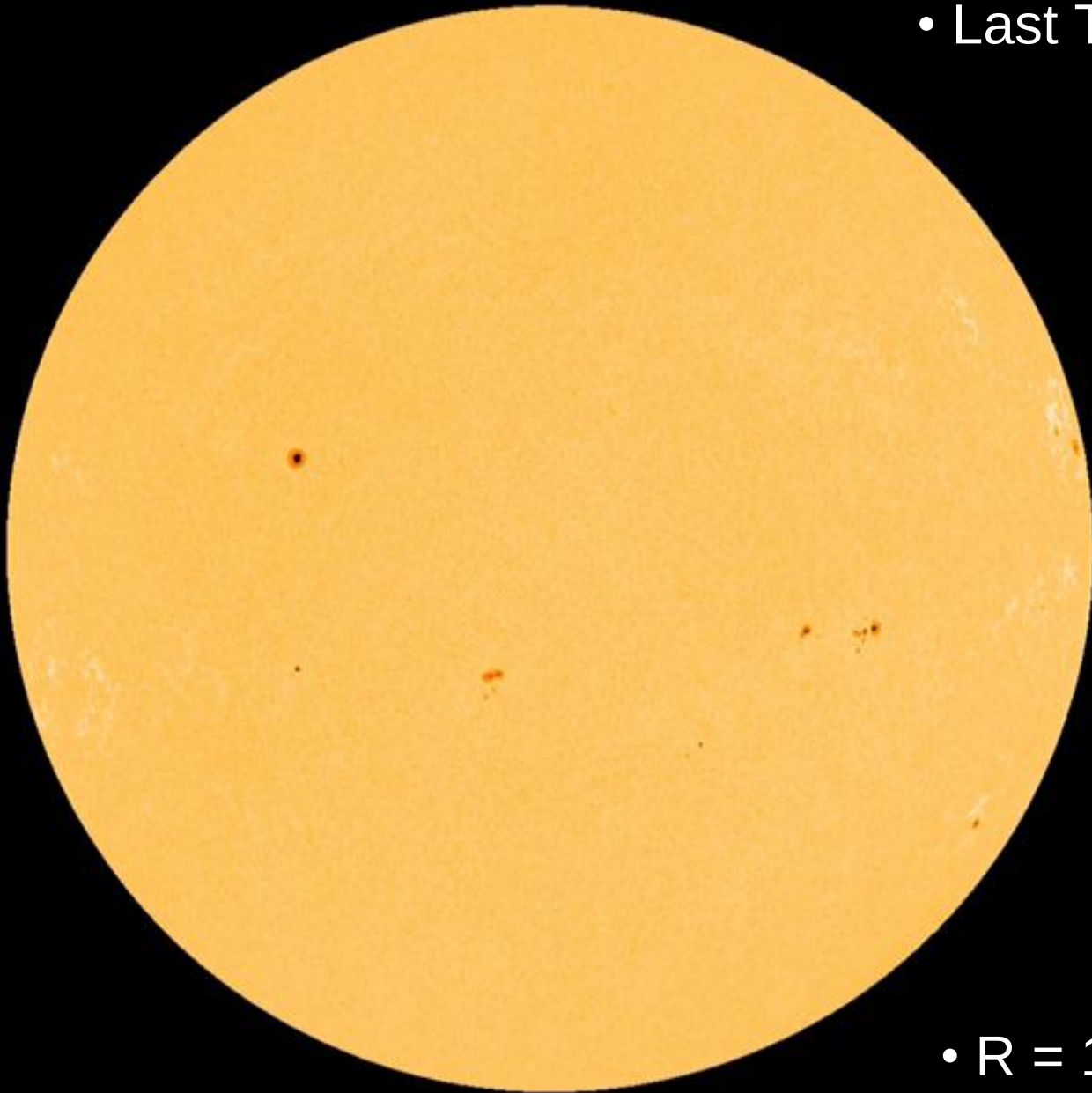


What's Up?

