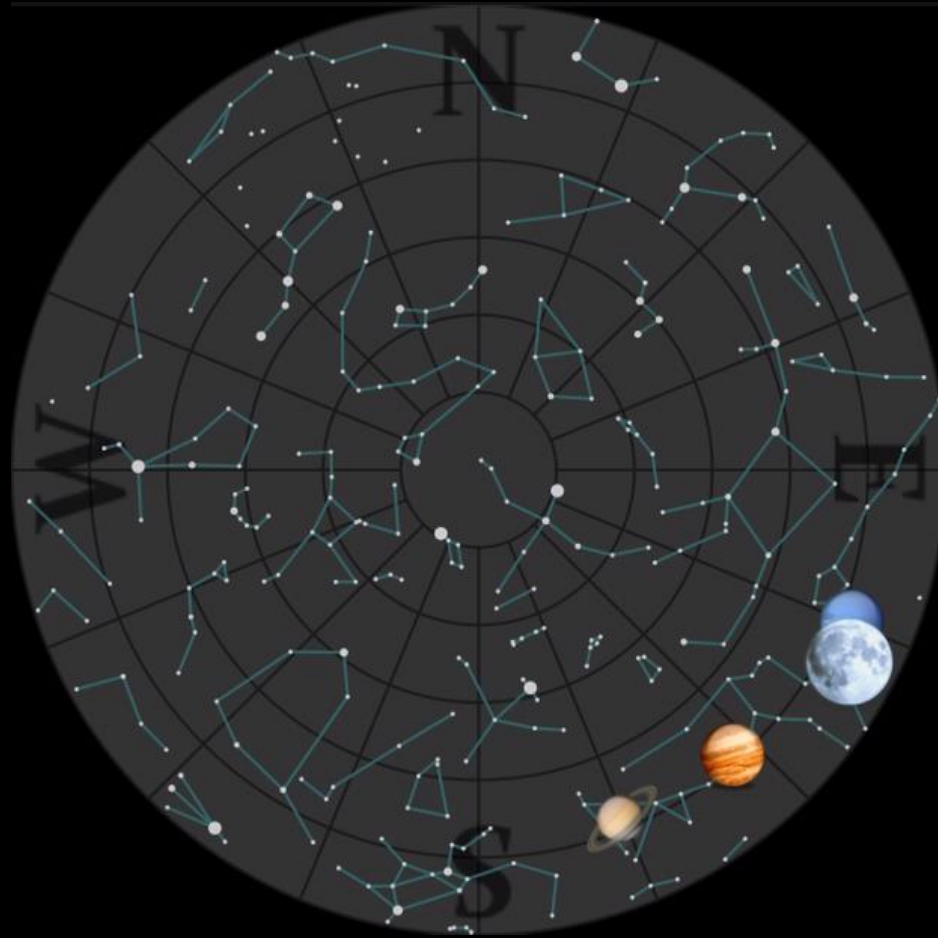


What's Up?

