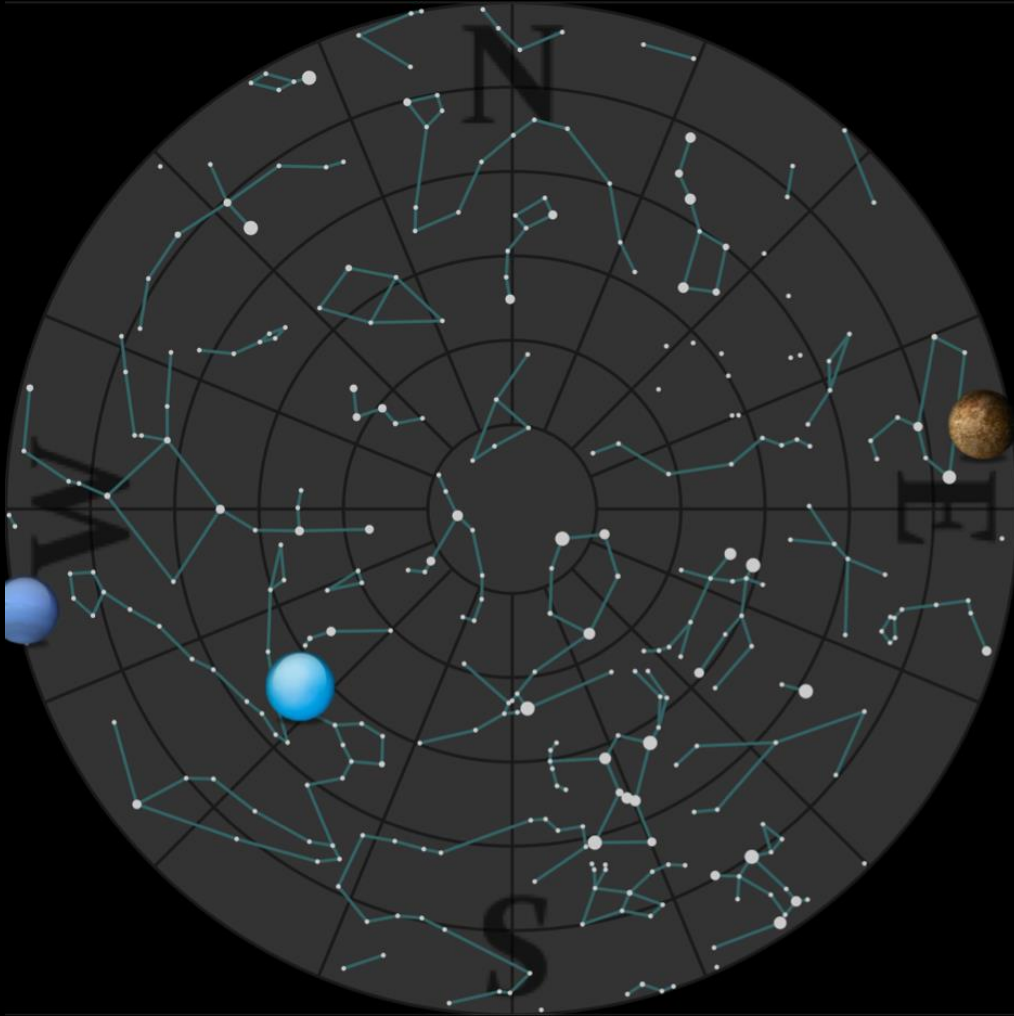
2018 September 10 to October 08

Bill Barton, FRAS

•The Sky 21:00
Tonight







•The Sky 06:00
Tomorrow



Inner Solar System

- Sun
 - Declination decreasing
 - Equinox September 23, solstice December 21, perihelion January 03
- Mercury
 - In morning sky until mid September, and favourable for observation
 - Maximum elongation from Sun was on August 26 (18°)
 - Rising 05:20, setting 19:15
- Venus
 - In the evening sky, inferior conjunction October 26
 - Maximum elongation and half phase on August 17 (46°)
 - Rising 10:45, setting 20:00

Earth

- Time
 - 00:00UT \approx 23:15ST today
- Moon
 -  First Quarter, 16
 -  Full, 25 (Harvest)
 -  Last Quarter, October 02
 -  New, Oct 09
- Eclipses
 - None this period
- Meteors
 - Draconids from October 07 to 10, peak Oct 08, ZHR=20?

Lunar Occultations

- None of note this period

Outer Solar System

- Mars
 - Rising around 18:15, setting 01:30. Perihelic Opposition was on July 27
- Jupiter
 - Rising around 12:10, setting 21:15. Solar Conjunction November 26
- Saturn
 - Rising around 15:55, setting 23:45. Opposition was on June 27, 2018
- Uranus
 - Rising around 20:30, sets 10:45. Opposition on October 24, 2018
- Neptune
 - Rising around 19:15, sets 06:15. Opposition on September 7, 2018

Society Events

- Lecture Meeting
 - September 21, 8:00pm, St. Augustine's Church Hall
'Can the World's Largest Digital Camera Answer Cosmological Questions?' Dr. Lorne Whiteway, UCL
- Workshop
 - September 24, 7:45pm, Newbourne Village Hall
'The Summer Sky from the Canaries and Namibia' Nigel Evans
- Talk & Telescope Evening
 - September 28, 7:00pm, Broomhill Library

Other Events I

- DASH
 - Sunday September 23, Discussion Meeting, Bob Greef 'Life, but not as we know it'. An investigation into the forms that extraterrestrial life could take
 - Sunday October 7, Observing Session, Westleton Heath
- LYRA
 - 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 13 September, 7:30pm.
 - The Formation of the Universe
 - Whats Topical in Astronomy
 - Thursday 27 September, 7:30pm.
 - Mysteries of Mars
 - Whats in the Night Sky
 - 11 October
 - Star Shadows - all about sundials
 - What's topical in astronomy