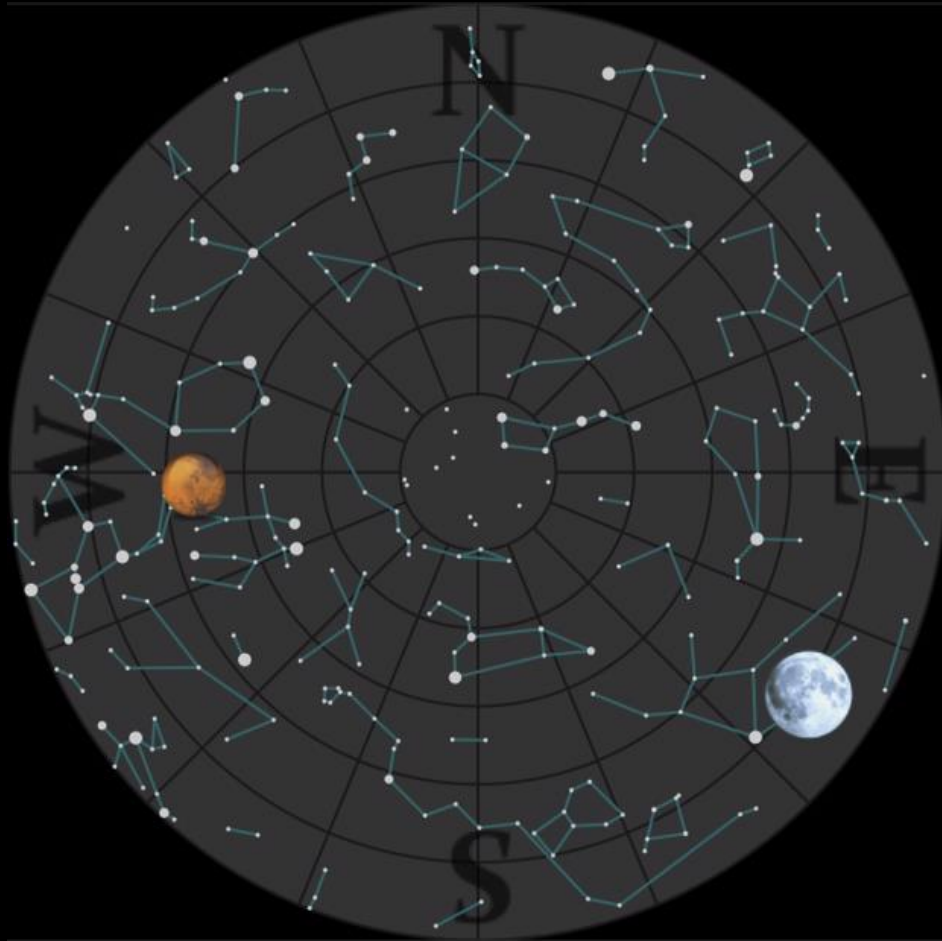


What's Up?

