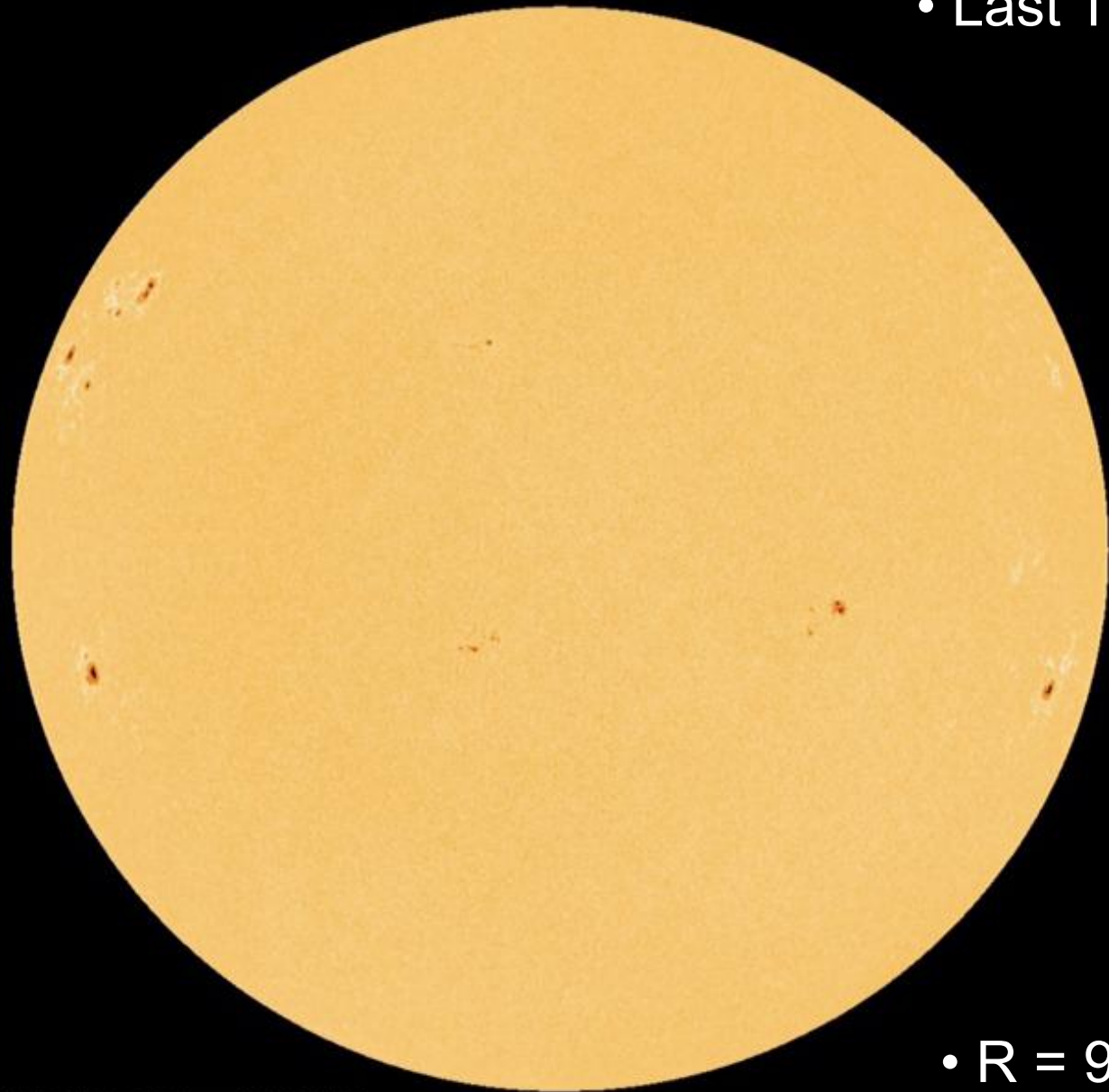


What's Up?

