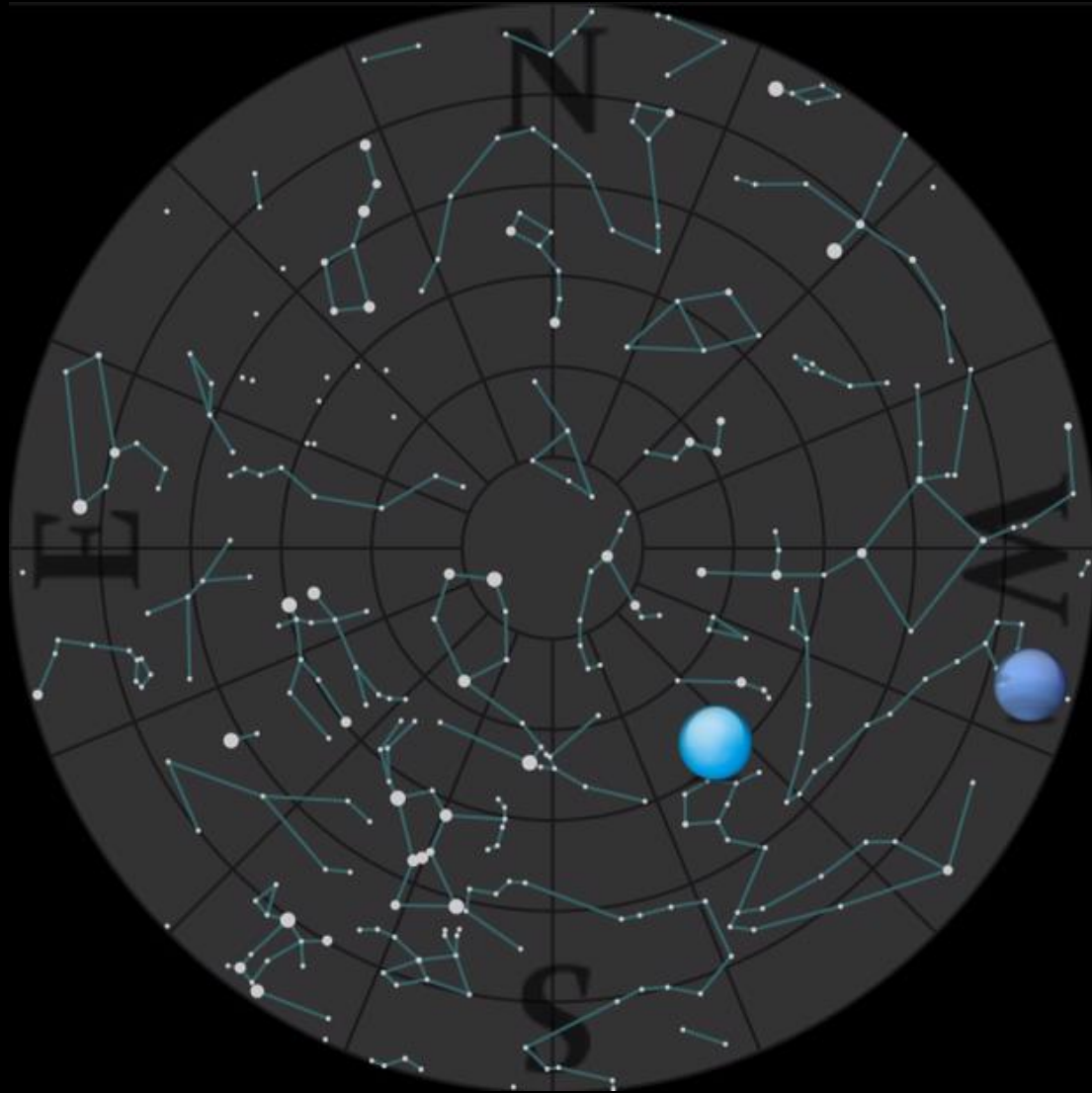


# What's Up?

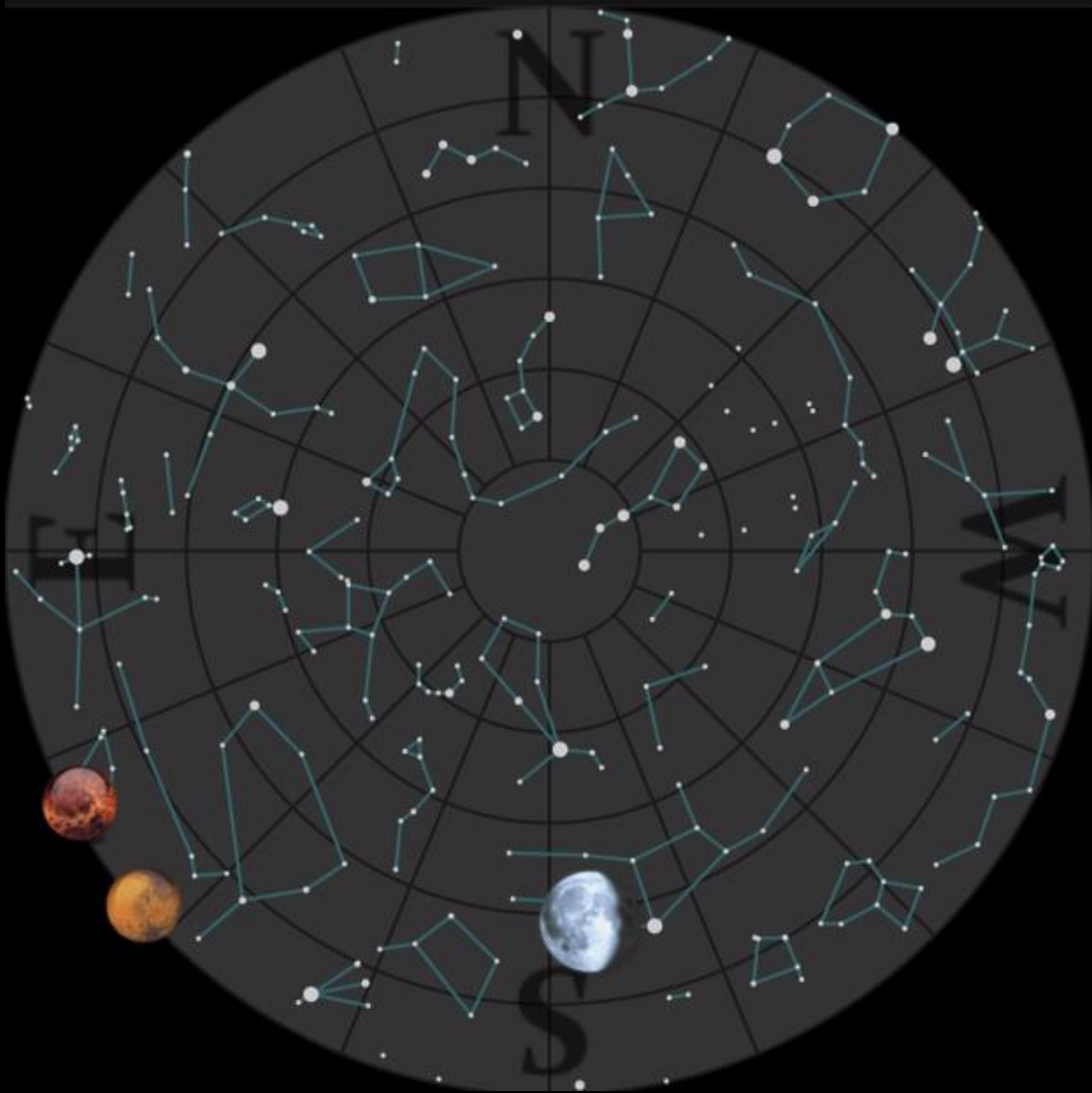
2022 January 24 to February 28

Bill Barton, FRAS

•The Sky 21:00  
Tonight







•The Sky 07:00  
Tomorrow



# Inner Solar System

- Sun
  - Declination increasing, equinox on Mar. 20
- Mercury
  - Inferior conjunction Jan. 23
  - In morning sky, greatest elongation Feb. 16 ( $26^\circ$  ), currently  $5^\circ$
  - Today, rise 07:10, transit 11:45, set 16:20
- Venus
  - In morning sky greatest elongation Mar. 20 ( $47^\circ$  ), currently  $25^\circ$
  - Today, rise 05:45, transit 10:20, set 15:00

# Earth

- Time
  - 00:00UT  $\approx$  08:15ST today
  - Today, sunrise 07:45, transit 12:05, sunset 16:30
  - End of period, sunrise 06:40, transit 12:05, sunset 17:30
- Moon
  -  Last Quarter, Jan. 25, Feb. 23
  -  New, Feb. 01
  -  First Quarter, Feb. 08
  -  Full, Feb. 16
- Meteors
  - None to speak of this period

# Occultations

- Lunar
  - $\alpha$  Libræ (Zubenelgenubi) mag. 2.8, Jan. 26, DB 05:37, RD 06:48

# Outer Solar System

- Mars
  - Opposition Dec. 08. Today, rise 05:50, transit 09:40, set 13:25
- Jupiter
  - Conjunction Mar. 05. Opposition Sept. 26. Today, rise 09:00, transit 14:10, set 19:15
- Saturn
  - Conjunction Feb. 04. Opposition Aug. 04. Today, rise 08:20, transit 12:50, set 17:15
- Uranus
