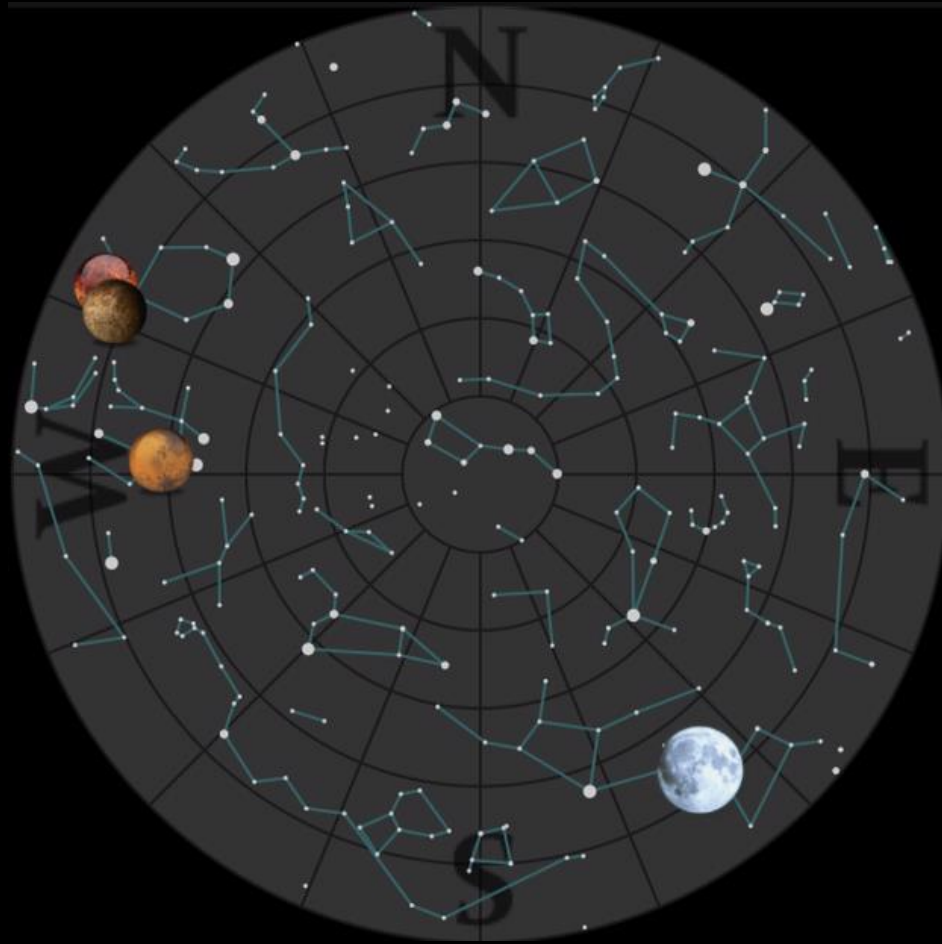


What's Up?

