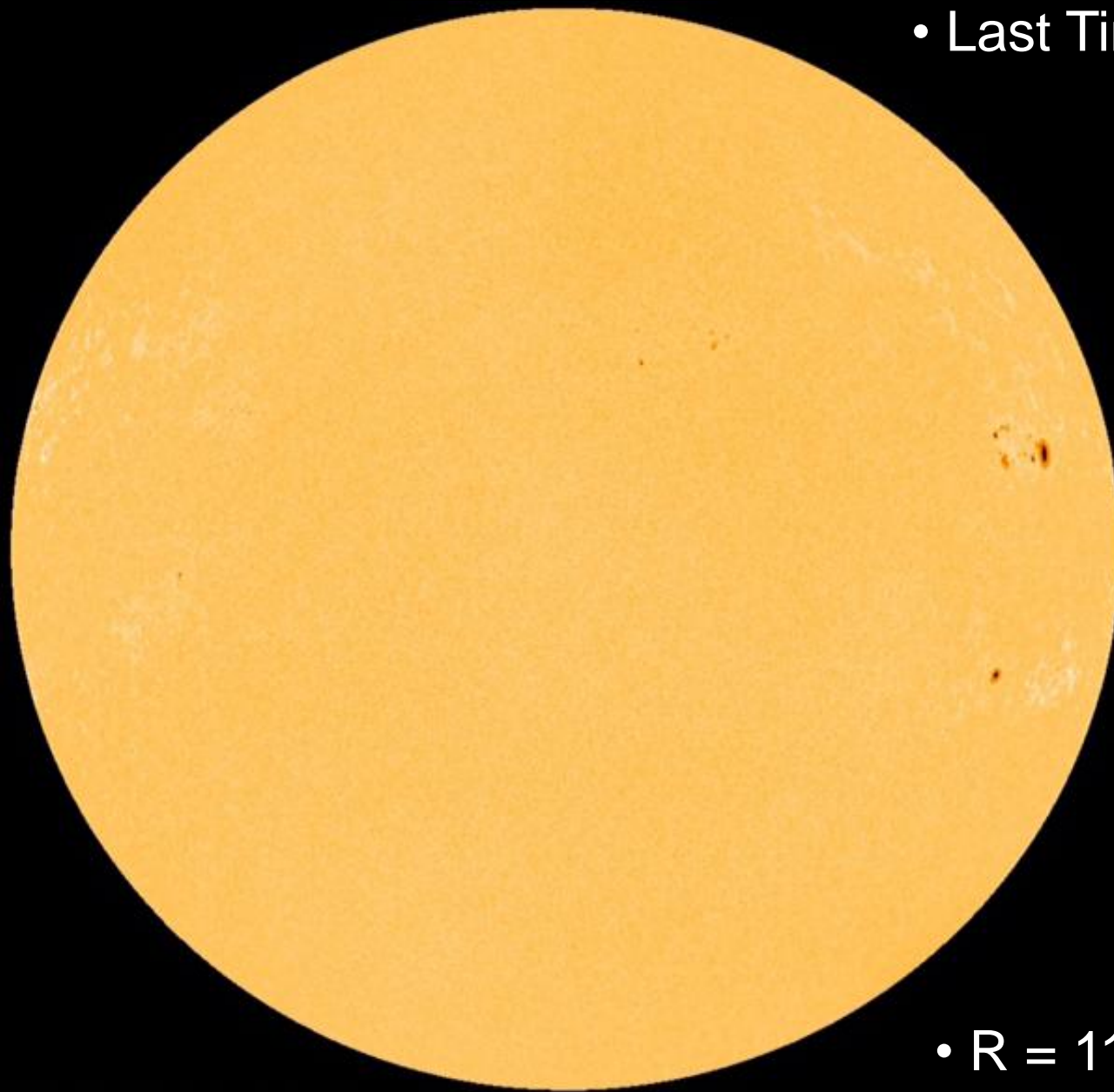


What's Up?