2026 April 27 to May 25

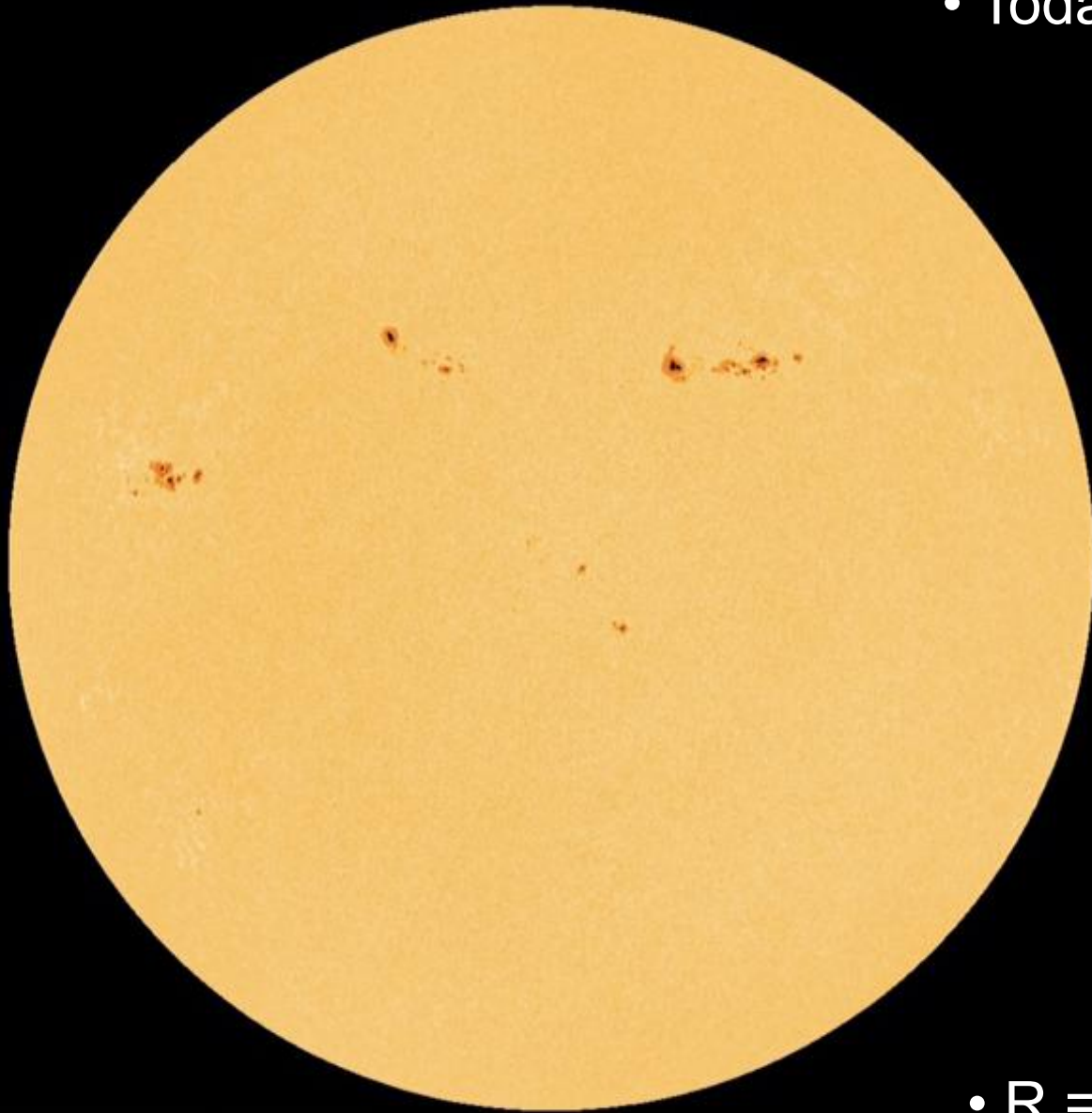
Bill Barton, FRAS

• Last Time



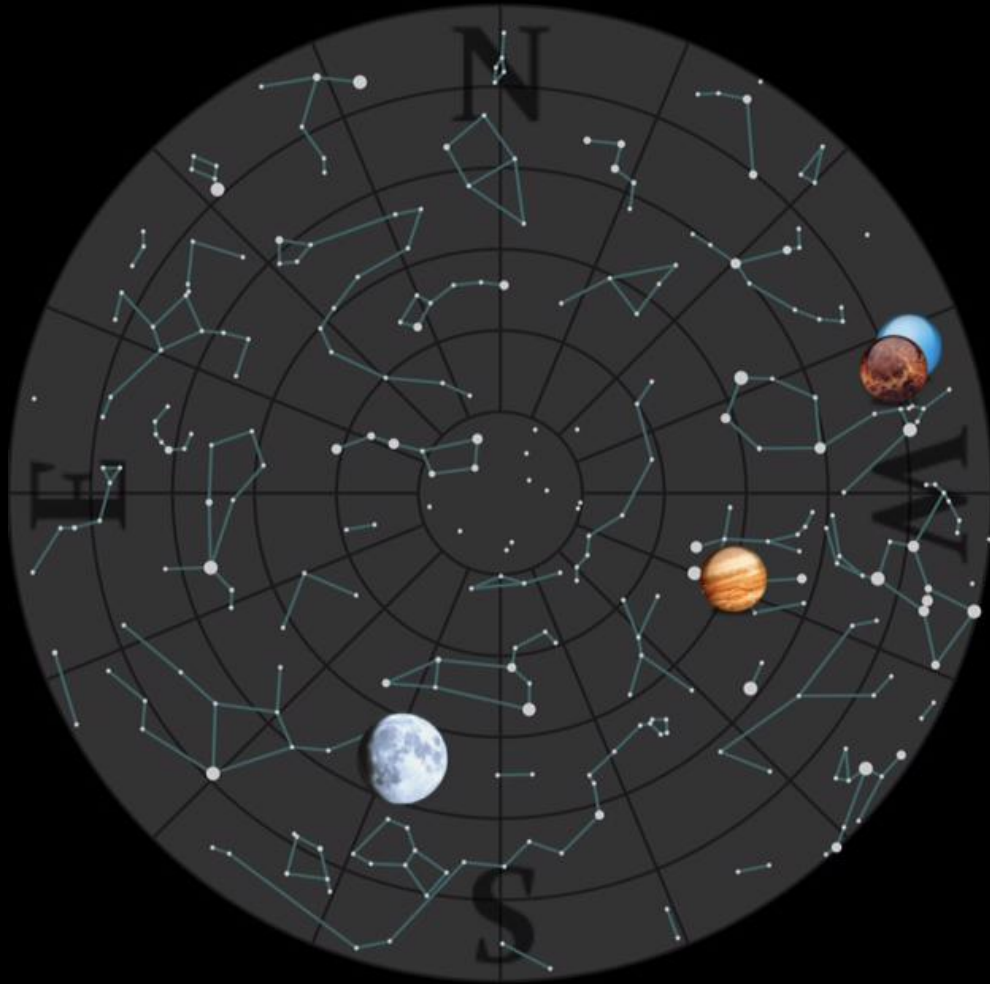
• R = 96

• Today

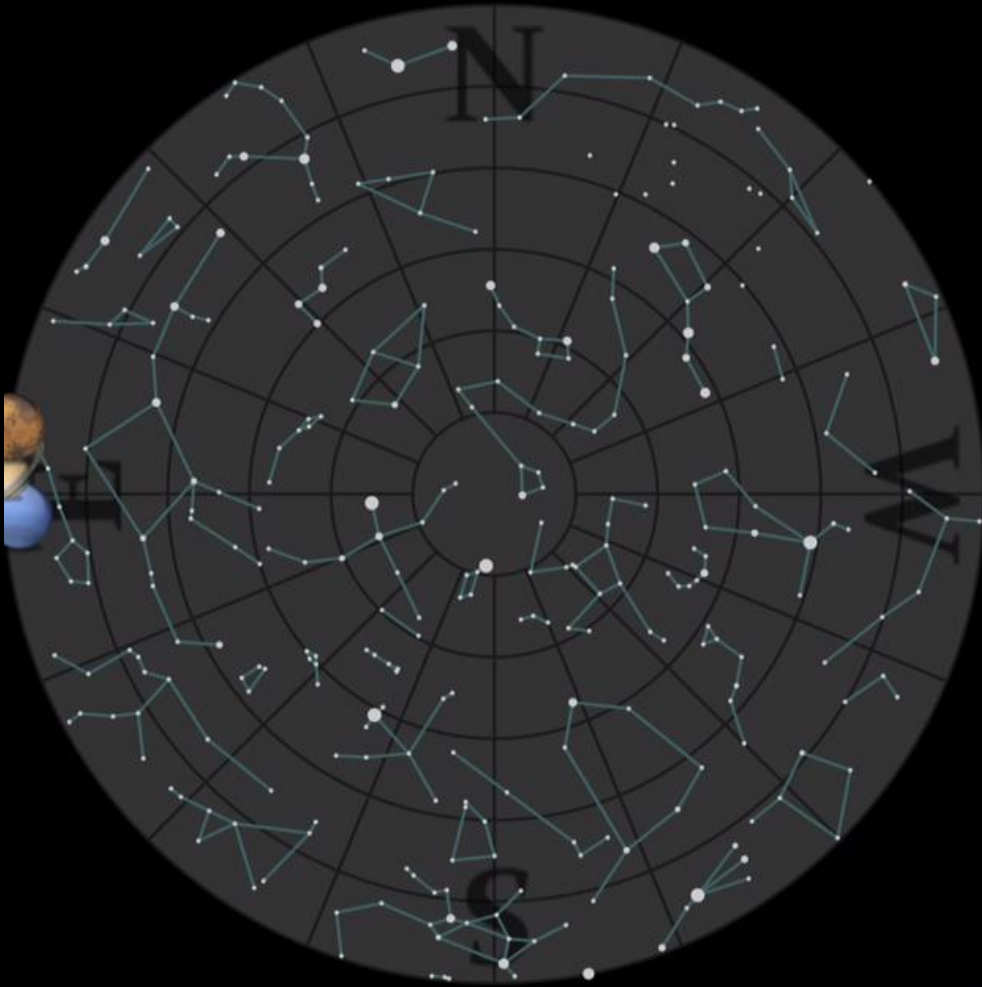


• R = 137

- The Sky 21:00
Tonight







- The Sky 05:00
Tomorrow



Inner Solar System

- Sun
 - Declination increasing, solstice June 21
 - Last sunspot max., 2024 October, next min., 2030?
- Mercury
 - In the morning sky, greatest elongation April 03 (28°), currently 18° , superior conjunction on May 14
 - Today, rise 05:15, transit 11:45, set 18:20
- Venus
 - In the evening sky, greatest elongation August 14 (46°), currently 27°
 - today, rise 06:30, transit 14:40, set 22:45

Earth

- Time
 - 00:00UT \approx 10:15ST today
 - Today, sunrise 05:30, transit 12:50, sunset 20:15
 - End of period, sunrise 04:45, transit 12:50, sunset 21:00
- Moon
 -  Full, May 01 ('Milk or Flower' Moon) & May 31 ('Blue' Moon)
