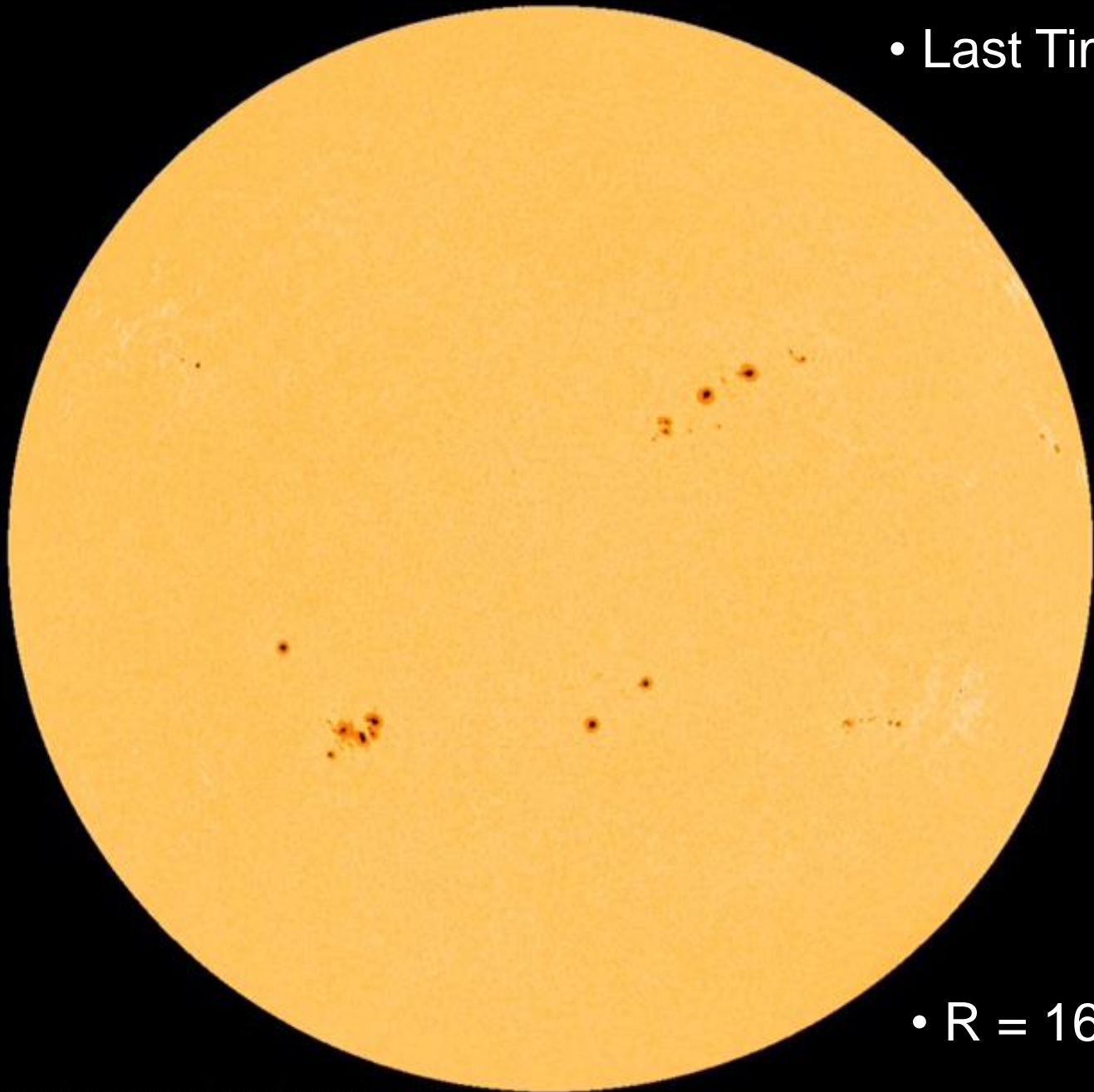


What's Up?