2025 April 28 to May 26

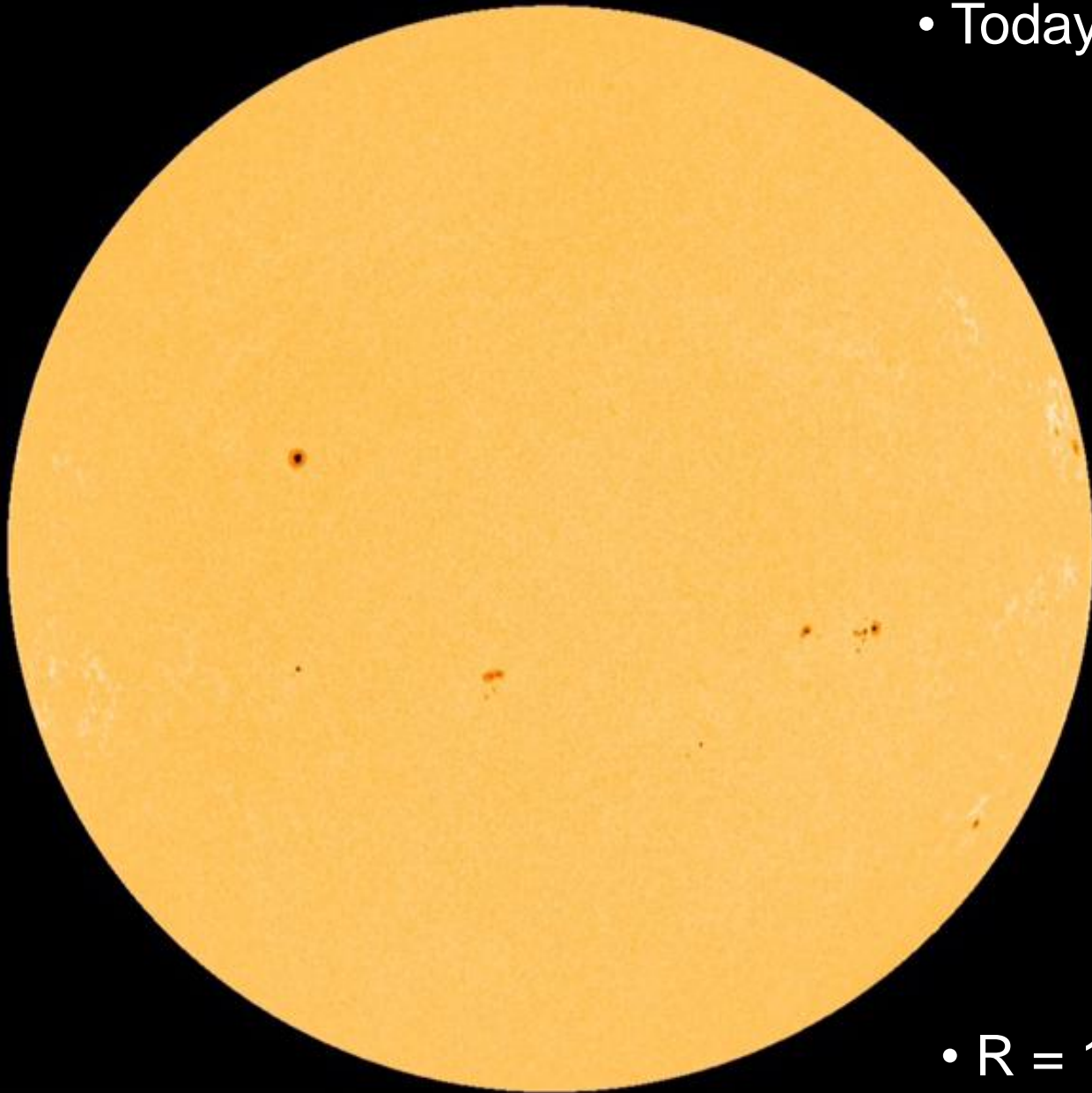
Bill Barton, FRAS

• Last Time



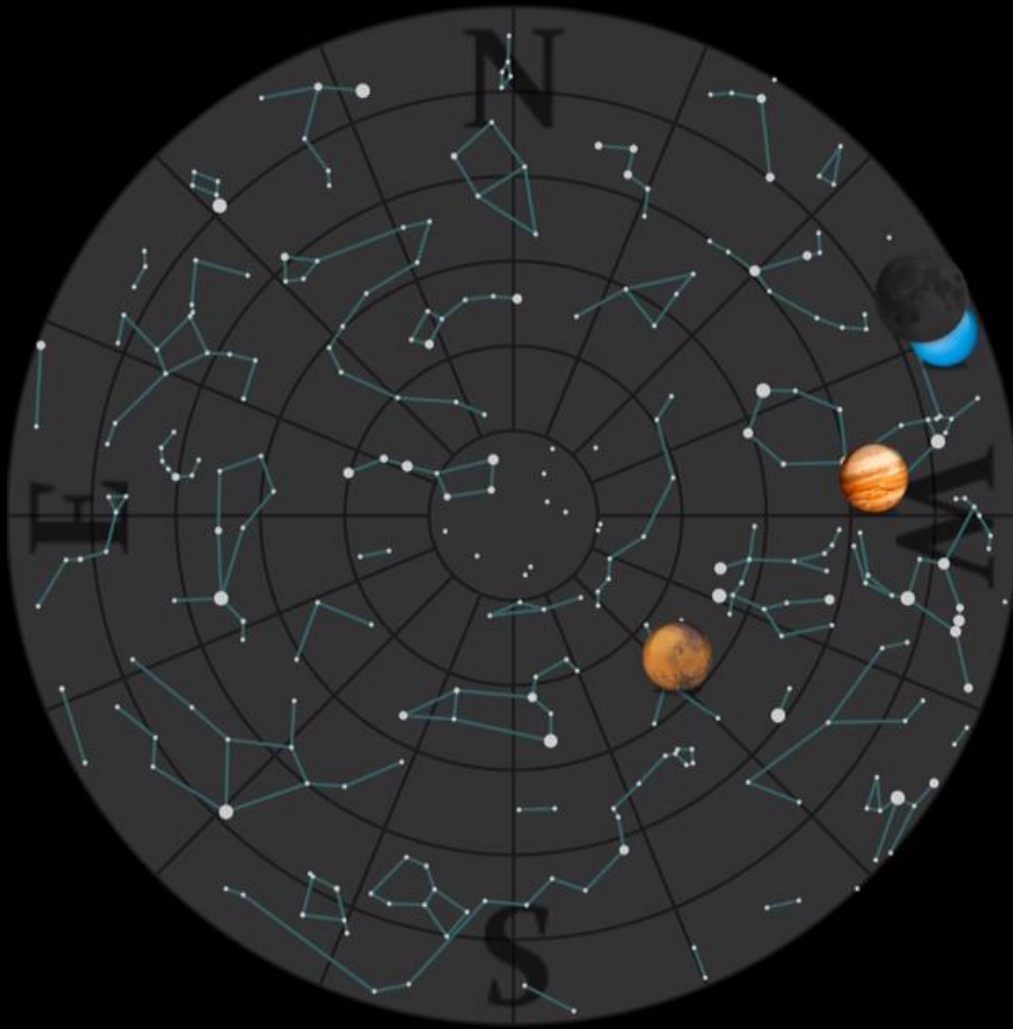
• $R = 110$

• Today

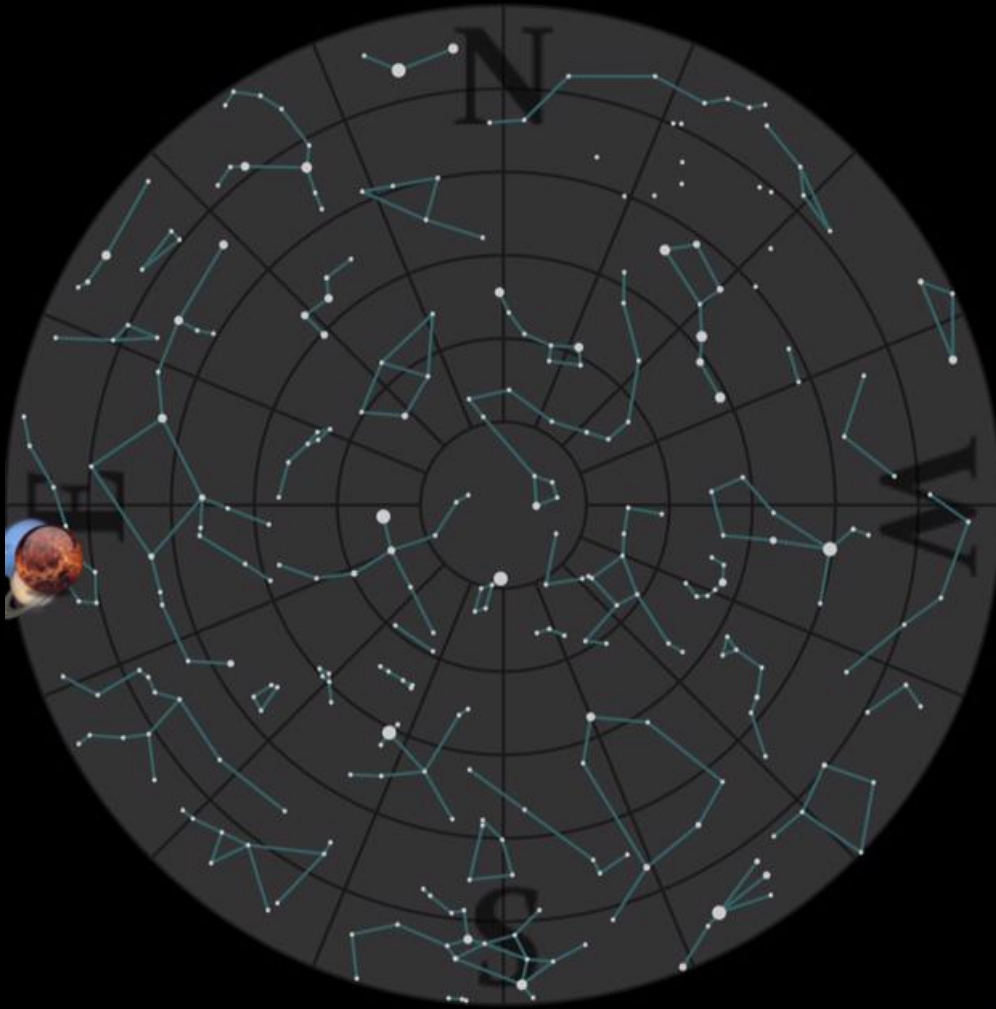


• R = 119

- The Sky 21:00
Tonight







- The Sky 05:00
Tomorrow



Inner Solar System

- Sun
 - Declination increasing. Solstice June 21
 - Last sunspot min., Apr. 2020, max., just passed?
- Mercury
 - In the morning sky with greatest elongation on April 21 (27°), currently 26° , 0 mag
 - Superior conjunction May 30
 - Today, rise 05:00, transit 11:15, set 17:35
- Venus
 - In the morning sky, greatest elongation May 31, (46°) currently 40°
 - Superior conjunction May 06, 2026
 - today, rise 04:10, transit 10:20, set 16:25

Earth

- Time
 - 00:00UT \approx 14:25ST today
 - Today, sunrise 05:30, transit 12:50, sunset 20:15
 - End of period, sunrise 04:45, transit 12:50, sunset 21:00
- Moon
 -  First Quarter, May 04
