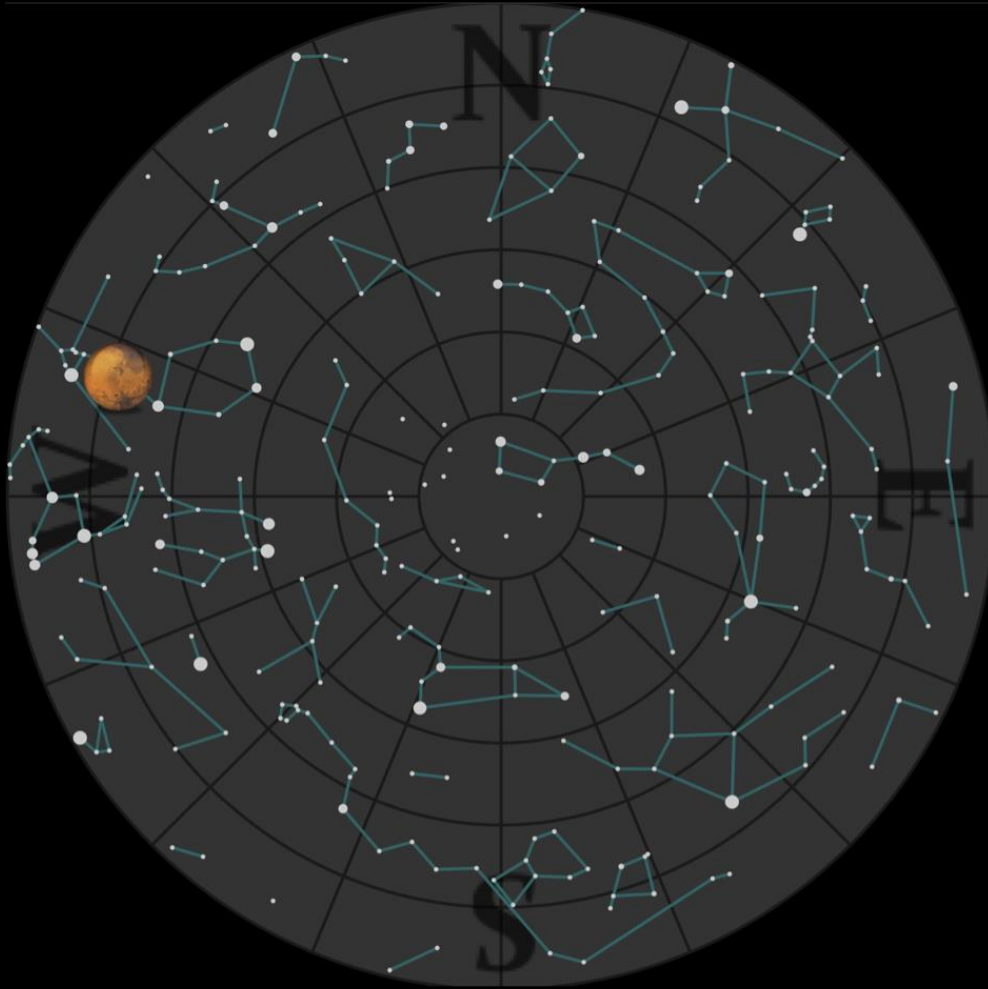


What's Up?

