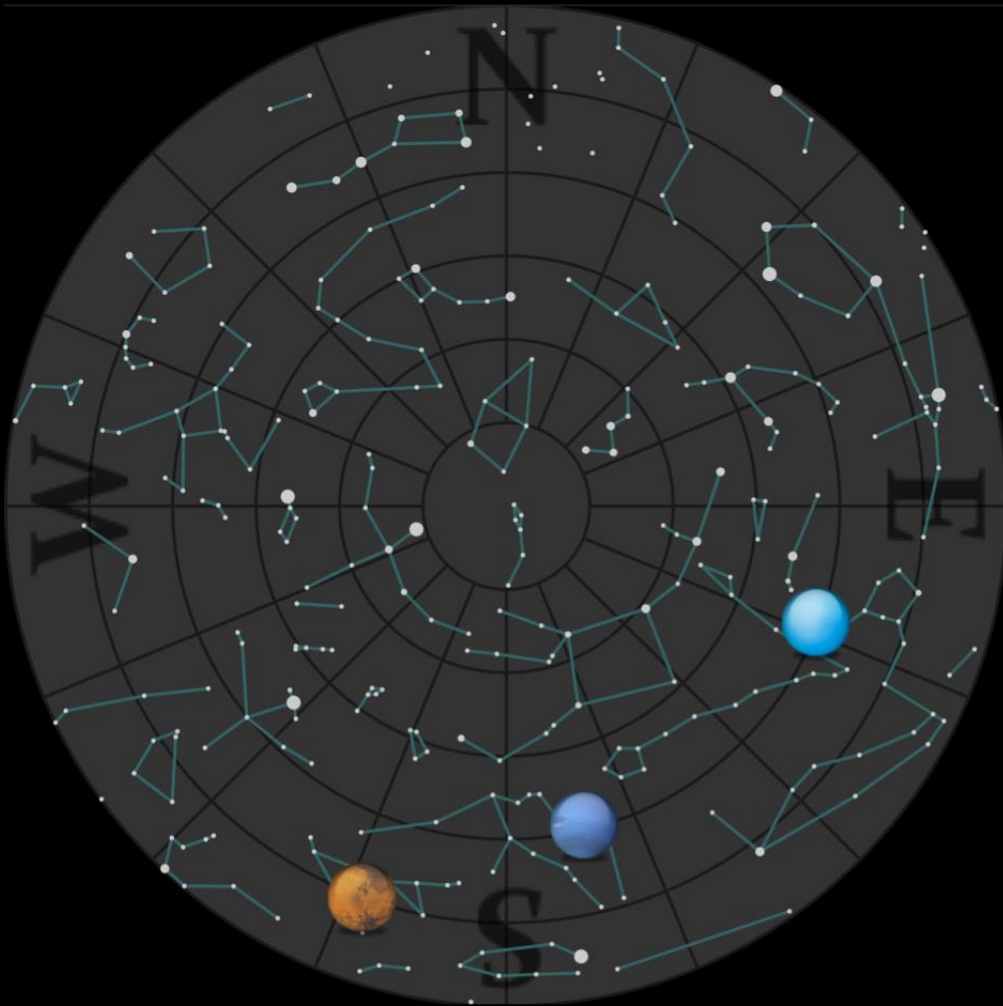


# What's Up?

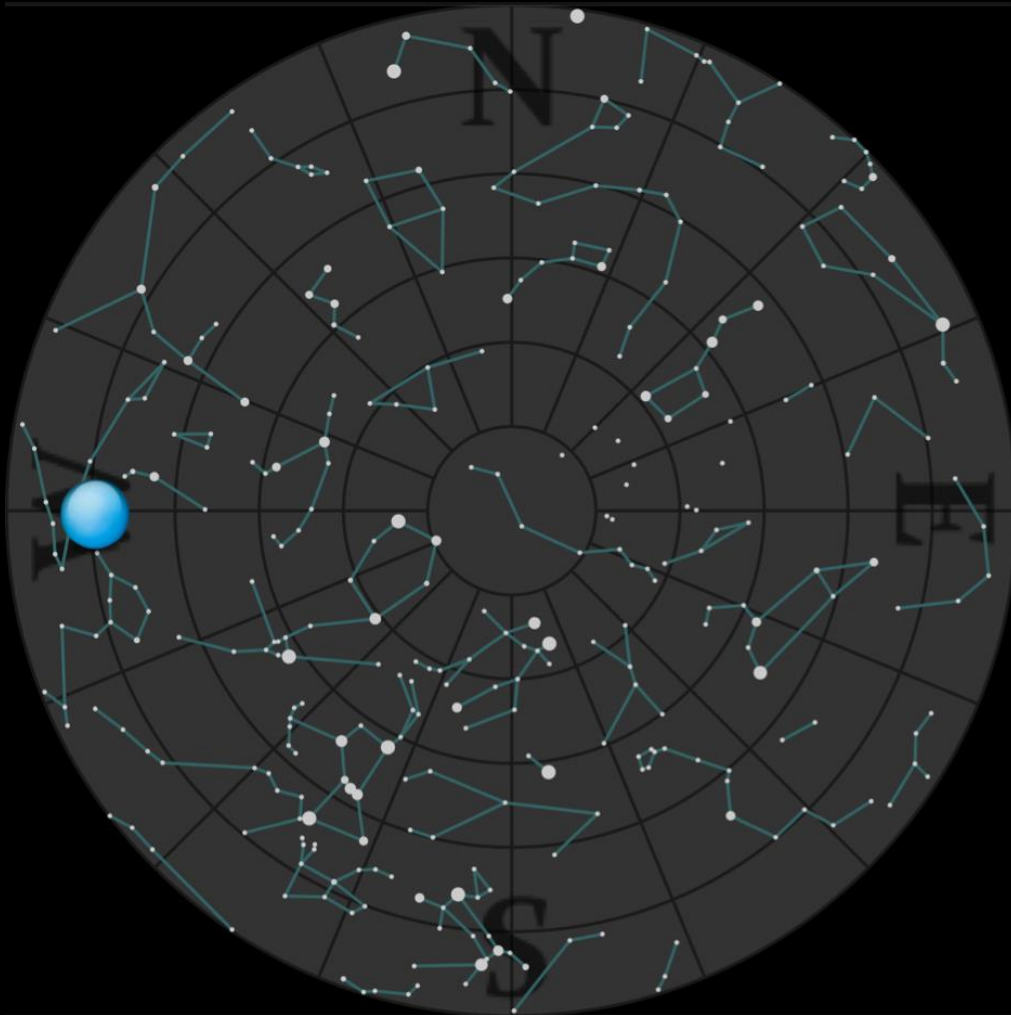
2018 October 08 to November 12

Bill Barton, FRAS

•The Sky 21:00  
Tonight







•The Sky 07:00  
Tomorrow



# Inner Solar System

- Sun
  - Declination decreasing
  - Equinox September 23, Solstice December 21
- Mercury
  - In evening sky until the end of November, but not favourable for observation
  - Maximum elongation from Sun will be on November 6 ( $23^{\circ}$ )
  - Rising 08:30, setting 18:45
- Venus
  - Inferior Conjunction on October 26
  - Then in morning sky
  - Rising 10:15, setting 18:20

# Earth

- Time
  - 00:00UT  $\approx$  01:05ST today
- Moon
  -  New, 09 & November 07
  -  First Quarter, 16
  -  Full, 24 (Hunters)
  -  Last Quarter, 31
- Eclipses
  - None this period
- Meteors
  - Orionids, peak October 21, ZHR=25
  - Taurids, peak November 5, ZHR=10

# Lunar Occultations

- None of note this period

# Outer Solar System

- Mars
  - Rising around 16:40, setting 00:50. Perihelic Opposition was on July 27
- Jupiter
  - Rising around 10:50, setting 19:50. Solar Conjunction November 26
- Saturn
  - Rising around 14:15, setting 22:05. Opposition was on June 27, 2018
- Uranus
  - Rising around 18:50, sets 08:55. Opposition on October 24, 2018
- Neptune
  - Rising around 17:30, sets 04:30. Opposition was on September 7, 2018

# Society Events

- Observatory Open Weekend
  - Friday & Saturday October 19 & 20 from 7:00pm
- Lecture Meeting
