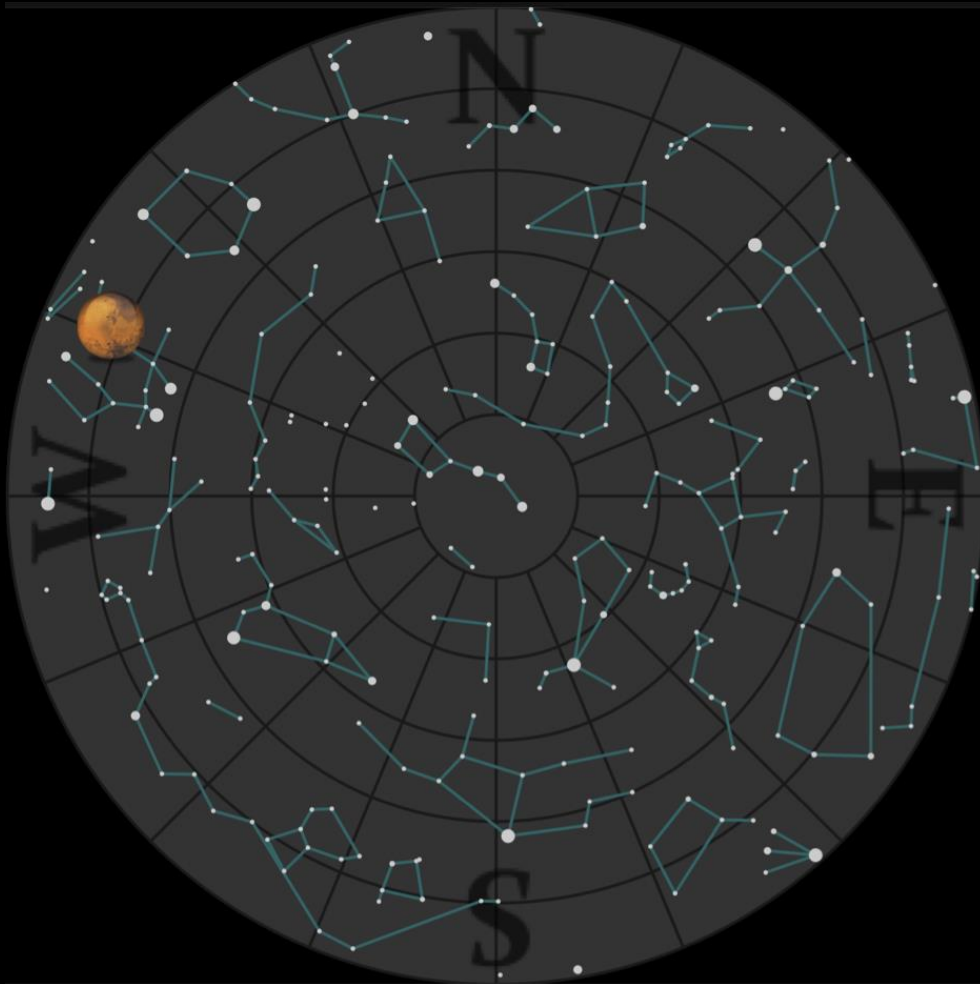


What's Up?

