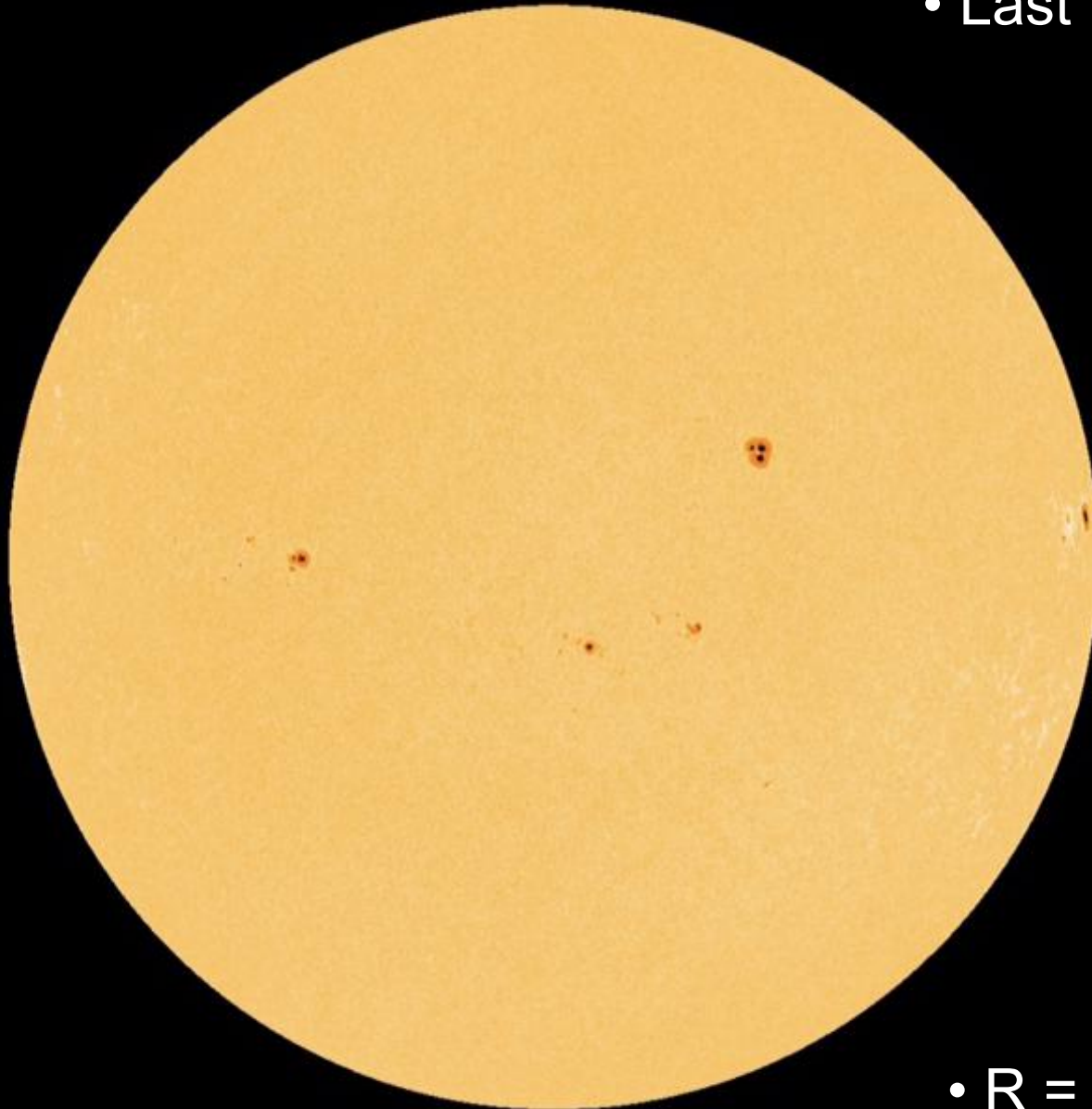


What's Up?