2025 May 26 to June 23

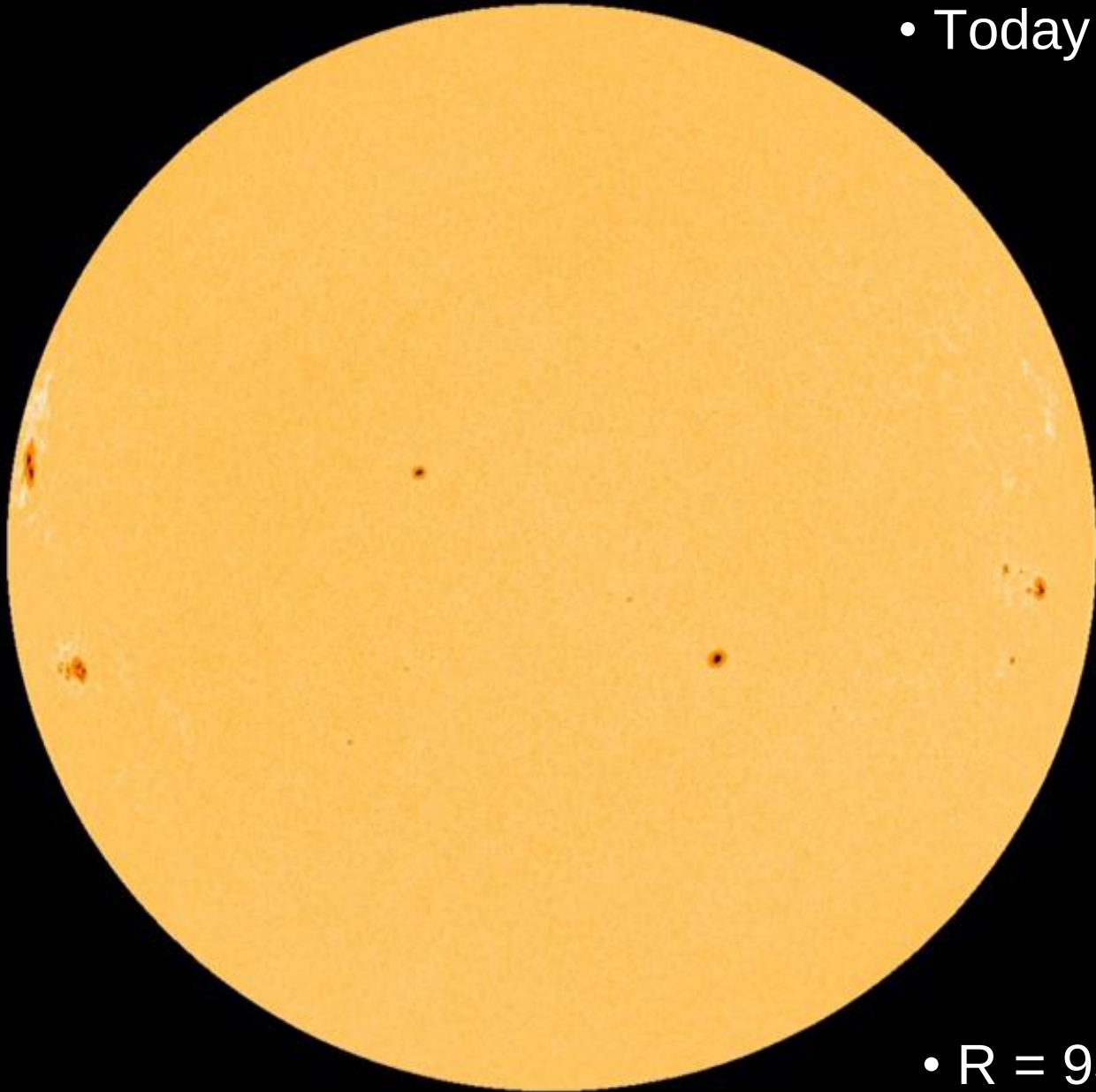
Bill Barton, FRAS

- Last Time



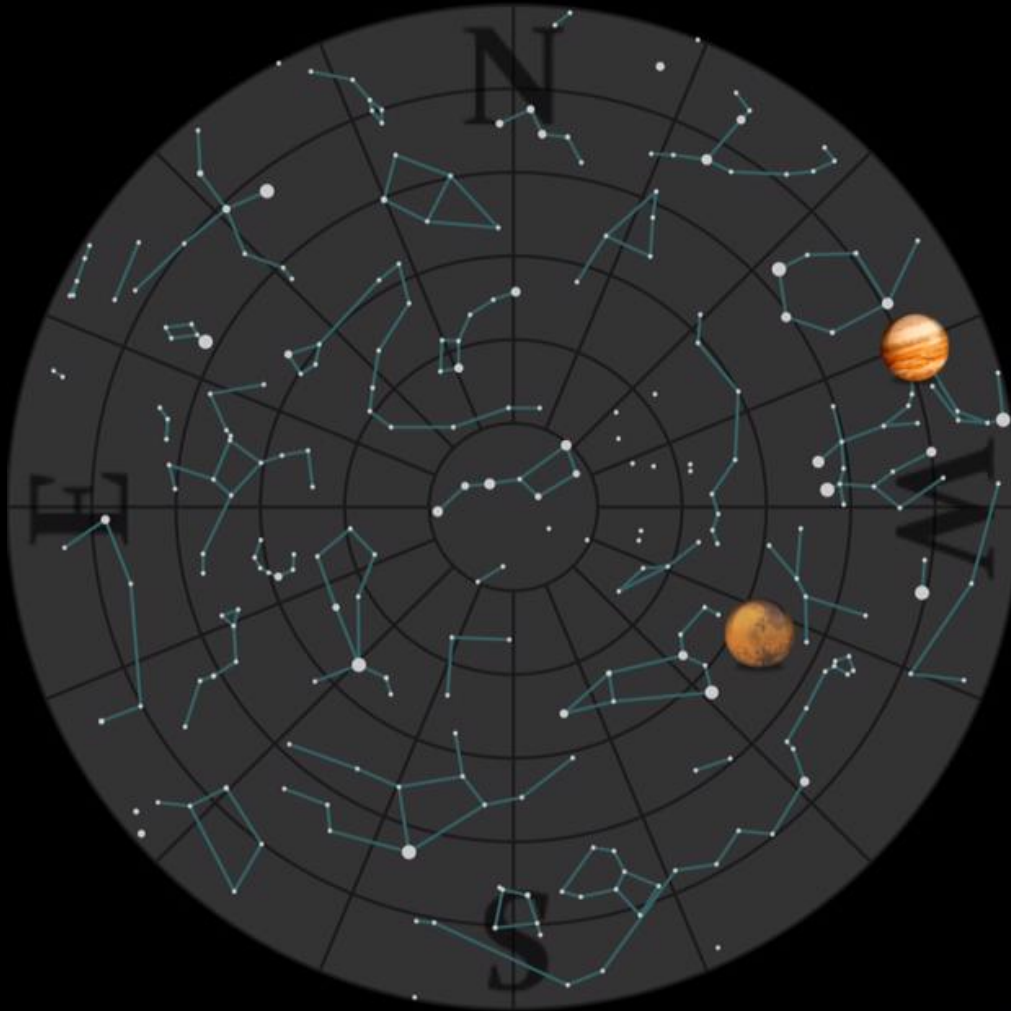
- $R = 119$

• Today

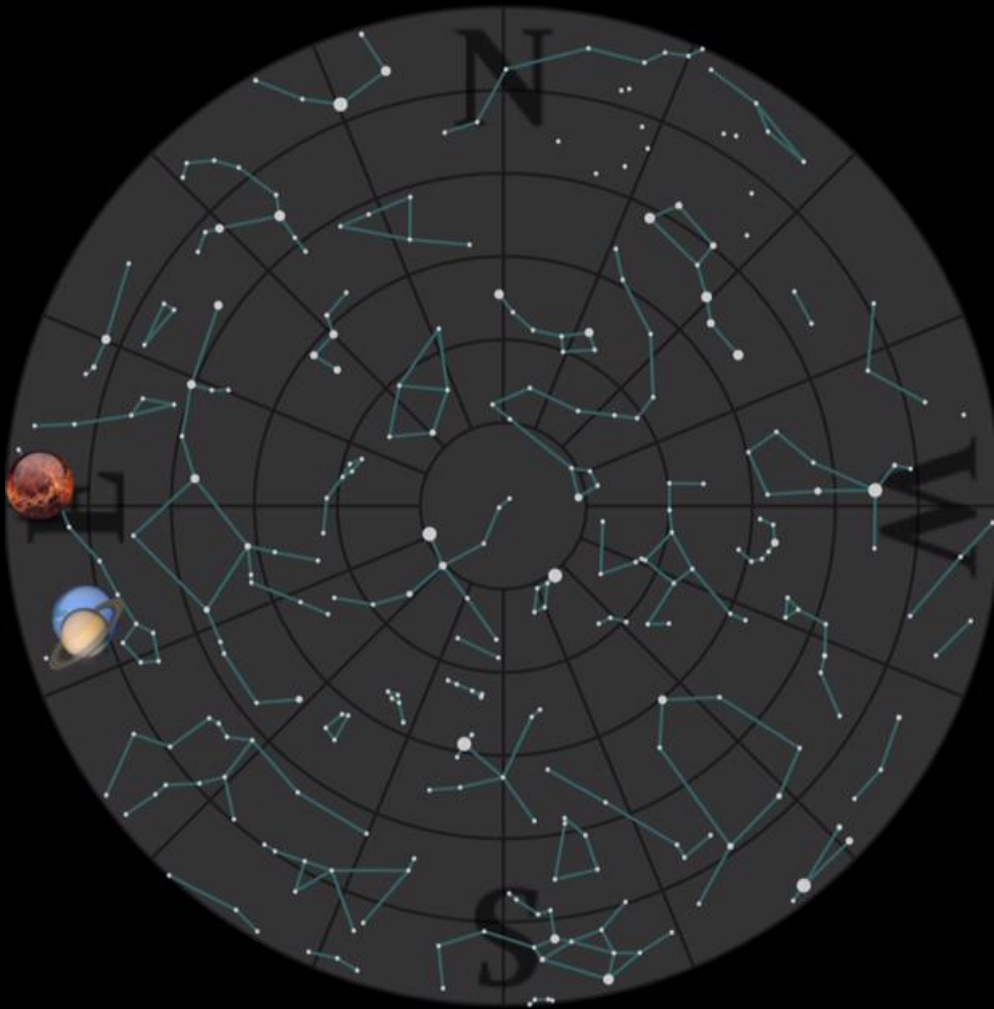


• $R = 93$

- The Sky 21:00
Tonight



- The Sky 04:00
Tomorrow



