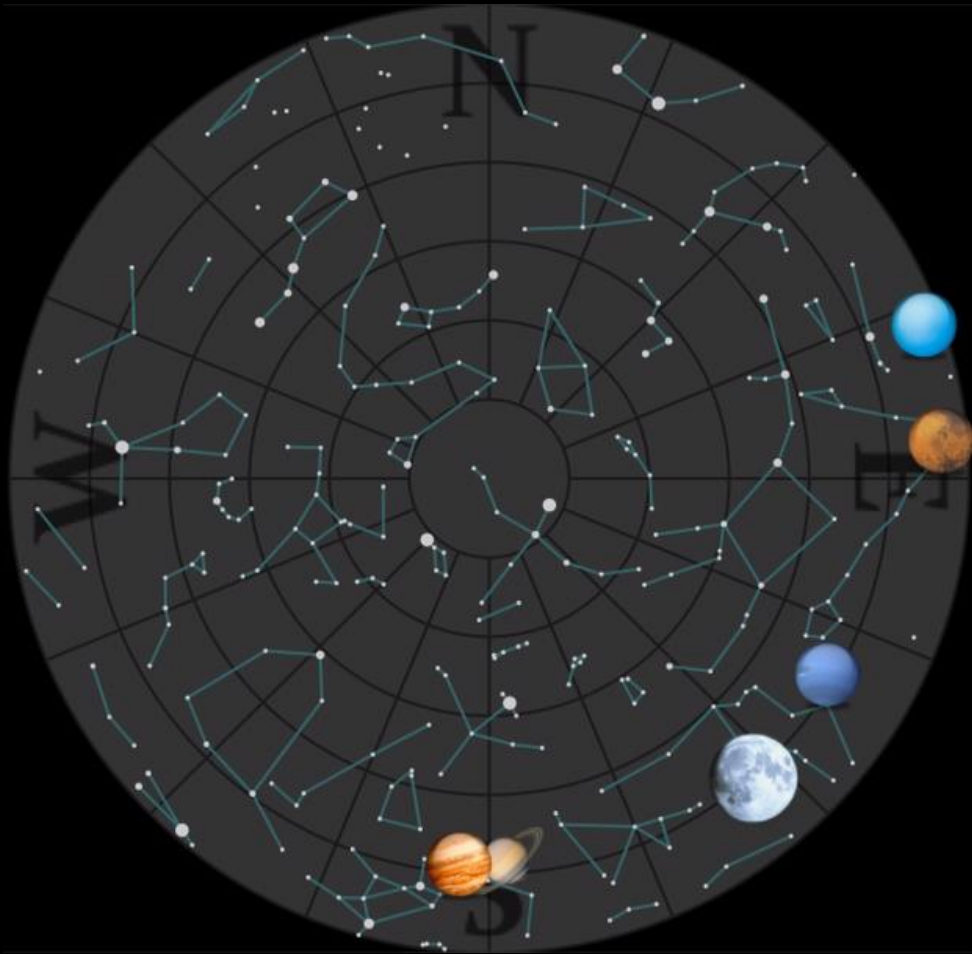


What's Up?