2026 August 24 to September 28

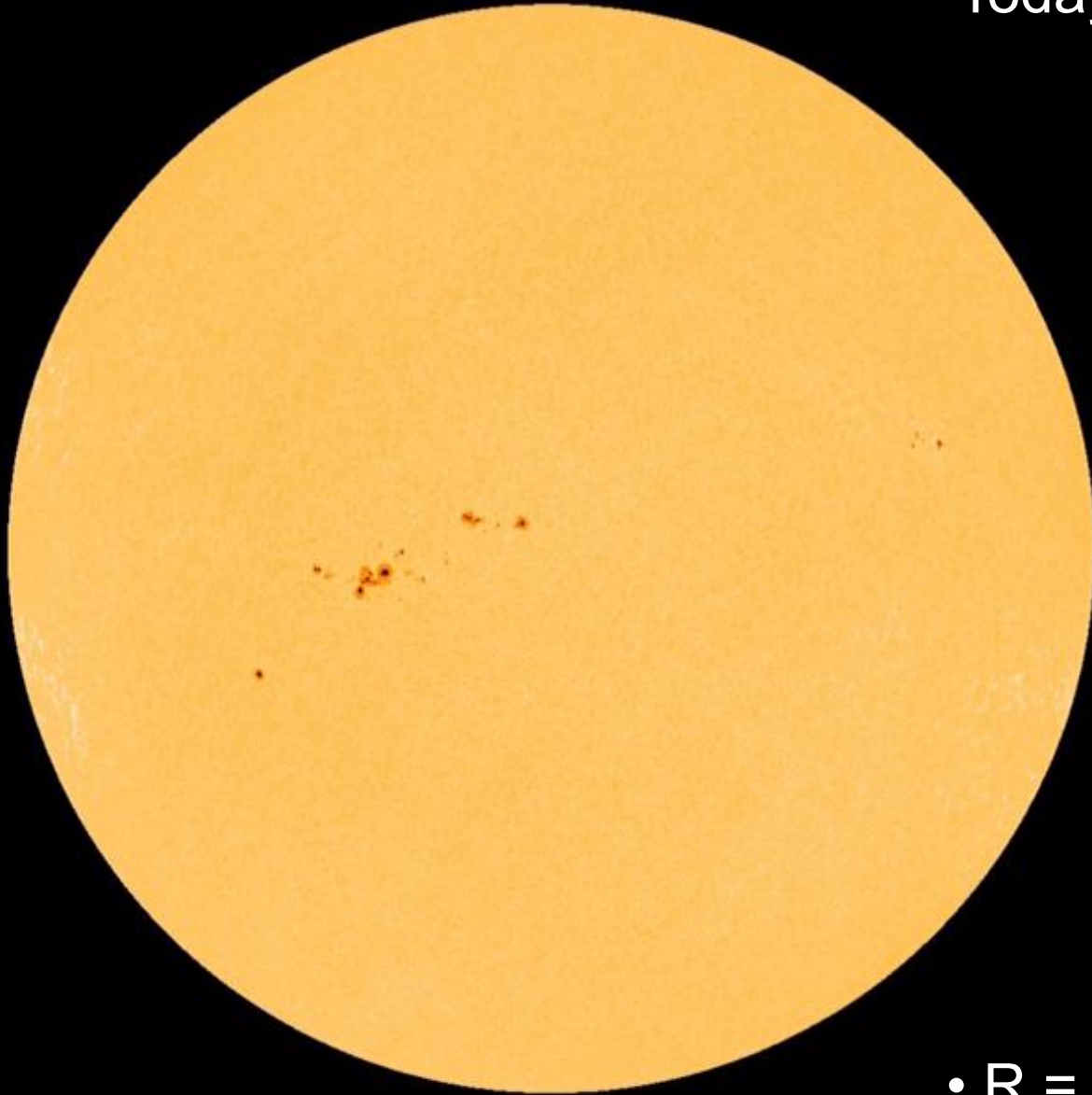
Bill Barton, FRAS

- Last Time



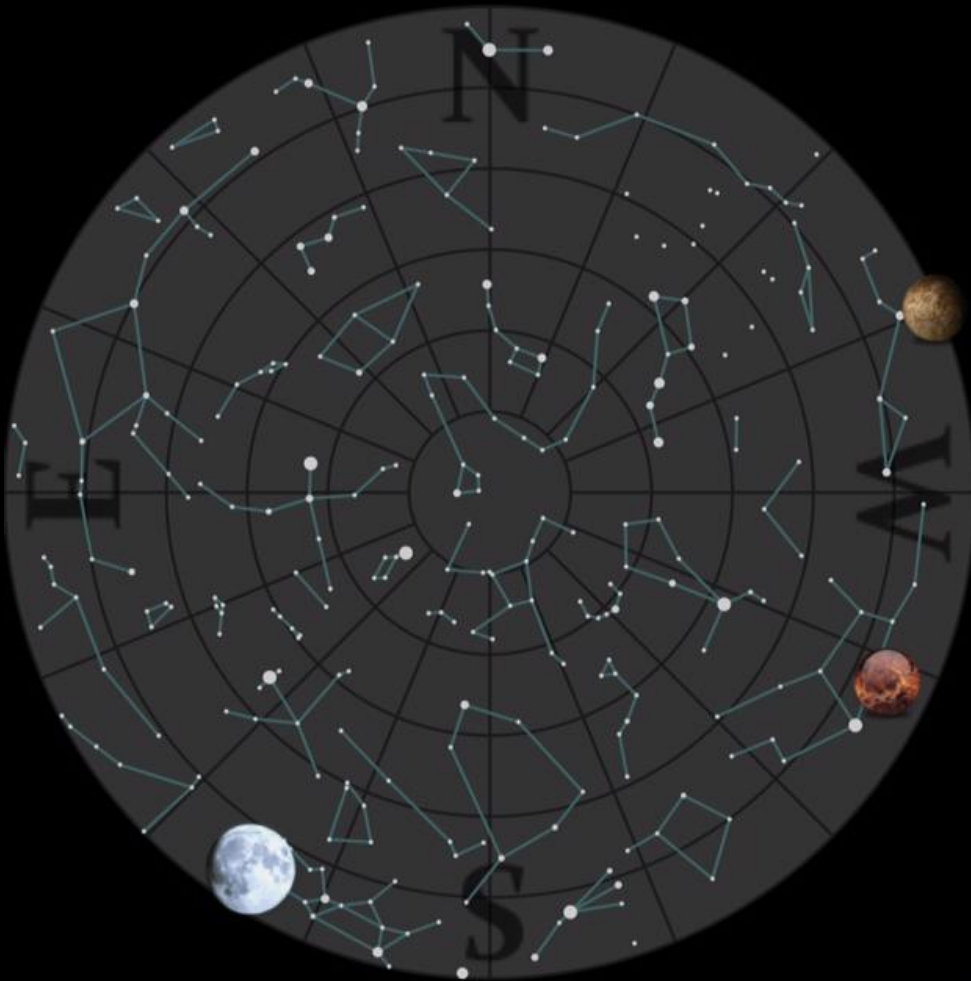