Inner Solar System

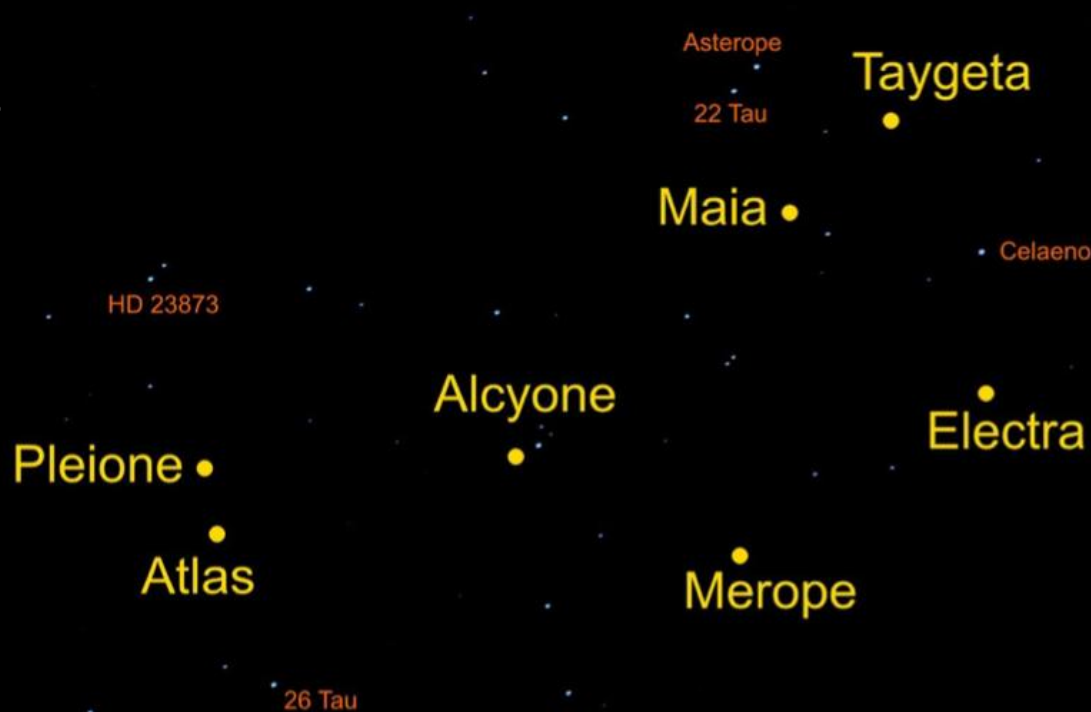
- Sun
 - Declination increasing. Solstice June 21
 - Last sunspot min., Apr. 2020, max., now?
- Mercury
 - Superior conjunction May 30
 - Then in the evening sky with greatest elongation on July 04 (26°), currently 5°, -2 mag
 - Inferior conjunction July 31
 - Today, rise 04:30, transit 12:30, set 20:30
- Venus
 - In the morning sky, greatest elongation May 31, (46°) currently 45°
 - Superior conjunction January 06, 2026
 - today, rise 03:15, transit 09:50, set 16:25