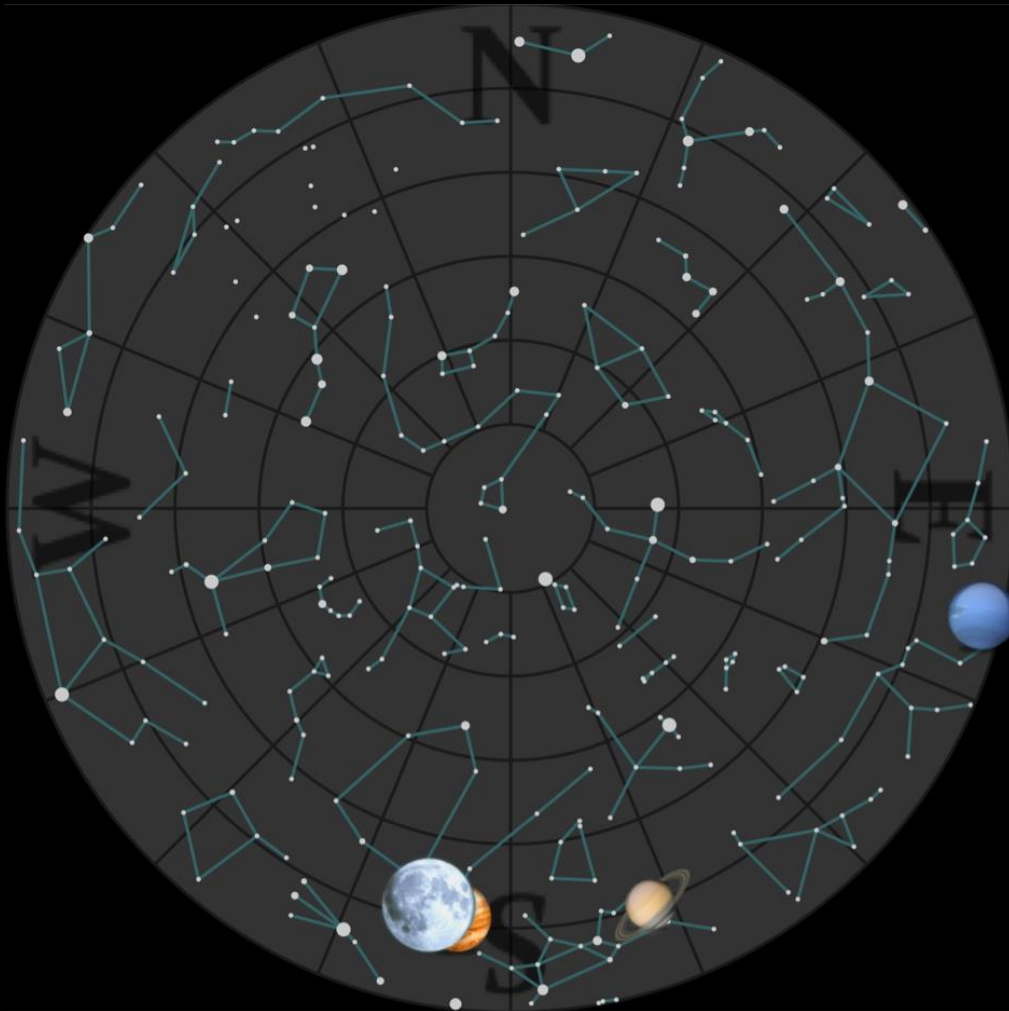
2019 April 22 to May 27

Bill Barton, FRAS

•The Sky 22:00
Tonight





•The Sky 05:00
Tomorrow



Inner Solar System

- Sun
 - Declination increasing
 - Equinox March 20, Solstice June 21
- Mercury
 - In the morning sky, greatest Western elongation April 11 (28°)
 - Superior conjunction May 21
 - Currently rising 05:20, setting 17:35
- Venus
 - In morning sky until superior conjunction on August 14
 - Greatest Western elongation was on January 06 (47°)
 - Currently rising 05:00, setting 17:00

Earth

- Time
 - 00:00UT \approx 14:00ST today
 - Today sunrise 05:44, sunset 20:00BST
 - End of period sunrise 04:40, sunset 21:00BST
 - No 'Astronomical Twilight' from May 20 until July 25
- Moon
 -  Last Quarter, 26
 -  New, 04
 -  First Quarter, 12
 -  Full, 18 (Milk or Flower)
- Meteors
 - η Aquarids, April 19-May 28, max ZHR=40, May 6-7

Occultations

- Eclipses
 - None this period
- Lunar
 - None this period
- Grazing Lunar
 - None this period
- Asteroid
 - None this period

Outer Solar System

- Mars
 - Currently rising 07:30, setting 00:00 Solar Conjunction
September 02
- Jupiter
 - Currently rising 00:30, setting 08:25. Opposition on June 10
- Saturn
 - Currently rising 02:20, setting 10:30. Opposition on July 9
- Uranus
 - Currently rising 05:50, setting 20:00. Opposition on October 28
- Neptune
 - Currently rising 04:40, setting 15:45. Opposition on September
10

Society Events

- Committee Meeting
 - Friday April 26, 08:00pm, Museum Street Methodist Church Hall, Blackhorse Lane

Other Events I

- British Astronomical Association
 - Saturday April 27, 09:00am till 6:00pm, One Day Spring Meeting, Swayne Park School, Rayleigh, Essex
- DASH
 - Observing Meeting, Sunday May 05, from 07:30pm, Westleton Common
 - AGM, Sunday May 19, from 07:30pm, Westleton Village Hall

Other Events II

- LYRA
 - Observing Meeting, Tuesday April 23, 07:30pm, Barn Car Park, Parkhill Hotel, Oulton
 - Discussion Meeting, Tuesday May 14 07:30pm, Parkhill Hotel, Oulton, “Hunting Outbursting Young Stars with the HOYS-CAPS Citizen Science Project” by Dr Dirk Froebrich, University of Kent
- Athenæum Astronomical Association
 - Meetings at Nowton Park
 - Thursday May 2, 07:30pm, members meeting
 - Thursday May 16, 07:30pm, members meeting

And Finally....

House For Sale



- Upland Gate, Bishops Hill, Ipswich, built 1863
- OIRO £815,000
- Home of George Arthur Biddell (1824-1901)

- 1850, Airy Transit Circle
- 1892, BAA member, proposed by Calver
- 1900 May 28, observed partial solar eclipse

