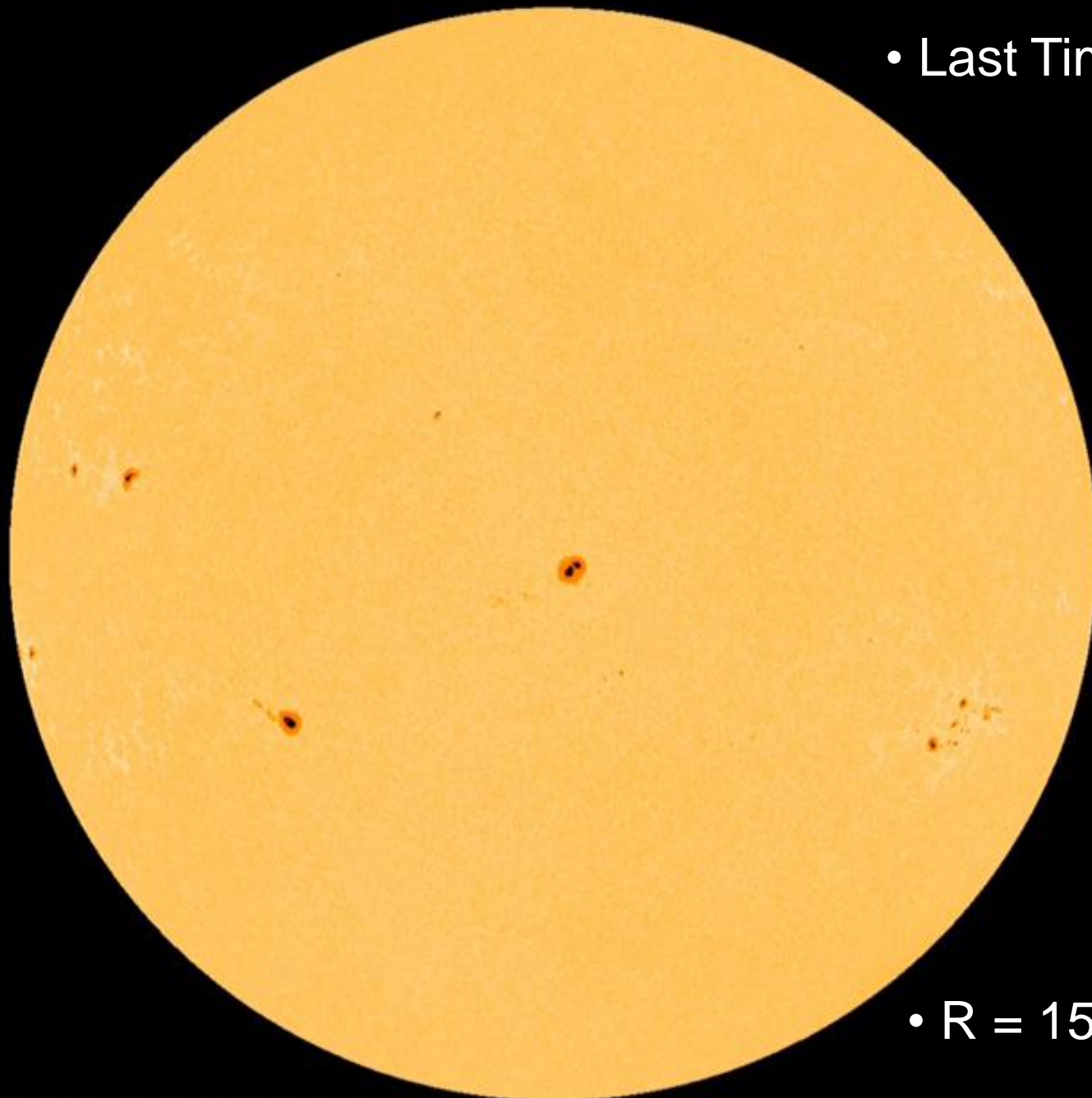


What's Up?