  - Conjunction May 05, Opposition Nov. 09. Today, rise 10:45, transit 18:10, set 01:30
- Neptune
  - Conjunction Mar. 13. Opposition Sept. 16. Today, rise 09:30, transit 15:05, set 20:50

# OASI Events

- Friday January 28, 8:00pm
  - Dame Jocelyn Bell Burnell, “Bursts, Bangs, and Thing that go Bump in the Night: Transient Astronomy”, Zoom
- Friday February 11, 8:00pm
  - Prof Emily Levesque, “The Last Stargazers - The Changing Nature of Professional Stargazing”, Zoom
- Friday February 18, 8:00pm
  - Committee Meeting, Zoom



# Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
  - Jan. 30, Observing Meeting
  - Feb. 13, Lecture Meeting, Dr Steve Hubbard/ David Partridge, “Exoplanets and Life in our Galaxy”
  - Feb. 27, Observing Meeting
- LYRA (Parkhill Hotel, Oulton, 7:30pm, Tuesdays)
  - Feb. 8, Bill Barton, “Mandolins and Meteors”
- AAA (Whepstead Community Centre, 7:30pm, Wednesdays)
  - Feb. 2, Constellation Gemini
  - Feb. 16, Deep sky objects based on Gemini

# National Societies Events

- SPA
  - Jan. 29, 2:00pm, online AGM (SPA members only), followed by Prof Geraint Jones (UCL-MSSL), “Comet Interceptor Mission”
- BAA
  - Feb. 16, 7:00pm, webinar, Eric Walker (Highland Astronomical Soc.) "All Things All Sky"
- CPRE Star Count 2022
  - Feb. 26 to Mar. 06, count stars within ‘rectangle’ of Orion as an ongoing measure of light pollution