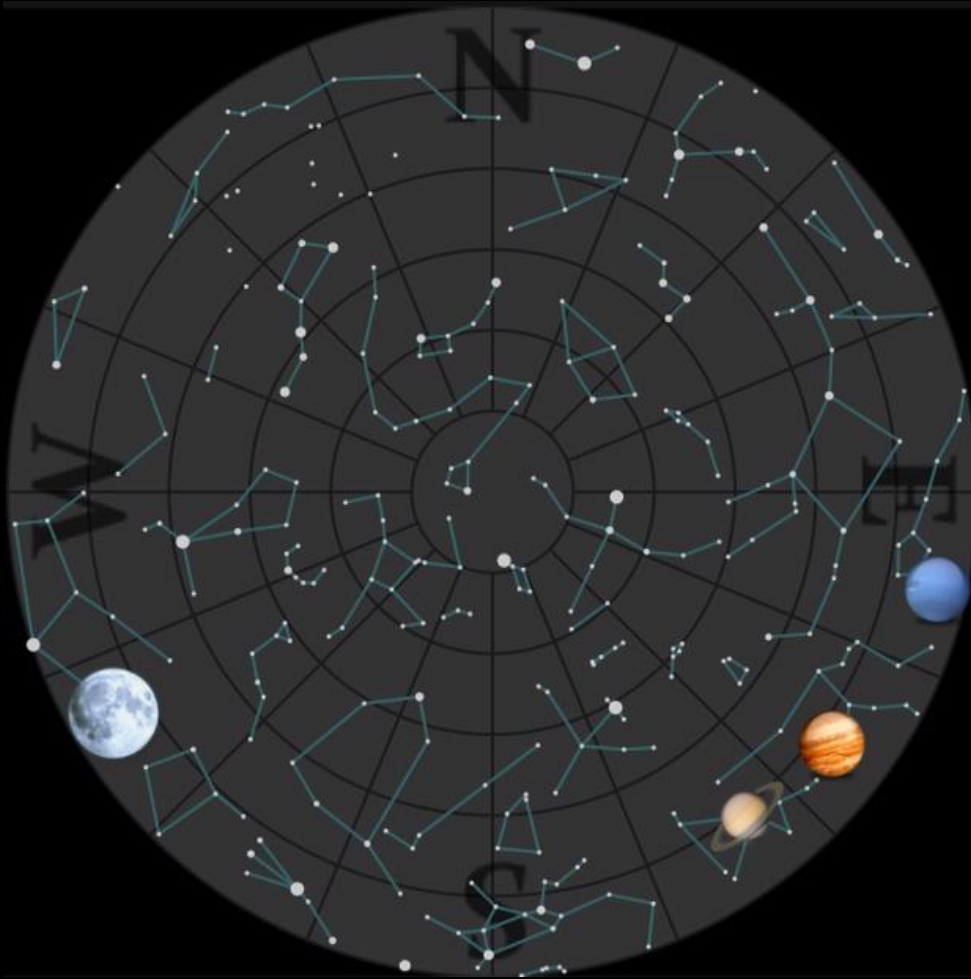
2021 April 26 to May 24

Bill Barton, FRAS

•The Sky 21:00
Tonight







•The Sky 05:00
Tomorrow



Inner Solar System

- Sun
 - Declination increasing, solstice June 21, aphelion July 05
- Mercury
 - Superior conjunction was on April 19, current elongation 7°
 - In evening sky, greatest eastern elongation May 17 (22°)
 - One of the best observing opportunities of this year
 - Today, rise 05:50, transit 13:20, set 20:55
- Venus
 - Superior conjunction was on March 26, current elongation 8°
 - In the evening sky with greatest eastern elongation October 29 (47°)
 - Today, rise 06:00, transit 13:20, set 20:50

Earth

- Time
 - 00:00UT \approx 14:15ST today
 - Today, sunrise 05:35, transit 12:55, sunset 20:15
 - End of period, sunrise 04:50, transit 12:50, sunset 21:00
- Moon
 -  Full, 27 (Seed or sprouting grass Moon)
 -  Last Quarter, 03
 -  New, 11
 -  First Quarter, 19
- Meteors
 - η Aquarids, April 19-May 28, ZHR at max 40

Occultations

- Lunar
 - θ Ophiuchi mag 3.3, 30 April
 - Disappearance bright limb 01:46 (UT), reappearance dark limb 02:56 (UT)

 - ϵ Geminorum, mag 3.1, 15 May
 - Disappearance dark limb 22:37 (UT)

Outer Solar System

- Mars
 - Solar conjunction October 8. Today, rise 08:10, transit 16:40, set 01:15
- Jupiter
 - Opposition August 20. Today, rise 03:45, transit 08:40, set 13:30
- Saturn
 - Opposition August 2. Today, rise 03:10, transit 07:40, set 12:10
- Uranus
 - Solar conjunction April 30, opposition November 4. Today, rise 05:50, transit 13:10, set 20:30
- Neptune
 - Opposition September 14. Today, rise 04:30, transit 10:15, set 15:50

OASI Events

- Only routine meetings

Societies Events

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