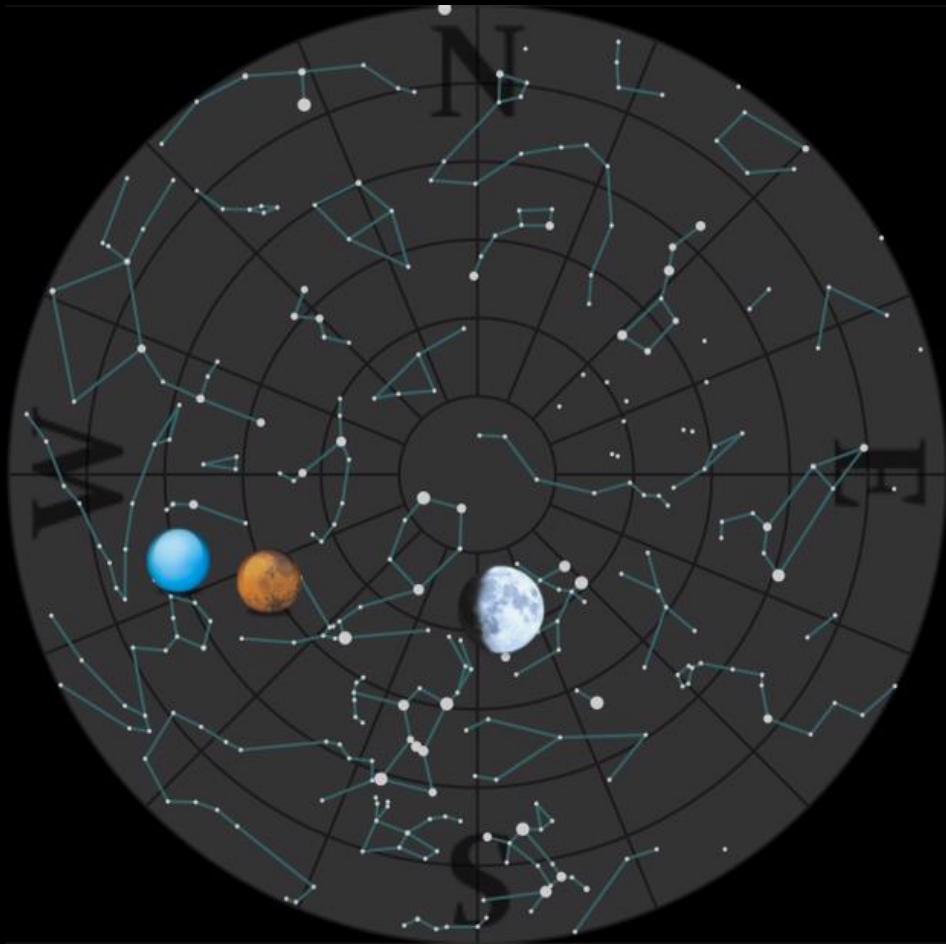


# What's Up?

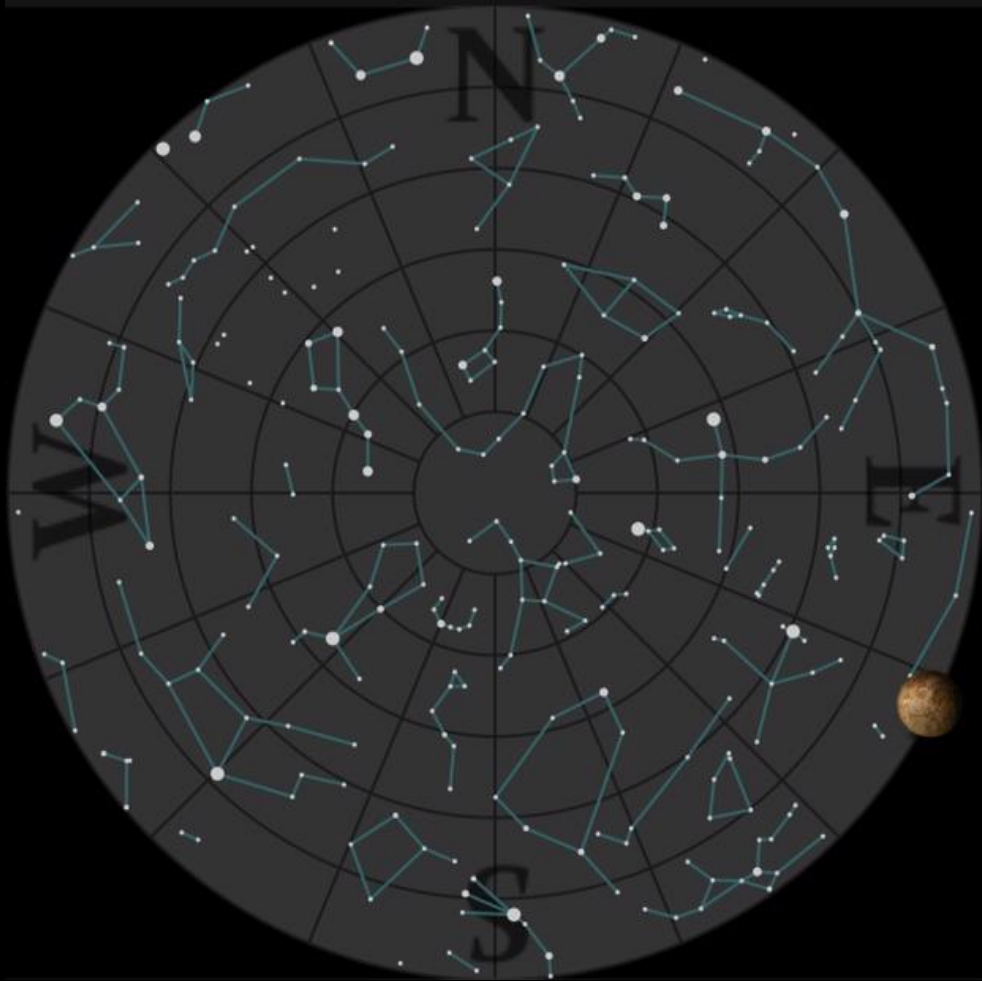
2021 February 22 to March 22

Bill Barton, FRAS

•The Sky 20:00  
Tonight







•The Sky 07:00  
Tomorrow



# Inner Solar System

- Sun
  - Declination increasing, equinox March 20, aphelion July 05
- Mercury
  - In morning sky, greatest western elongation March 06 ( $27^\circ$  )
  - Superior conjunction on April 19
  - Today, rise 06:00, transit 10:35, set 15:20
- Venus
  - In morning sky, superior conjunction March 26
  - Then in the evening sky with greatest eastern elongation October 29 ( $47^\circ$  )
  - Today, rise 06:50, transit 11:40, set 16:30

# Earth

- Time
  - 00:00UT  $\approx$  10:10ST today
  - Today, sunrise 07:00, transit 12:05, sunset 17:20
  - End of period, sunrise 05:55, transit 12:00, sunset 18:05
- Moon
  -  Full, 27 (Snow or Hunger Moon)
  -  Last Quarter, 06
  -  New, 13
  -  First Quarter, 21
- Meteors
  - only sporadic activity this period

# Occultations

- Lunar
  - 5 March,  $\omega^1$  &  $\omega^2$  Scorpio, mag 3.9 & 4.3
  - Disappearance at bright limb at 04:29 & 04:53
  - Reappearance at dark limb at 05:35 & 06:07

# Outer Solar System

- Mars
  - Solar conjunction October 8. Today, rise 09:15, transit 17:10, set 01:10
- Jupiter
  - Solar conjunction January 29, opposition August 20. Today, rise 06:25, transit 10:50, set 15:25
- Saturn
  - Solar conjunction January 24, opposition August 2. Today, rise 06:05, transit 10:25, set 14:45
- Uranus
  - Solar conjunction April 30, opposition November 4. Today, rise 08:50, transit 16:00, set 23:20
- Neptune
  - Solar conjunction March 11, opposition September 14. Today, rise 07:30, transit 13:10, set 18:45

# OASI Events

- Only routine meetings



# Societies Events

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