2024 January 22 to February 26

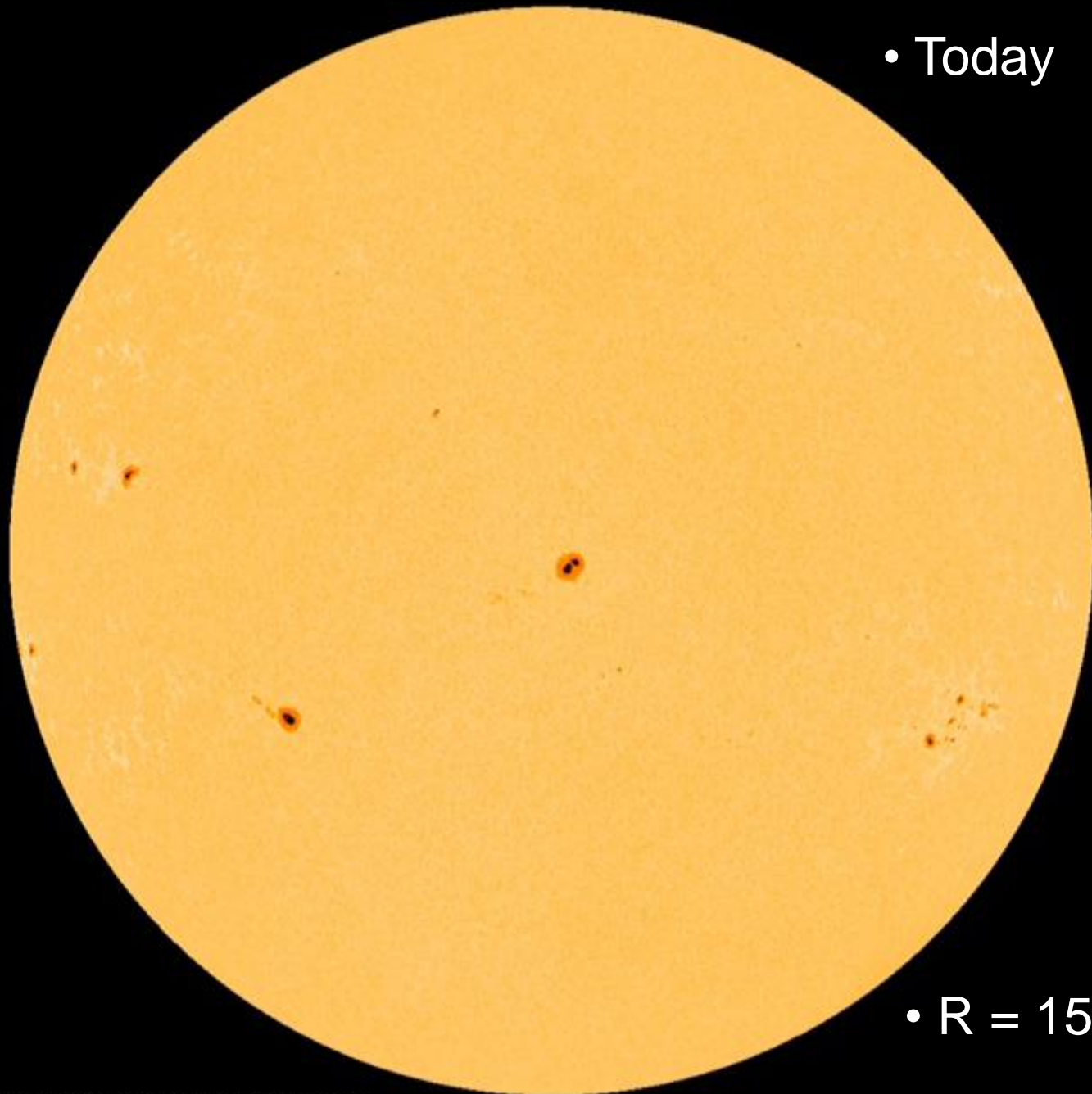
Bill Barton, FRAS

• Last Time



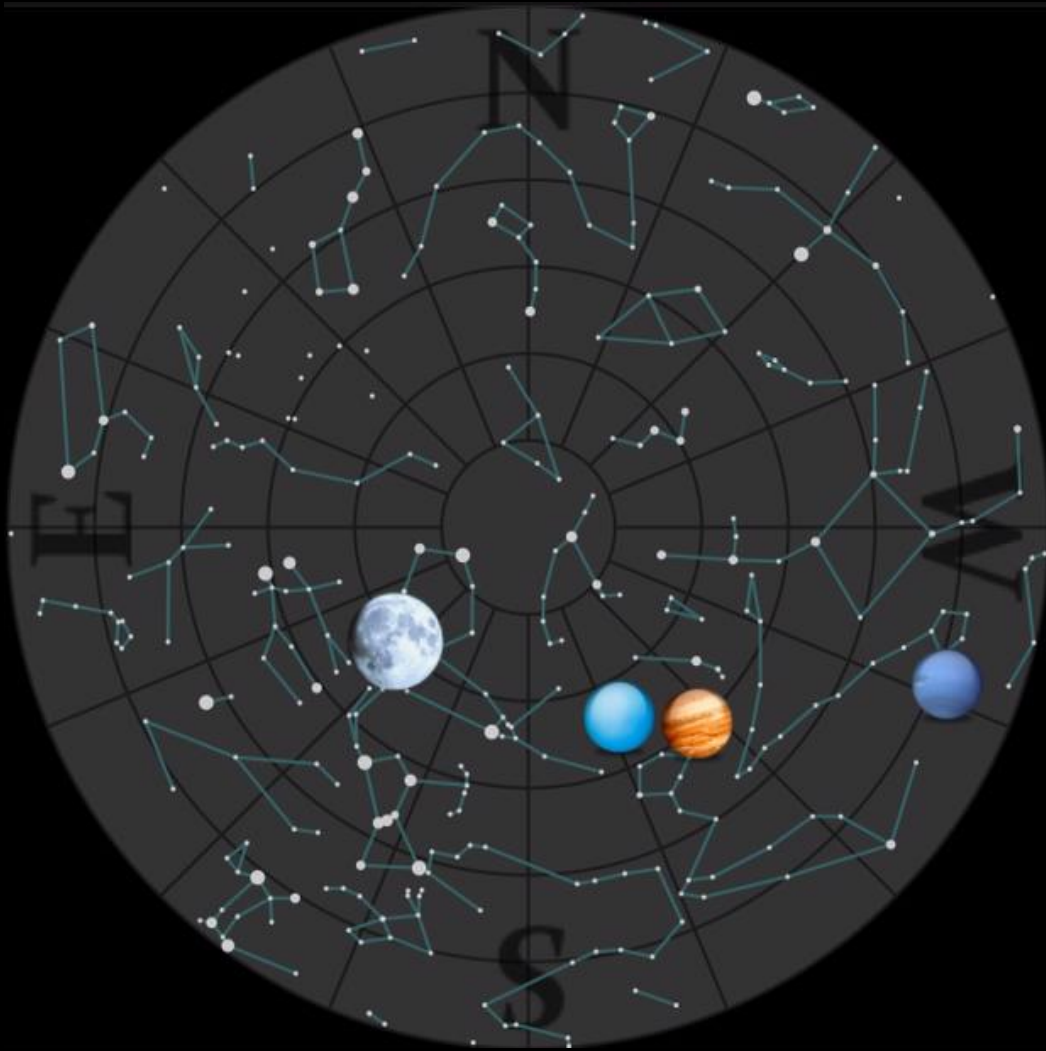
• R = 169

• Today

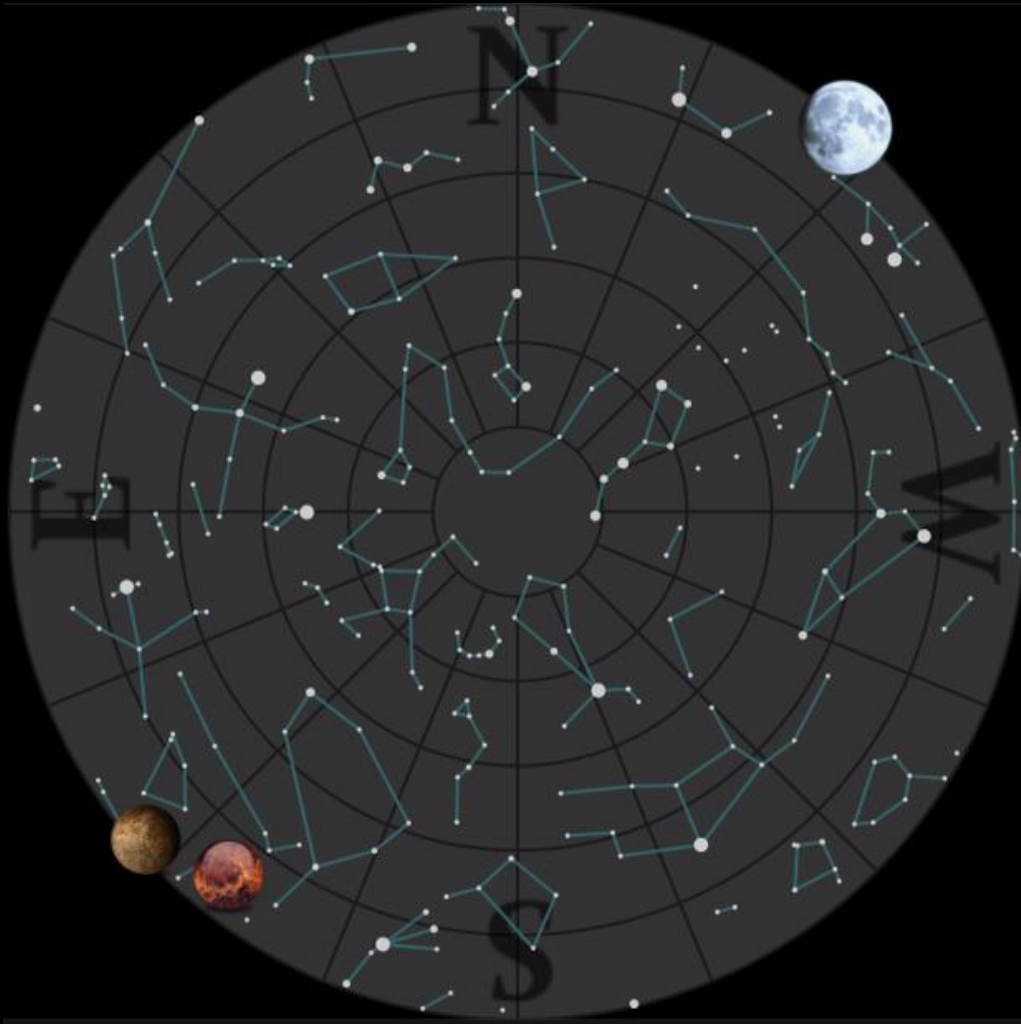


• $R = 150$

- The Sky 20:00
Tonight







- The Sky 07:00
Tomorrow



Inner Solar System

- Sun
 - Declination increasing, equinox Mar. 20
 - Last sunspot min., Apr. 2020, next max., early-mid 2024?
- Mercury
 - In morning sky, greatest elongation Jan. 12 (24°) currently 20° , mag -0.2 brightening (+5 to -2)
 - Superior conjunction (farside of Sun), Feb. 28
 - Today, rise 06:40, transit 10:30, set 14:25
- Venus
 - In morning sky, greatest elongation Oct. 23 (46°), currently 32°
 - Superior conjunction, Jun. 04
 - today, rise 05:45, transit 09:45, set 13:40

Earth

- Time
 - 00:00UT \approx 08:00ST today