 -  Full, May 12 ('Milk or Flower' Moon)
 -  Last Quarter, May 20
 -  New, May 27
- Meteors
 - none of note this period

Outer Solar System

- Mars
 - Conjunction January 09, 2026. Today, rise 10:50, transit 18:55, set 03:00. On May 5 Mars will be near the Beehive star cluster
- Jupiter
 - Conjunction June 24. Today, rise 07:30, transit 15:45, set 00:00
- Saturn
 - Conjunction March 12. Opposition September 21. Today, rise 04:30, transit 10:20, set 16:10
- Uranus
 - Conjunction May 17. Opposition November 21. Today, rise 06:10, transit 14:00, set 21:50
- Neptune
 - Conjunction March 19. Opposition September 23. Today, rise 04:30, transit 10:30, set 16:30

OASI Events

- Monday May 19, from 20:00
 - 'What Gravitational Waves can tell us About the Universe', John Veitch, recorded talk on Zoom only
- Friday May 23, from 19:45
 - 'Where are the Sun's Sisters?', Paul Fellows, The Lantern Room, St. Augustine's Church, also on Zoom

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - May 11, AGM & 'The Exploration of Mars', David Partridge
- SAS (Cavendish Memorial Hall, 7:30pm, Tuesdays)
 - May 06, 'The Very Latest on Dark Matter & Dark Energy', Matt Bothwell
 - June 03, 'Extra-terrestrial Aurora', Jonathan Clough
- AAA (Whepstead Village Hall, 7:30pm, Wednesdays)
 - April 30, 'New Horizons for Mankind', Keith Townsend
 - May 14, Quasars & AGN
- DAG (Diss)
 - Informal on FaceBook & WhatsApp

National Event

- Federation of Astronomical Societies Convention
 - Saturday May 31, 10:00-18:00
 - Institute of Astronomy, Cambridge, CB3 0HA
 - ‘The Future of Astronomy’, the Astronomer Royal
 - ‘The Invisible Universe - the search for Dark Matter’, Matt Bothwell
 - ‘The Archeoastronomy of Stonehenge’, Simon Banton
 - ‘Threats & Challenges to Astronomy’, Paul Daniels
 - ‘The History of the Greenwich Meridian’, Louise Devoy
 - booking fee applies (discount available)