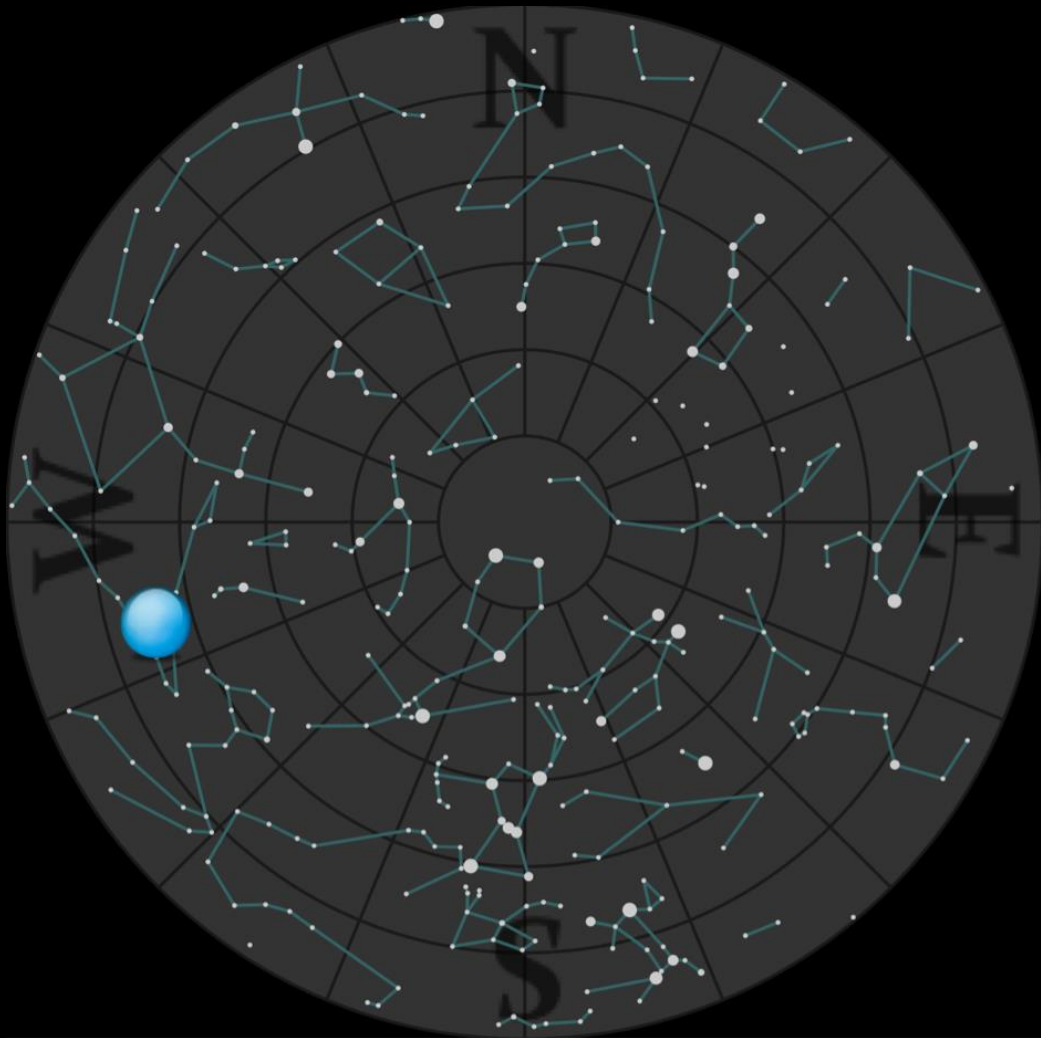


# What's Up?

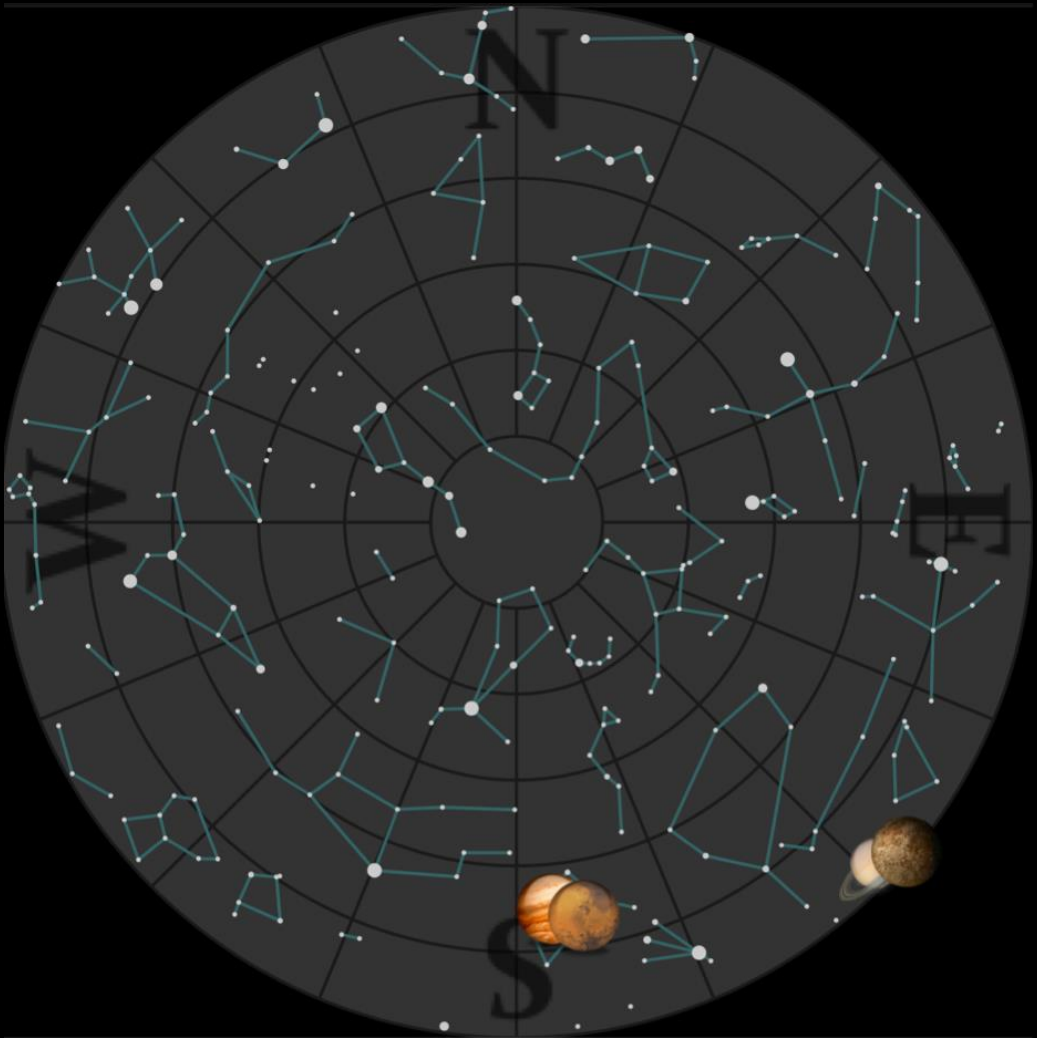
2018 January 15 to February 12

Bill Barton, FRAS

•The Sky 22:00  
Tonight



•The Sky 07:00  
Tomorrow Morning



# Inner Solar System

- Sun
  - Declination increasing (Perihelion January 3, Equinox March 21)
- Mercury
  - In morning sky and favourable for observation until mid February
  - Maximum elongation from Sun was on January 1 ( $23^{\circ}$ )
- Venus
  - In the evening sky until October 2018
  - Superior conjunction with the Sun (far side) on January 9
  - Maximum elongation on August 17 ( $46^{\circ}$ )

# Earth

- Moon
  - New, 17
  - First Quarter, 24
  - Full, 31 (Blue Moon)
  - Last Quarter, February 7
- Eclipses
  - Lunar, 31, 11:48-15:11 (not visible from UK)
- Meteors
  - Only sporadic this period

# Lunar Occultations

- No notable events this period

# Outer Solar System

- Mars
  - In morning sky moving away from the Sun, rising around 03:30
  - Perihelic Opposition July 27
- Jupiter
  - In morning sky moving away from the Sun, rising around 03:30