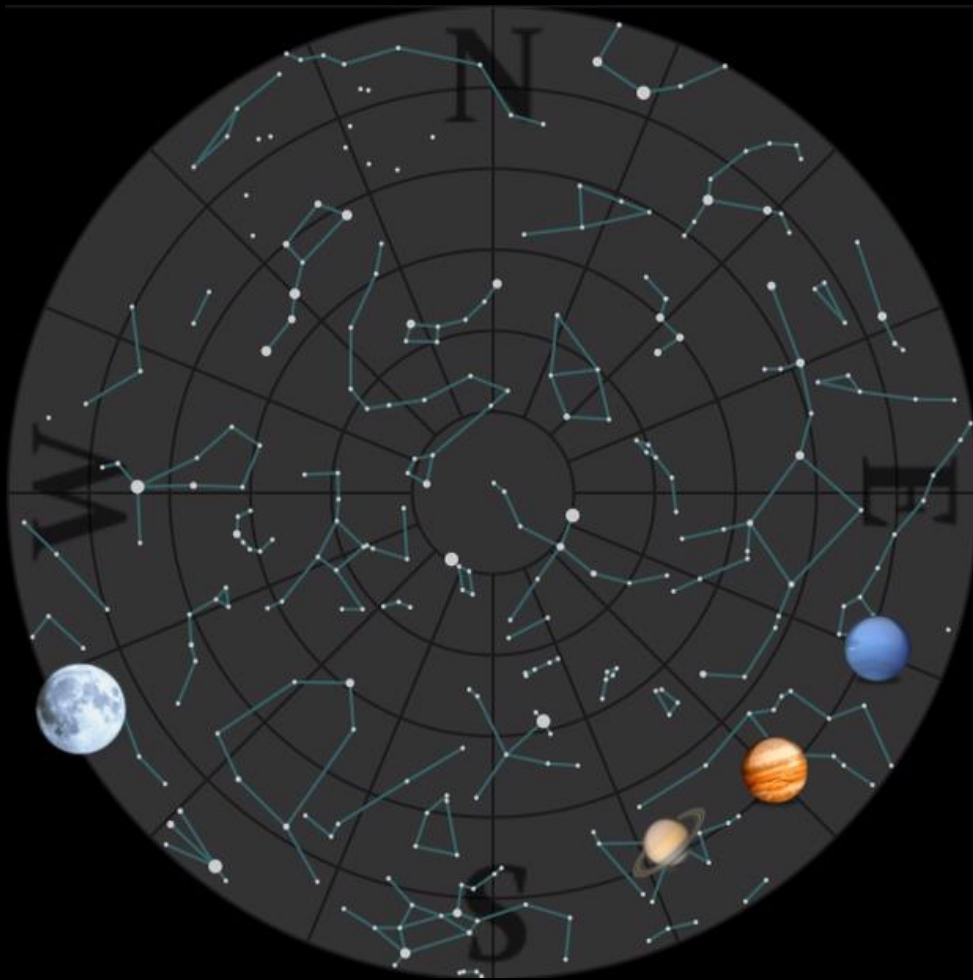
2021 May 24 to June 28

Bill Barton, FRAS

•The Sky 21:00
Tonight







•The Sky 04:00
Tomorrow



Inner Solar System

- Sun
 - Declination increasing, solstice June 21, aphelion July 05
- Mercury
 - In evening sky, greatest eastern elongation May 17 (22°)
 - Inferior conjunction June 11
 - Then in morning sky, greatest western elongation July 04 (22°)
 - Today, rise 07:45 transit 16:05, set 00:30
- Venus
 - Superior conjunction was on March 26, current elongation 8°
 - In the evening sky with greatest eastern elongation October 29 (47°)
 - Today, rise 05:30, transit 13:55, set 22:15

Earth

- Time
 - 00:00UT \approx 16:10ST today
 - Today, sunrise 04:50, transit 12:55, sunset 20:55
 - End of period, sunrise 04:35, transit 13:00, sunset 21:20
- Moon
 -  Full, 26 (Milk or Flower Moon), June 24 (Mead or Strawberry Moon)
 -  Last Quarter, 02
 -  New, 10
 -  First Quarter, 18
- Meteors
 - η Aquarids, April 19-May 28, ZHR at max 40

Eclipses

- Lunar
 - May 26
 - 09:44-12:52UT
 - Total, but not visible from UK
 - Also a 'Super Moon'
- Solar
 - June 10
 - 09:08-11:22UT
 - Annular over the Arctic & 20.0% obscuration over London

Occultations

- Lunar
 - θ Ophiuchi mag 3.3, 23/4 June
 - Disappearance dark limb 23:14 (UT), reappearance bright limb 00:15 (UT)

Outer Solar System

- Mars
 - Solar conjunction October 8. Today, rise 07:45, transit 16:05, set 00:30
- Jupiter
 - Opposition August 20. Today, rise 02:00, transit 07:00, set 12:00
- Saturn
 - Opposition August 2. Today, rise 01:25, transit 06:00, set 10:20
- Uranus
 - Solar conjunction April 30, opposition November 4. Today, rise 04:00, transit 11:25, set 18:50
- Neptune
 - Opposition September 14. Today, rise 02:40, transit 08:25, set 14:10

OASI Events

- Post COVID-19 lockdown test event
 - Observe the 2021 June 10 partial solar eclipse
 - Weather dependant event at Newbourne Village Hall
- As the virus is still around ALL of the following conditions will apply
 - Booking essential as numbers will be limited to 30 attendees
 - Bring your telescope ~ no sharing of equipment

Societies Events

- Physical Events Cancelled or Postponed due to Coronavirus
- Virtual Meetings or Webinars