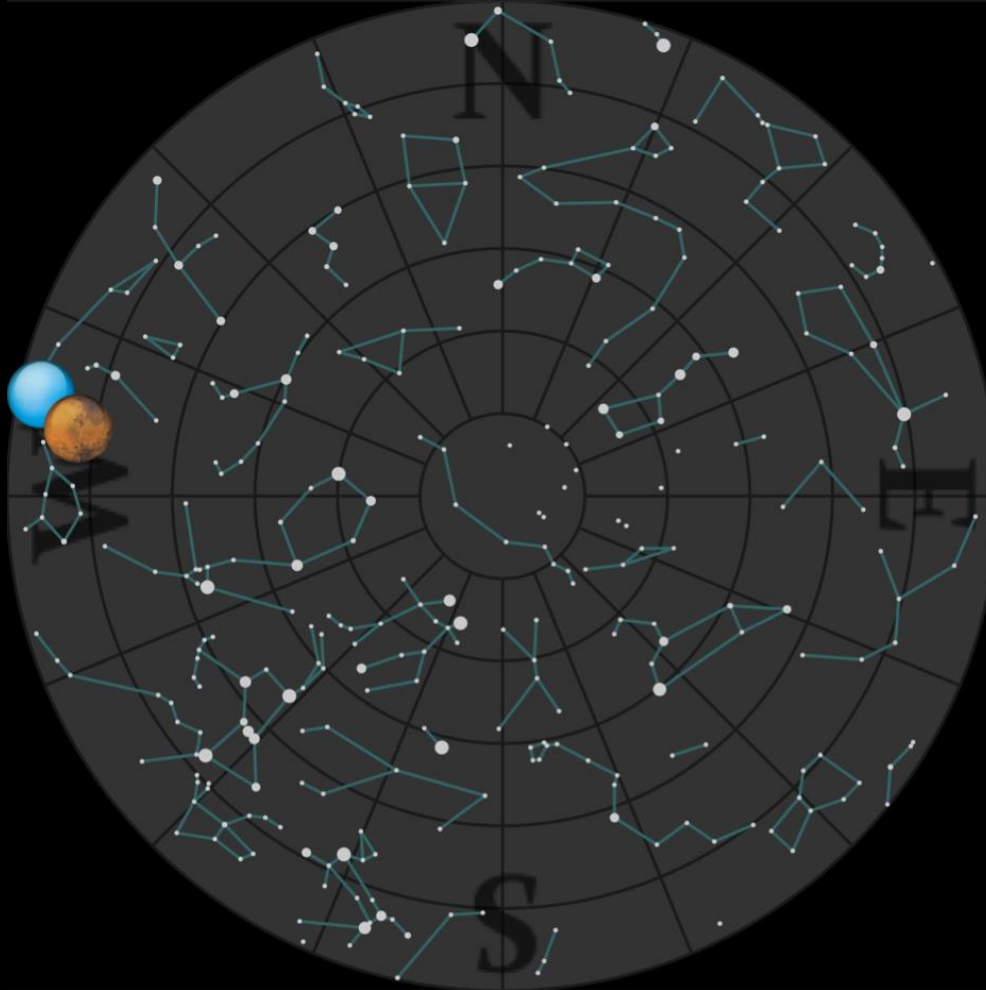


# What's Up?

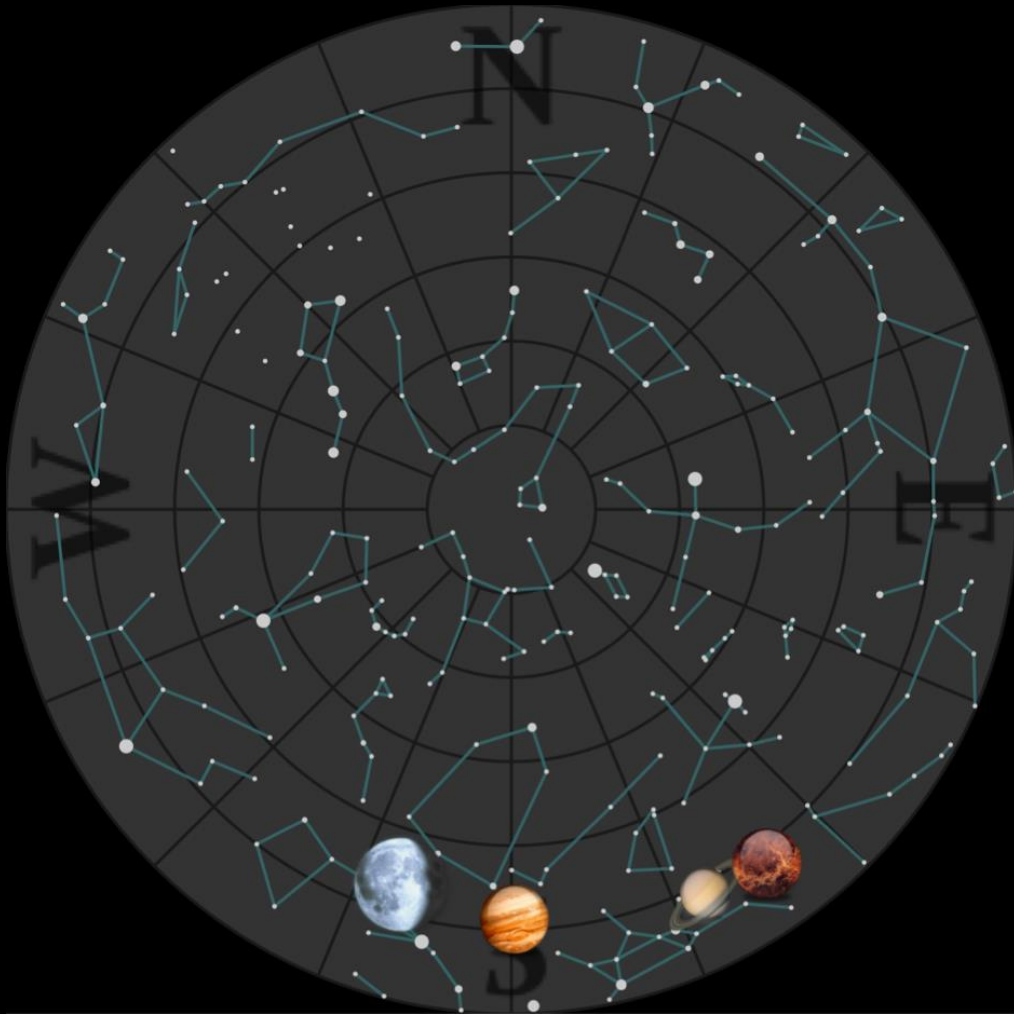
2019 February 25 to March 25

Bill Barton, FRAS

•The Sky 22:00  
Tonight





•The Sky 07:00  
Tomorrow



# Inner Solar System

- Sun
  - Declination increasing
  - Equinox March 20
- Mercury
  - In the evening sky, greatest Eastern elongation February 27 (18°)
  - Favourable for observation
  - Inferior conjunction March 15
  - Then in morning sky, greatest Western elongation April 11 (28°)
  - currently rising 07:15, setting 19:10
- Venus
  - In morning sky until superior conjunction on August 14
  - Greatest Western elongation was on January 06 (47°)
  - Currently rising 05:10, setting 13:35

# Earth

- Time
  - 00:00UT  $\approx$  10:18ST today
  - Today sunrise 06:50, sunset 17:30
  - End of period sunrise 05:50, sunset 18:15
- Moon
  -  Last Quarter, 26
  -  New, 06
  -  First Quarter, 14
  -  Full, 21 (sap moon)
- Meteors
  - Only sporadic activity this month
- Eclipses
  - None this period

# Occultations

- Lunar Occultations
  - None of note this period
- Grazing Lunar Occultations
  - None this period
- Asteroid Occultations
  - None this period

# Outer Solar System

- Mars
  - Currently rising 08:30, setting 23:15. Solar Conjunction September 02
- Jupiter
