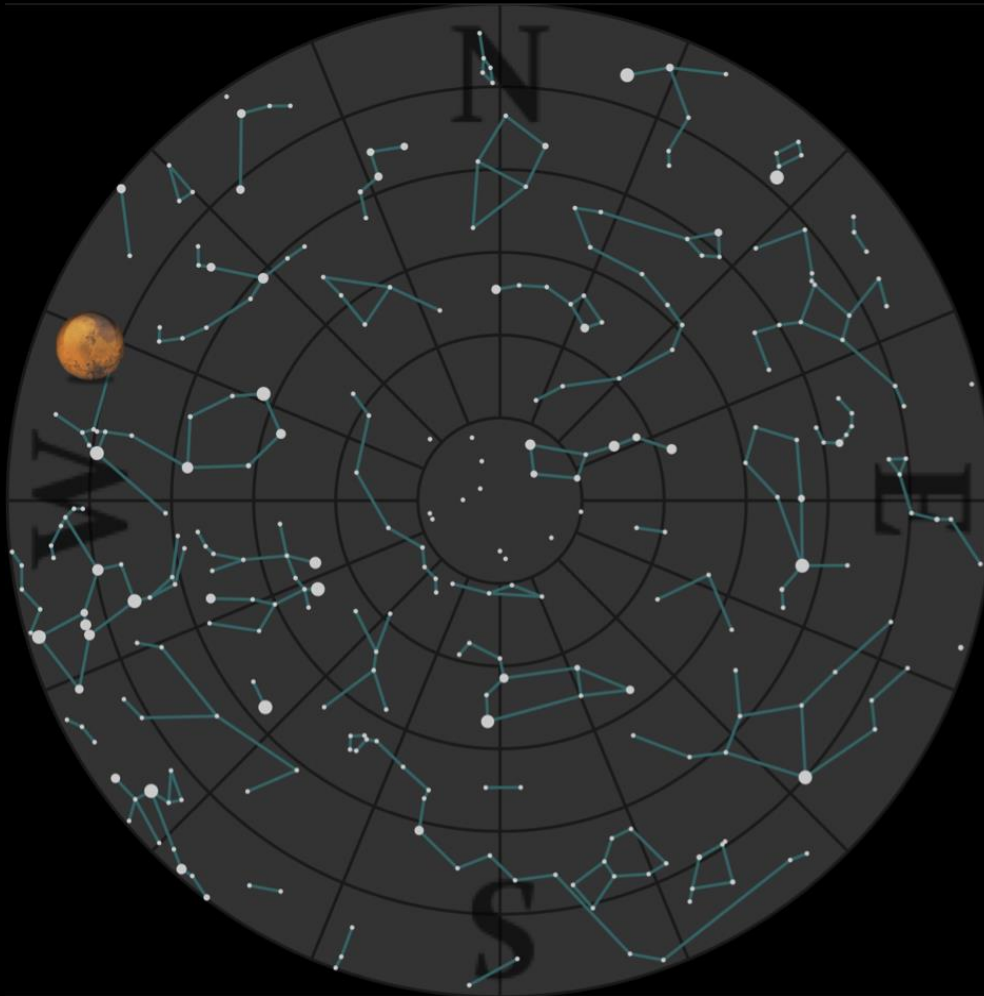


What's Up?