2024 February 26 to March 25

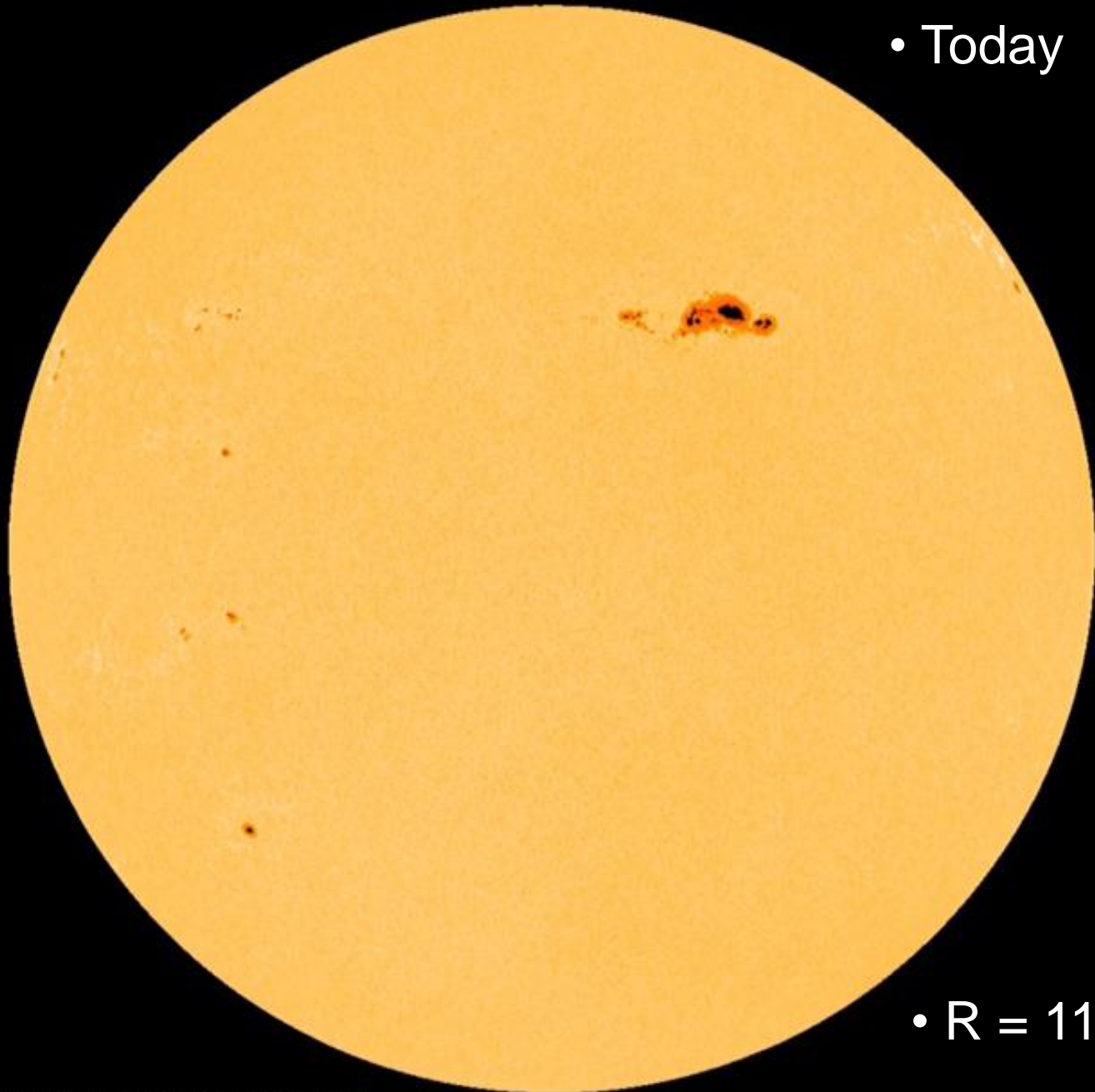
Bill Barton, FRAS

• Last Time



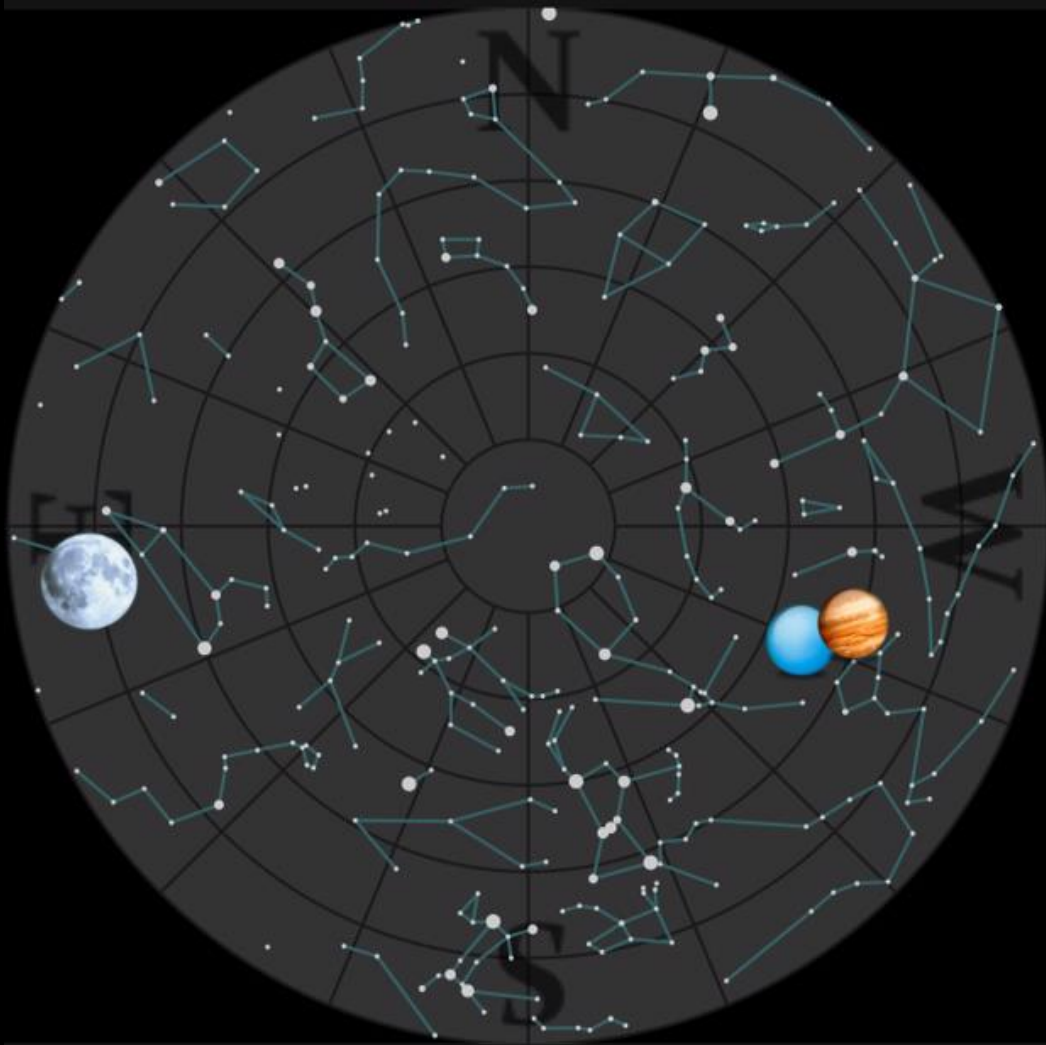
• $R = 150$

• Today

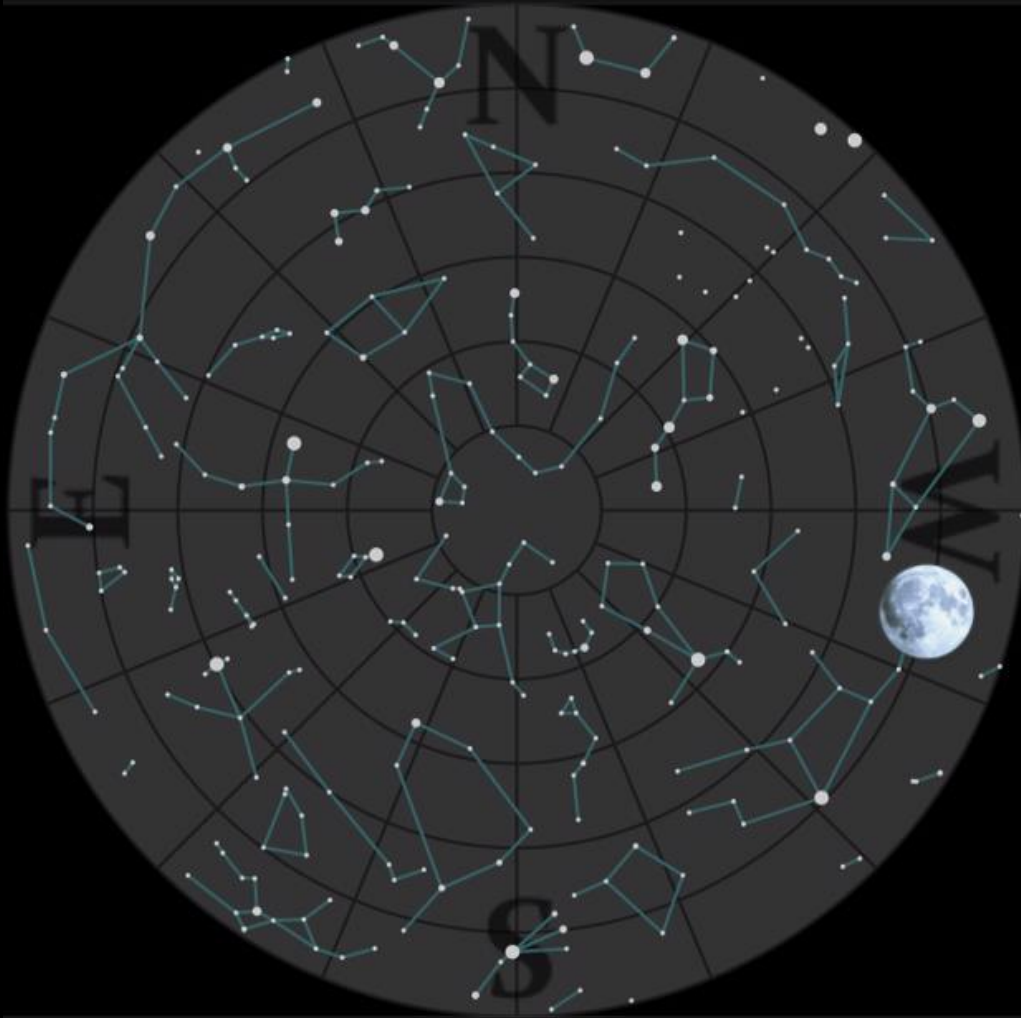


• R = 114

- The Sky 20:00
Tonight







- The Sky 06:00
Tomorrow



Inner Solar System

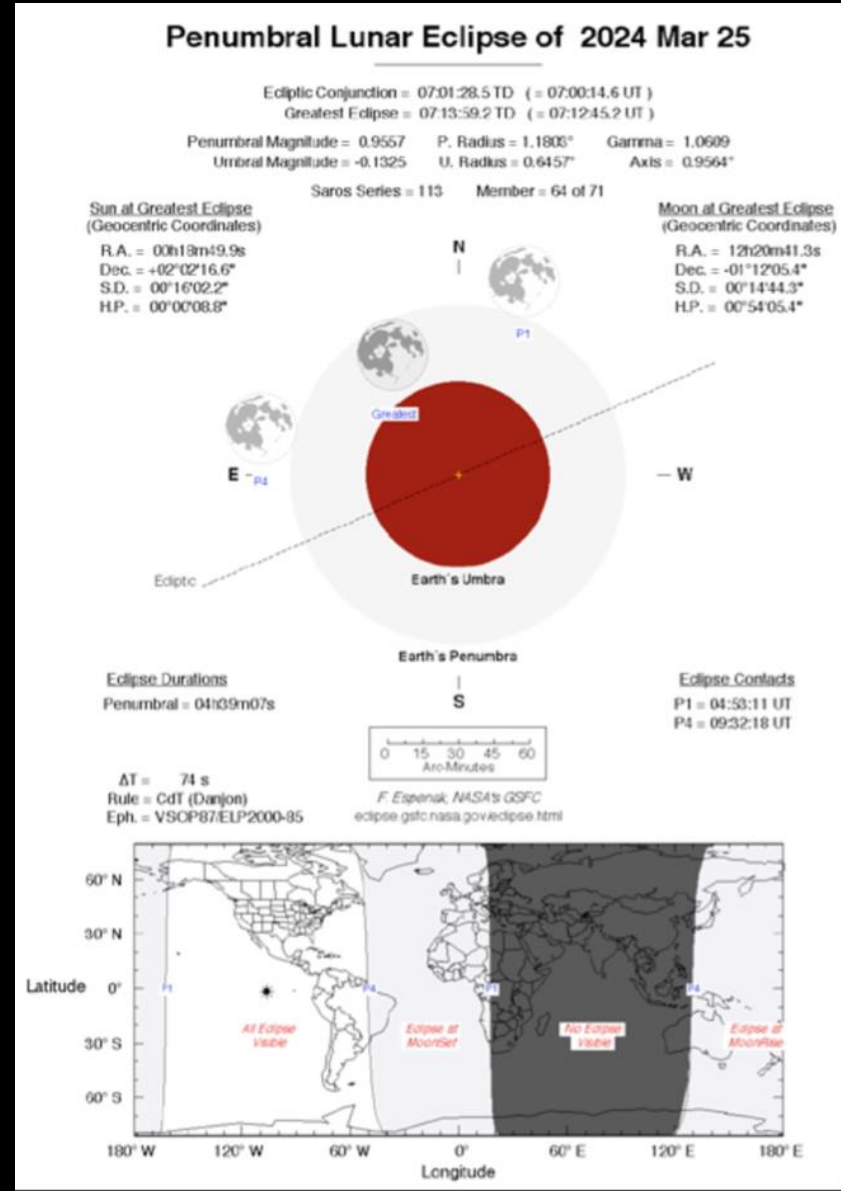