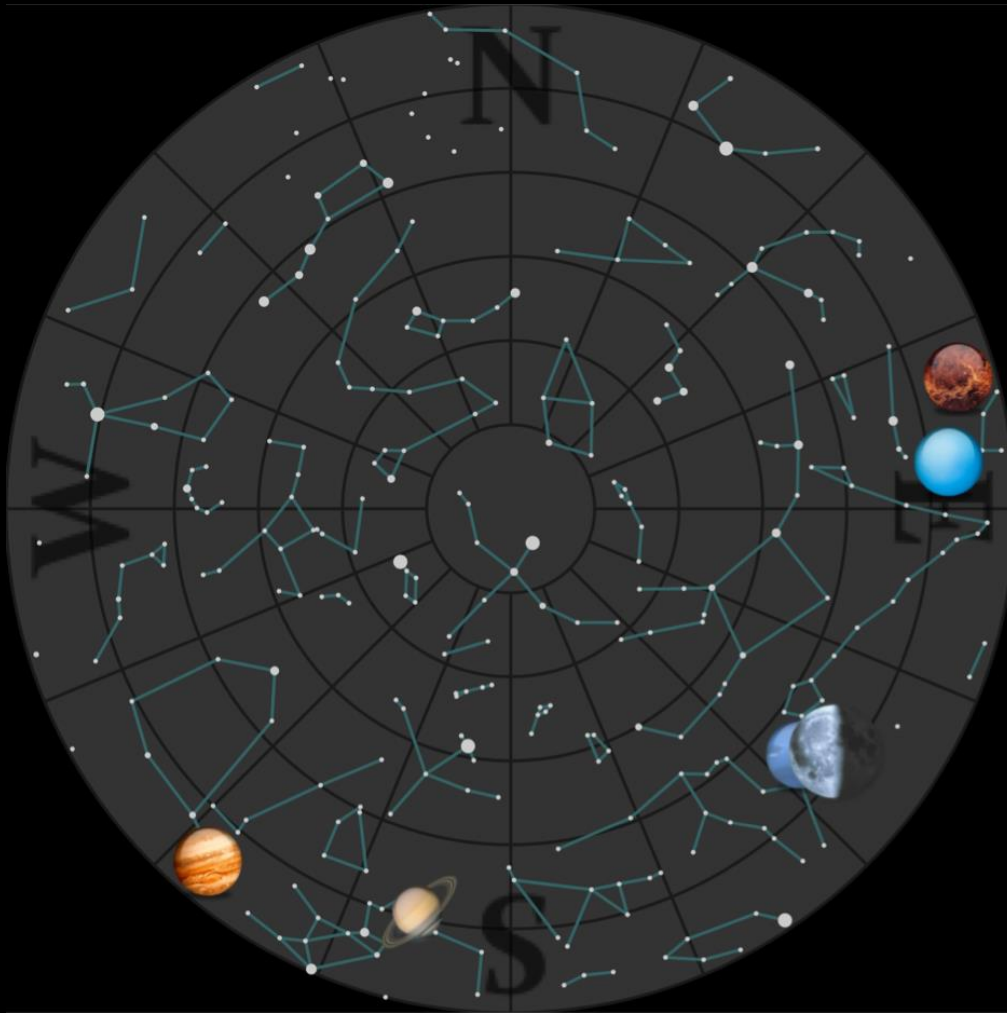
27 May to 24 June 2019

Bill Barton, FRAS

•The Sky 22:00
Tonight




•The Sky 05:00
Tomorrow



Inner Solar System

- Sun
 - Declination increasing until solstice on June 21, then
 - Declination decreasing with equinox September 23
- Mercury
 - In the evening sky, greatest Eastern elongation June 23 (25°)
 - Close approach to Mars (0.25°) June 18
 - Inferior conjunction July 21
 - Currently rising 05:00, setting 21:50
 - Best opportunity mid June to early July
- Venus
 - In morning sky until superior conjunction on August 14
 - Greatest Western elongation was on January 06 (47°)
 - Currently rising 04:00, setting 18:50

Earth

- Time
 - 00:00UT \approx 14:00ST today
 - Today sunrise 04:45, sunset 21:00BST
 - End of period sunrise 04:35, sunset 21:20BST
 - No 'Astronomical Twilight' from May 20 until July 25
- Moon
 -  New, 03
 -  First Quarter, 10
 -  Full, 17 (Strawberry or Thunder)
 -  Last Quarter, 25
- Meteors
 - Daytime Arietids, May 22-July 02, max ZHR=30? June 08

Occultations

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

Outer Solar System

- Mars
 - Currently rising 06:45, setting 23:35. Solar Conjunction September 02
- Jupiter
 - Currently rising 22:00, setting 06:00. Opposition on June 10
- Saturn
 - Currently rising 00:00, setting 08:00. Opposition on July 9
- Uranus
 - Currently rising 03:40, setting 18:00. Opposition on October 28
- Neptune
 - Currently rising 02:20, setting 13:30. Opposition on September 10

Society Events

- Outreach Meetings
 - Saturday June 08, from 10:00am, Kirton Fete, Kirton Recreation Ground
 - Sunday June 09, from 10:00am, ESWR, Kirton Recreation Ground
- Committee Meeting
 - Friday June 21, 8:00pm, Horley Spiritualist Church, 345 London Road, Ipswich, IP2 0BG

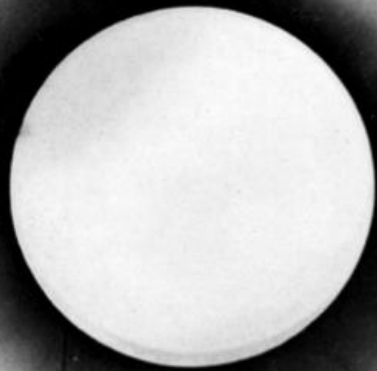
Other Events I

- British Astronomical Association
 - Wednesday May 29, 05:30pm, Ordinary Meeting, Burlington House, London
 - Saturday June 8, 10:00am, Historical Section Meeting, Newbury
 - Saturday June 22, 10:00am, Summer Meeting, 'Astronomy & Space Today', Rutherford Appleton Laboratory
- DASH
 - Solar Observing, Sunday June 02, Dunwich Heath (weather dependent)
 - Solar Observing, Sunday June 16, Sutton Hoo House
 - International SUNday, Sunday June 23, Dunwich Heath

Other Events II

- LYRA
 - Observing Meeting, Tuesday May 28, 07:30pm, Barn Car Park, Parkhill Hotel, Oulton
 - Discussion Meeting, Tuesday June 11, 07:30pm, Parkhill Hotel, Oulton, “The Silver-On-Glass Revolution” by Bob Marriot
- Athenæum Astronomical Association
 - Meetings at Nowton Park
 - Thursday May 30, 07:30pm, members meeting

And Finally....



- 100 years ago on Wednesday
- Total solar eclipse
 - Observations verified Einstein's General Relativity