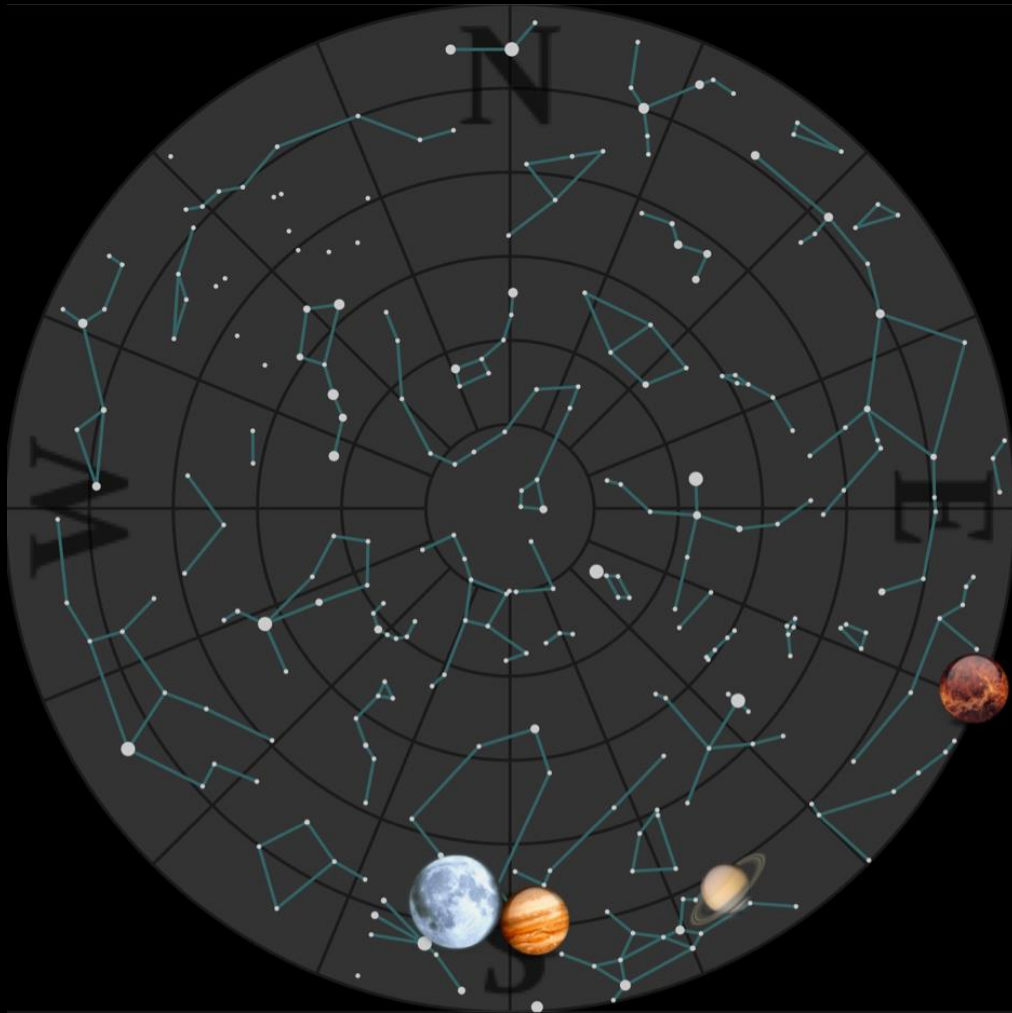
2019 March 25 to April 22

Bill Barton, FRAS

•The Sky 22:00
Tonight







•The Sky 05:00
Tomorrow



Inner Solar System

- Sun
 - Declination increasing
 - Equinox March 20, BST starts 01:00 March 31, Solstice June 21
- Mercury
 - In the morning sky, greatest Western elongation April 11 (28°)
 - Superior conjunction May 21
 - Currently rising 05:10, setting 16:35
- Venus
 - In morning sky until superior conjunction on August 14
 - Greatest Western elongation was on January 06 (47°)
 - Currently rising 04:50, setting 14:45

Earth

- Time
 - 00:00UT \approx 12:08ST today
 - Today sunrise 05:47, sunset 18:16
 - End of period sunrise 04:44, sunset 19:04UT
- Moon
 -  Last Quarter, 28
 -  New, 05
 -  First Quarter, 12
 -  Full, 19 (Seed or Egg)
- Meteors
 - Lyrids, April 14-30, max ZHR=15, April 22 (unfavourable)
 - η Aquarids, April 19-May 28, max ZHR=40, May 6-7

Occultations

- Eclipses
 - None this period
- Lunar
 - None this period
- Grazing Lunar
 - Tuesday 26 March 03:30am, ZC2401 (mag 5.6)
- Asteroid
 - None this period

Outer Solar System

- Mars
 - Currently rising 07:30, setting 23:15. Solar Conjunction September 02
- Jupiter
 - Currently rising 01:25, setting 09:15. Opposition on June 10
- Saturn
 - Currently rising 03:10, setting 11:15. Opposition on July 9
- Uranus
 - Currently rising 06:40, setting 20:45. Opposition on October 28
- Neptune
 - Currently rising 05:30, setting 16:30. Opposition on September 10

Society Events

- Grazing Lunar Occultation
 - Tuesday March 26, 03:30am, field trip to observe graze of ZC2401 (mag 5.6)
- Outreach Meeting
 - Saturday April 13, 07:30pm onwards, in the field behind the Case is Altered, Bentley (weather dependent)

Other Events I

- British Astronomical Association
 - Wednesday March 27, 5:30pm till 8:00pm, Ordinary Meeting, Burlington House, London
 - Saturday April 27, 10:00am till 6:00pm, One Day Spring Meeting, Sweyne Park School, Rayleigh, 'Galaxies', £5:00, lunch £8:00
- Society for Popular Astronomy
 - Saturday March 30, 9:30am till 5:30pm, Biennial Convention, IoA, Cambridge, free, but places limited to 180
- Athenæum Astronomical Association
 - Meetings at Nowton Park
 - Thursday April 4, 07:30pm, members meeting
 - Thursday April 18, 07:30pm, members meeting

Other Events II

- LYRA
 - Discussion Meeting, Tuesday April 9 07:30pm, Parkhill Hotel, Oulton, Presidential Lecture, Dr. Matt Bothwell
 - Observing Meeting, Tuesday April 23, 07:30pm, Barn Car Park, Parkhill Hotel, Oulton
- DASH
 - Observing Meeting, Sunday April 7 from 07:30pm, Westleton Common
 - Discussion Meeting, Sunday April 14 from 07:30pm, Westleton Village Hall, Bob Greef, TBA