- Sun
 - Declination increasing, equinox Mar. 20
 - Last sunspot min., Apr. 2020, next max., early-mid 2024?
- Mercury
 - In morning sky, current elongation 3° , mag -1.5
 - Superior conjunction (farside of Sun), Feb. 28
 - Then in the evening sky, greatest elongation Mar. 24 (19°)
 - Today, rise 07:00, transit 12:00, set 17:00
- Venus
 - In morning sky, greatest elongation Oct. 23, 2023 (46°), currently 25°
 - Superior conjunction, Jun. 04
 - today, rise 06:00, transit 10:30, set 15:00

Earth

- Time
 - 00:00UT \approx 10:20ST today
 - Today, sunrise 06:45, transit 12:05, sunset 17:30
 - End of period, sunrise 05:45, transit 12:05, sunset 18:15
 - BST starts, 01:00 Mar. 31
- Moon
 -  Last Quarter, Mar. 03
 -  New, Mar. 10
 -  First Quarter, Mar. 17
 -  Full, Mar. 25 ('Worm' or 'Sap' Moon) + eclipse
- Meteors
 - None of note this period

Eclipse

- Penumbral Lunar
 - Mar. 25
 - Moonrise, 17:30 (Mar. 24)
 - Eclipse start, 04:53
 - Sunrise, 05:45
 - Moonset, 06:05
 - Greatest eclipse, 07:14
 - Eclipse end, 09:32