Earth

- Time
 - 00:00UT $\approx$ 14:25ST today
 - Today, sunrise 04:45, transit 12:50, sunset 21:00
 - End of period, sunrise 04:30, transit 12:55, sunset 21:20
- Moon
 -  New, 27
 -  First Quarter, June 03
 -  Full, June 11 ('Strawberry or Thunder' Moon)
 -  Last Quarter, June 18
- Meteors
 - none of note this period

Moon Occults The Pleiades

- Last Quarter, June 18, New Moon, June 25
- Monday June 23 (27 day old Moon)
- Sunset, 21:20 (22nd)
- Moon rise 02:10
 - Merope, ??:??-03:38
 - Atlas 04:00-04:47
 - Pleione, 04:08-04:45
- Sunrise 04:30
- above times in BST



Outer Solar System

- Mars
 - Conjunction January 09, 2026. Today, rise 10:20, transit 18:00, set 01:30
- Jupiter
 - Conjunction June 24. Today, rise 06:00, transit 14:20, set 22:40
- Saturn
 - Conjunction March 12. Opposition September 21. Today, rise 02:45, transit 08:30, set 14:30
- Uranus
 - Conjunction May 17. Opposition November 21. Today, rise 04:25, transit 12:15, set 20:10
- Neptune
 - Conjunction March 19. Opposition September 23. Today, rise 02:45, transit 08:45, set 14:45

OASI Events

- Friday May 30, from 20:00
 - Committee Meeting, on Zoom
- Saturday June 7, 12:00-17:00
 - Mendlesham Village Fete
 - Solar public outreach event
- Sunday June 15, 09:30-16:00
 - East Suffolk Wireless Revival, Kirton Village Recreation Ground
 - Solar public outreach event
- Monday June 16, from 20:00
 - 'What has the James Webb Space Telescope Discovered in its First Year', a recorded Zoom presentation by Naomi Rowe Gurney

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - nothing until September
- SAS (Cavendish Memorial Hall, 7:30pm, Tuesdays)
 - June 03, 'Extra-terrestrial Aurora', Jonathan Clough
- AAA (Whepstead Village Hall, 7:30pm, Wednesdays)
 - May 28, The Moon
 - June 11, Gravity & Space-time
- DAG (Diss)
 - Informal on FaceBook & WhatsApp

National Event I

- Federation Astronomical Societies - Annual Convention
 - Saturday May 31, 09:00-18:00
 - Institute of Astronomy, Cambridge
 - 'The Future of Astronomy', The Astronomer Royal
 - 'The Invisible Universe', Dr Matt Bothwell
 - 'Archeoastronomy of Stonehenge', Simon Banton
 - 'Threats and Challenges to Astronomy', Paul Daniels
 - 'The History of the Greenwich Meridian', Dr Louise Devoy
- EVENT SOLD OUT

National Event II

- British Astronomical Association
 - Wednesday June 4, 17:00-20:00
 - Institute of Physics, Caledonian Rd., London, N1 9BU
 - 'A Spectroscopist's Journey', Dr David Boyd
 - 'Dark Energy/Dark Matter' Prof Malcolm Fairbairn
 - 'Skynotes', Nick James
- Also livestream on Youtube