 -  Last Quarter, 09
 -  New, 16
 -  First Quarter, 23
- Meteors
 - None of note this period

Outer Solar System

- Mars
 - Next opposition February 19, 2027. Today, rise 04:55, transit 11:20, set 17:50
- Jupiter
 - Conjunction July 29. Today, rise 09:30, transit 17:50, set 02:00
- Saturn
 - Conjunction March 25, opposition October 04. Today, rise 04:50, transit 11:00, set 17:15
- Uranus
 - Conjunction May 22, opposition November 25. Today, rise 06:20, transit 14:20, set 22:10
- Neptune
 - Opposition September 26. Today, rise 04:40, transit 10:40, set 16:50

OASI Event

- Recorded Lecture Meeting
 - Monday 18 May, from 20:00
 - 'The Physics of Black Holes', Chris Impey

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - May 3, 'Galaxies During Cosmic Dawn', Sandro Tacchella & AGM
- SAS (Cavendish Memorial Hall, 7:30pm, Tuesdays)
 - May 5, 'Further Adventures with Astronomical Image Processing', Nik Szymanek
- AAA (Whepstead Village Hall, 7:30pm, Wednesdays)
 - April 29, 'Gamma Ray Bursts', Colin Paton
 - May 13, 'Constellation Deep Dive ~ Spring', Paul Foreman

National Events

- British Astronomical Association
 - Historical Section Meeting
 - Sherwood Observatory, Sutton-in-Ashfield, Notts., NG17 5LF
 - Saturday May 9, 10:00-16:00
 - Spring Meeting
 - Phoenix Arts & Cinema, 4 Midland St., Leicester
 - Friday/Saturday 22-23 May
 - 'Practical Amateur Astronomy'

And Finally...

- Solar eclipse
 - evening of August 12, eclipse end 20:05, sunset 20:25, azimuth 296°
 - when will the sunset circumstances be similar?
 - clue: solar declination $+15^\circ$, moving south

And Finally...

- Solar eclipse
 - evening of August 12, eclipse end 20:05, sunset 20:25, azimuth 296°
 - when will the sunset circumstances be similar?
 - answer:
 - May 1, sunset 20:20, azimuth 297° , dec $+15^\circ$, moving north
 - May 2, sunset 20:22, azimuth 297°