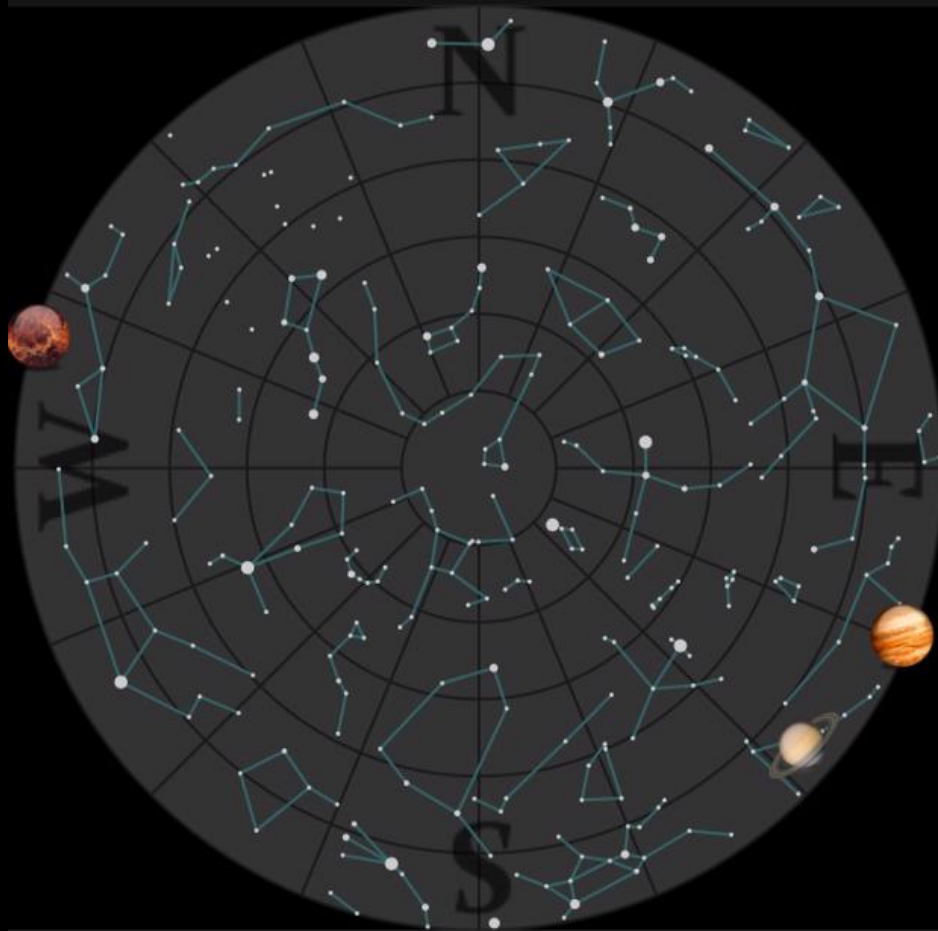


What's Up?

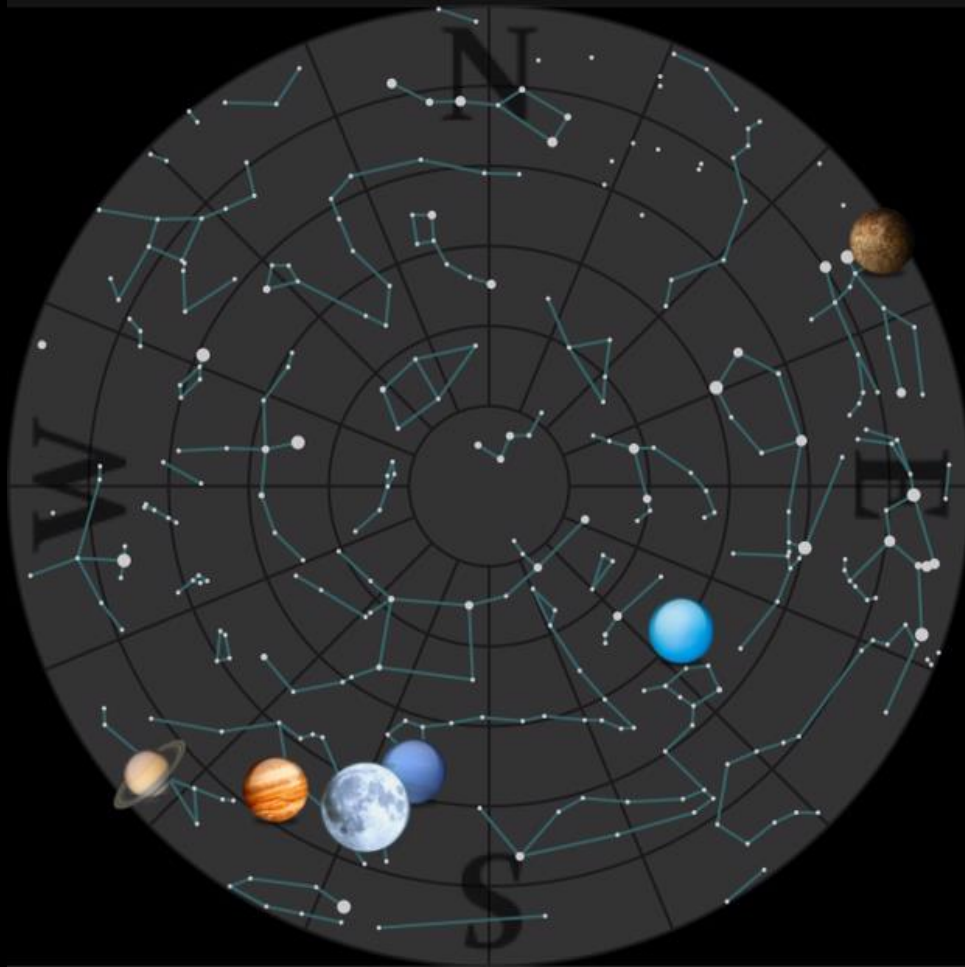
2021 July 26 to August 23

Bill Barton, FRAS

•The Sky 22:00
Tonight







•The Sky 05:00
Tomorrow



Inner Solar System

- Sun
 - Declination decreasing, equinox September 22
- Mercury
 - In morning sky, greatest western elongation July 04 (22°)
 - Superior conjunction August 01
 - Then in evening sky, greatest eastern elongation Sept. 14 (27°)
 - Today, rise 04:20, transit 12:30, set 20:40
- Venus
 - Superior conjunction was on March 26, current elongation 31°
 - In the evening sky with greatest eastern elongation October 29 (47°)
 - Today, rise 08:00, transit 15:05, set 22:10

Earth

- Time
 - 00:00UT \approx 20:00ST today
 - Today, sunrise 05:10, transit 13:00, sunset 20:55
 - End of period, sunrise 05:50, transit 13:00, sunset 20:05
 - Dog Days (until mid August)
- Moon
 -  Last Quarter, 31
 -  New, August 08
 -  First Quarter, 15
 -  Full, 22 (Sturgeon or Grain Moon)
- Meteors
 - Perseid Shower peaks on August 12, ZHR 80+

Occultations

- None this period

Outer Solar System

- Mars
 - Solar conjunction October 8. Today, rise 07:20, transit 14:40, set 21:50
- Jupiter
 - Opposition August 20. Today, rise 21:50, transit 02:50, set 07:50
- Saturn
 - Opposition August 2. Today, rise 21:15, transit 01:40, set 06:00
- Uranus
 - Opposition November 4. Today, rise 00:00, transit 07:30, set 15:00
- Neptune
 - Opposition September 14. Today, rise 22:30, transit 04:15, set 10:00

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