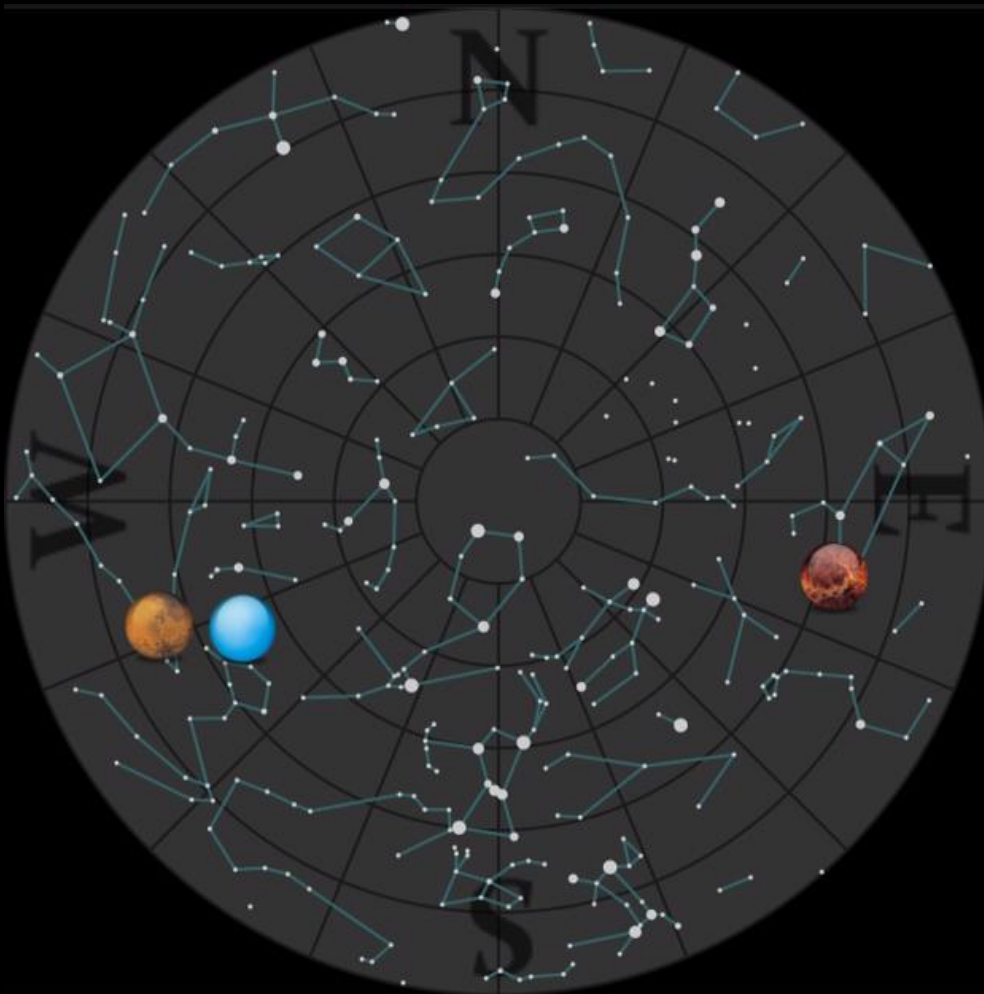
2020 September 28 to October 26

Bill Barton, FRAS

•The Sky 20:00
Tonight




•The Sky 06:00
Tomorrow



Inner Solar System

- Sun
 - Declination decreasing, Equinox September 22, Solstice December 21
- Mercury
 - Superior conjunction was on August 17
 - In evening sky, greatest eastern elongation October 1 (26°)
 - Today, rise 09:25, transit 14:15, set 19:05
- Venus
 - In morning sky, greatest western elongation August 13 (46°)
 - Today, rise 02:55, transit 10:10, set 17:25

Earth

- Time
 - 00:00UT \approx 00:30ST today
 - BST ends 02:00 Sunday 25 October
 - Today, sunrise 06:55, transit 12:45, sunset 18:40 (BST)
 - End of period, sunrise 06:40, transit 11:35, sunset 16:35 (UT)
- Moon
 -  Full, 01 (Harvest Moon)
 -  Last Quarter, 10
 -  New, 16
 -  First Quarter, 23
- Meteors
 - only sporadic activity this period

Occultations

- Lunar
 - λ Sagittarii ('lid star'), mag 2.8, DD, 21 October, 18:22

Outer Solar System

- Mars
 - Opposition October 13. Today, rise 19:30, transit 02:10, set 08:45
- Jupiter
 - Opposition July 14. Today, rise 15:45, transit 19:40, set 23:35
- Saturn
 - Opposition July 20. Today, rise 16:10, transit 20:10, set 00:20
- Uranus
 - Opposition October 31. Today, rise 19:30, transit 03:00, set 10:15
- Neptune
 - Opposition September 11. Today, rise 18:10, transit 23:45, set 05:25

OASI Events

- New series of web-based (Zoom) lectures
- Friday 2 October 2020, 8:00pm
 - Storm Chasing
 - Chris Bell
- Friday 23 October 2020, 8:00pm
 - Brown Dwarfs: Linking Stars and Planets
 - Dr Sonali Shukla

Societies Events

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