- $R = 99$

- Today



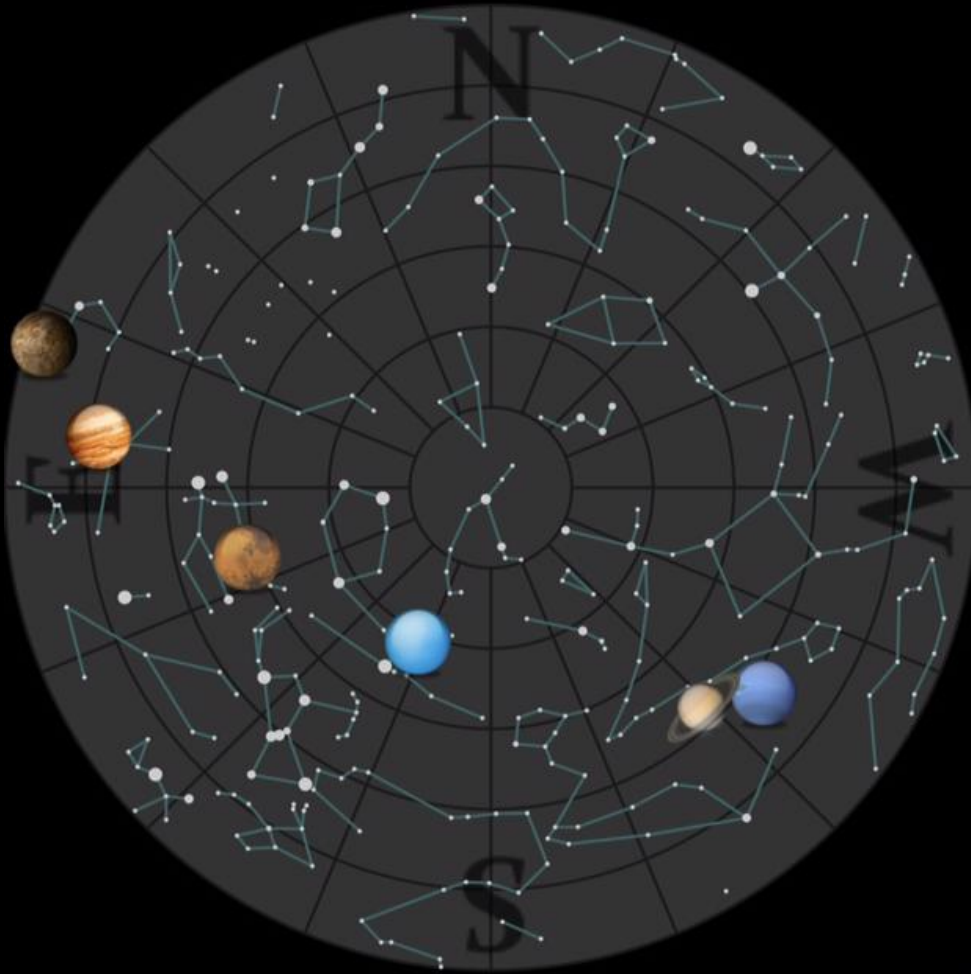
- $R = 73$

- The Sky 20:00
Tonight



- The Sky 06:00
Tomorrow

- 'Planetary Parade'