  - Opposition May 9
- Saturn
  - In morning sky, moving away from the Sun, rising around 07:00
  - Opposition June 27, 2018
- Uranus
  - Opposition on October 24, 2018
- Neptune
  - Opposition on September 7, 2018

# Society Events

- Saturday January 20
  - AGM, Methodist Church Hall, Black Horse Lane, Ipswich, 7:30pm
- Friday February 16 & Saturday 17
  - 'Go Stargazing' event



# Other Events I

- DASH
  - Observing Meeting, Sunday January 21, 7:30pm, Westleton Heath.
  - Discussion Meeting, Sunday February 4, 7:30pm, Westleton Village Hall. Matthew Bothwell: An Overview of Modern Cosmology
- LYRA
  - Observing Meeting, Wednesday January 23, 7:30 pm, Barn Car Park, Parkhill Hotel.
  - Discussion Meeting, Wednesday February 13, 7:30pm, Coach House Room, Parkhill Hotel. Chris Greenfield: Near Earth Objects

# Other Events II

- Athenæum Astronomical Association
  - Observing Meetings, Nowton Park, Thursday 18 January & 1 February from 7:30pm.
- British Astronomical Association
  - Ordinary Meeting, Burlington House, Piccadilly, London, Saturday January 20, 2:30pm to 6:00pm.