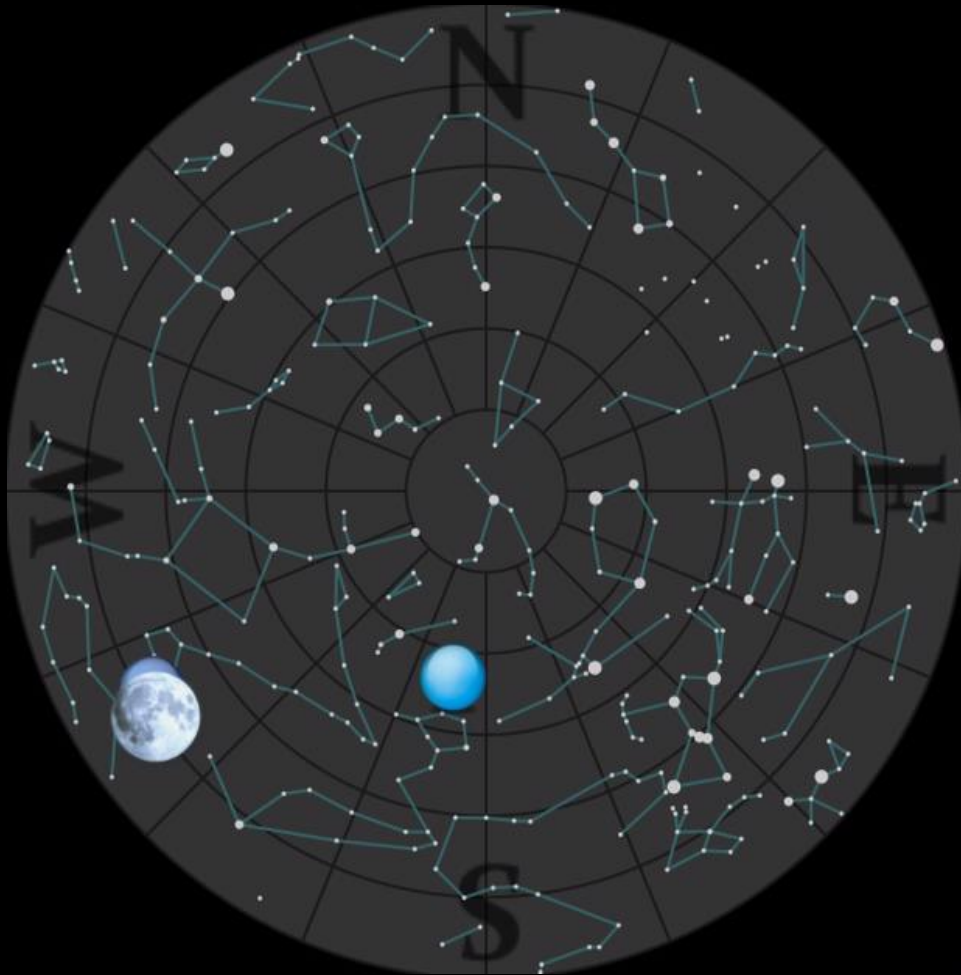
2021 August 23 to September 27

Bill Barton, FRAS

•The Sky 22:00
Tonight







- The Sky 06:00
Tomorrow



Inner Solar System

- Sun
 - Declination decreasing, equinox Sept. 22, solstice Dec. 21
- Mercury
 - In evening sky, greatest eastern elongation Sept. 14 (27°)
 - Today, rise 07:40, transit 14:10, set 20:40
- Venus
 - Superior conjunction was on March 26, current elongation 38°
 - In the evening sky with greatest eastern elongation October 29 (47°)
 - Inferior conjunction 2022 Jan. 09
 - Today, rise 09:25, transit 15:15, set 21:05

Earth

- Time
 - 00:00UT \approx 22:00ST today
 - Today, sunrise 05:50, transit 13:00, sunset 20:05
 - End of period, sunrise 06:50, transit 12:45, sunset 18:45
- Moon
 -  Last Quarter, 30
 -  New, Sept. 07
 -  First Quarter, 13
 -  Full, 20 (Harvest Moon)
- Meteors
 - No specific showers

Occultations

- Lunar
 - ϵ Geminorum, mag. 3.1, Sept. 02, RD 01:02UT
 - κ Geminorum, mag 3.6, Sept. 03, DB 02:39UT, RD 03:35UT

Outer Solar System

- Mars
 - Solar conjunction Oct. 8. Today, rise 07:15, transit 13:55, set 20:35
- Jupiter
 - Opposition Aug. 20. Today, rise 20:00, transit 00:50, set 05:40
- Saturn
 - Opposition Aug. 2. Today, rise 19:10, transit 23:30, set 03:50
- Uranus
 - Opposition Nov. 4. Today, rise 22:10, transit 05:40, set 13:10
- Neptune
 - Opposition Sept. 14. Today, rise 20:45, transit 02:25, set 08:05

OASI Events

- Some online/some physical



the
MOON

meet our nearest neighbour

IPSWICH ART GALLERY

31 JULY – 10 OCTOBER 2021

Societies Events

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