  - Friday October 26, 8:00pm, St Augustines Church Hall, Bucklesham Road, Ipswich. 'Monsters in the Dark: searching for the Universe's most massive galaxies' Dr Matt Bothwell, Institute of Astronomy, University of Cambridge.



# Other Events I

- DASH
  - Discussion Meeting, Sunday October 21, 7:30pm, Westleton Village Hall, 'Colliding Neutron Stars ... evidence?' + Q&A
- LYRA
  - Discussion Meeting, Tuesday October 9, 7:30pm, Coach House Room, Parkhill Hotel, Dr John Rogers, BAA Jupiter Section Director 'Jupiter and the Juno mission'
  - Observing Meeting, Tuesday October 23, 7:30pm Barn Car Park, Parkhill Hotel

# Other Events II

- Athenæum Astronomical Association
  - Meeting at Nowton Park
    - Thursday October 11, 7:30pm, members meeting
    - Friday & Saturday October 19 & 20, 7:00pm, Star Party Weekend
    - Thursday October 25, 7:30pm, members meeting
    - Thursday November 8, 7:30pm, members meeting

# Other Events III

- Society for the History of Astronomy
  - Saturday October 27, 9:30am. Birmingham & Midland Institute, 9 Margaret St., Birmingham, Autumn Conference & AGM
- Society for Popular Astronomy
  - Saturday October 27, 2:00pm. Lecture Theatre 1, Cruciform Building, University College, London.
    - Colin Stuart 'How We'll Live on Mars'
    - Robin Scagell 'What's Up in the Sky' and 'It's About Time'
- British Astronomical Association
  - Annual General Meeting, Wednesday October 31, 5:00pm, Burlington House, Piccadilly, London