  - Currently rising 03:00, setting 10:55. Opposition on June 10
- Saturn
  - Currently rising 04:50, setting 12:50. Opposition on July 9
- Uranus
  - Currently rising 08:25, setting 22:25. Opposition on October 28
- Neptune
  - Currently rising 07:15, setting 18:15. Opposition on September 10

# Society Events

- BAA Back to Basics Workshop
  - Saturday March 02, 10:00am till 5:00pm, Museum Street Methodist Church Hall, Blackhorse Lane, £9/£12
- Grazing Lunar Occultation
  - Tuesday March 26, 03:30am, field trip to observe graze of ZC2401 (mag 5.6)



# Other Events I

- Practical Astronomy Show
  - Saturday March 09, 09:30am till 5:00pm, Kettering Conference Centre, Thurston Drive, Kettering, Northamptonshire, NN15 6PB. Free event
- DASH
  - Observing Meeting, Sunday March 03 from 7:30pm, Westleton Common
  - Discussion Meeting, Sunday March 17 from 7:30pm, Westleton Village Hall, Nick James 'Modern Meteor Astronomy'

# Other Events II

- LYRA
  - Observing Meeting, Tuesday February 26, 7:30pm, Barn Car Park, Parkhill Hotel, Oulton
  - Discussion Meeting, Tuesday March 12, 7:30pm, Parkhill Hotel, Oulton, David Murton 'Simple Astrophotography'
- Athenæum Astronomical Association
  - Meetings at Nowton Park
    - Thursday March 7, 7:30pm, members meeting
    - Thursday March 21, 7:30pm, members meeting