Occultations

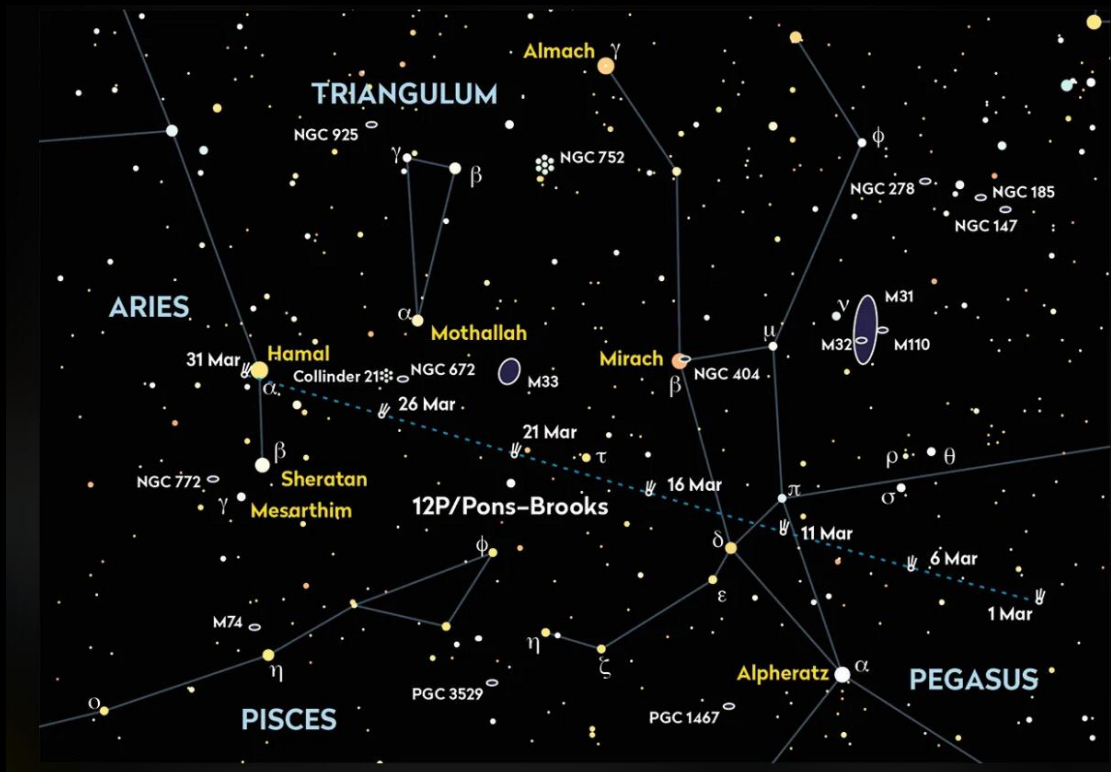
- Moon
 - σ Leonis, mag 4.1, Mar. 23
 - disappearance, dark limb, 21:10
 - reappearance, bright limb, 21:50

Outer Solar System

- Mars
 - Conjunction 2023 Nov. 18. Opposition 2025 Jan. 16. Today, rise 06:00, transit 10:20, set 14:40
- Jupiter
 - Conjunction May 18. Opposition Dec. 07. Today, rise 08:45, transit 16:00, set 23:20
- Saturn
 - Conjunction Feb. 28. Opposition Sept. 08. Today, rise 07:00, transit 12:15, set 17:30
- Uranus
 - Conjunction May 13. Opposition Nov. 17. Today, rise 09:00, transit 16:40, set 00:15
- Neptune
 - Conjunction Mar. 17. Opposition Sept. 21. Today, rise 07:30, transit 13:20, set 19:10

Comet

- 12P/Pons-Brooks
 - Currently low in the West after sunset
 - Perihelion, Apr. 21
 - Perigee, Jun. 2, mag. 4.5?



OASI Events

- Zoom Meeting
 - 21 March, from 8:00pm

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - Mar. 10, observing session
 - Mar. 24, 'The Future of Astronomy', Paul Whiting
- LYRA (Parkhill Hotel, Oulton, 7:30pm, Tuesdays)
 - No information
- AAA (Whepstead Village Hall, 7:30pm, Wednesdays)
 - Feb. 28, Myths & Legends of the Sun + Kepler and the Laws of Planetary Motion
 - Mar. 13, Technology for Astronomy
- DAG (Diss)
 - Informal on FaceBook

Other Local Events

- The Night Sky Show, Adrain West
 - Ipswich Regent Theatre, 18:30, Saturday 2 March, tickets £30
- Institute of Astronomy, Cambridge
 - Open Afternoon, Saturday 16 March, 14:00-16:00

Advance Notice

- British Astronomical Association
 - Historical Section Meeting, Saturday May 18, 10:00-17:00, Museum Street Methodist Church
 - free booking now open