 - Today, sunrise 07:45, transit 12:05, sunset 16:20
 - End of period, sunrise 06:45, transit 12:05, sunset 17:30
- Moon
 -  Full, 25 (Wolf or Old), Feb. 24 (Snow or Hunger)
 -  Last Quarter, Feb. 02
 -  New, Feb. 09
 -  First Quarter, Feb. 16
- Meteors
 - None of note this period

Outer Solar System

- Mars
 - Conjunction 2023 Nov. 18. Opposition 2025 Jan. 16. Today, rise 07:00, transit 10:45, set 14:35
- Jupiter
 - Conjunction May 18. Opposition Dec. 07. Today, rise 10:55, transit 18:05, set 01:10
- Saturn
 - Conjunction Feb. 28. Opposition Sept. 08. Today, rise 09:15, transit 14:20, set 19:25
- Uranus
 - Conjunction May 13. Opposition Nov. 17. Today, rise 11:15, transit 18:50, set 02:30
- Neptune
 - Conjunction March 17. Opposition Sept. 21. Today, rise 09:45, transit 15:30, set 21:20

OASI Events

- Monthly Zoom Meeting
 - Thur Feb. 15, 8:00pm

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - Jan. 28, 'Introduction to Spectroscopy', Chris Mead
 - Feb. 2/3, outreach event at Dunwich Coastguard cottages
 - advance booking required through National Trust
 - Feb. 11, observing session
 - Feb. 25, 'Creation of Elements', Ian Lomas
- LYRA (Parkhill Hotel, Oulton, 7:30pm, Tuesdays)
 - No information
- AAA (Whepstead Village Hall, 7:30pm, Wednesdays)
 - Jan. 31, Mystery Topic
 - Feb. 14, TBC

National Events

- Society for Popular Astronomy
 - Saturday Jan. 27, 14:00-17:30, AGM, Gustave Tuck Lecture Theatre, UCL, Gower St., London
 - Dr Emma Chapman, 'Tuning in to Primordial Stars'
 - Robin Scagell, 'Sky Notes'
 - Martin Lewis, 'Planetary Imaging and images of the night side of Venus'
- European Astrofest
 - Friday/Saturday Feb. 2/3, Kensington Conference Centre, Hornton Street, London, W8 7NX