Inner Solar System

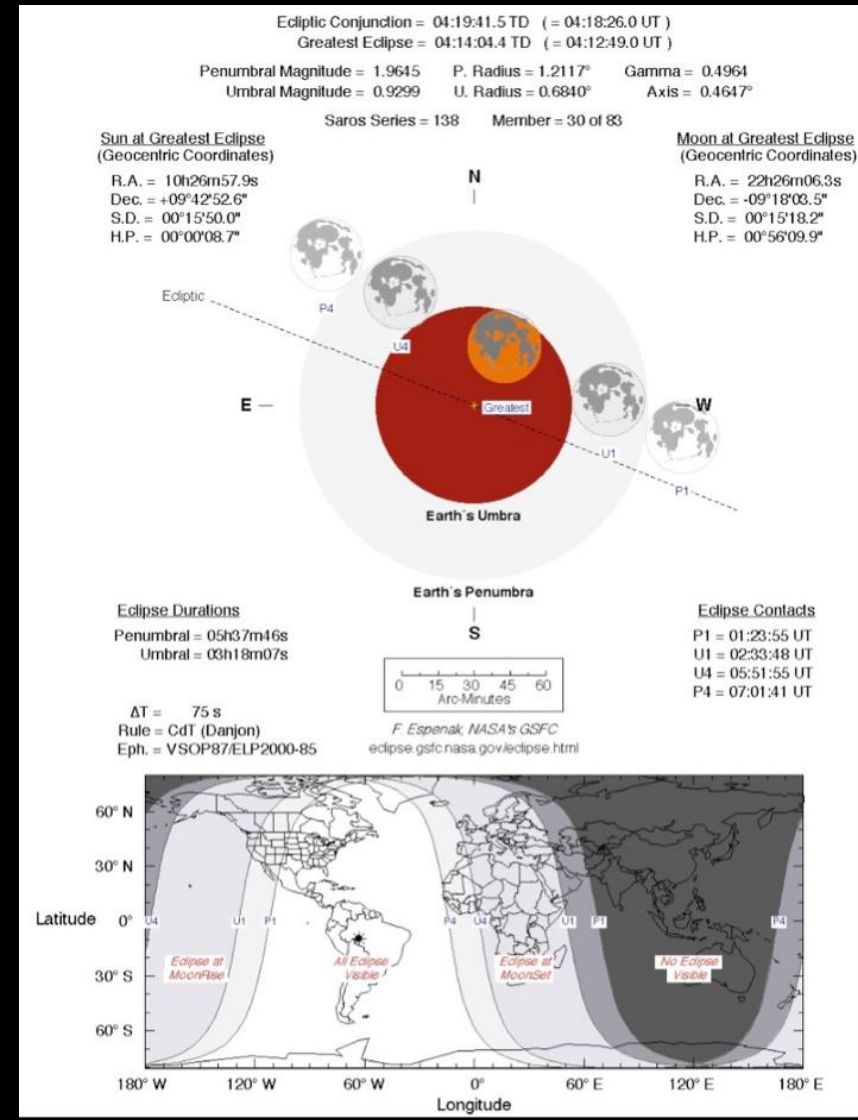
- Sun
 - Declination decreasing, equinox September 23
 - Last sunspot max., 2024 October, next min., 2030?
- Mercury
 - In the morning sky, superior conjunction August 27. Then in the evening sky with greatest elongation on October 12 (25°). Current phase 0.99, elongation 4° .
 - Today, rise 05:20, transit 12:45, set 20:00
- Venus
 - In the evening sky, greatest elongation August 14 (46°), current phase 0.44, elongation 45°
 - Today, rise 10:20, transit 15:40, set 20:55

Earth

- Time
 - 00:00UT $\approx$ 22:10ST today
 - Today, sunrise 05:50, transit 12:55, sunset 20:00
 - End of period, sunrise 06:50, transit 12:45, sunset 18:40
 - Equinox, September 23
- Moon
 -  Full, 28 ('Red or Green Corn' Moon), September 26 (Harvest Moon)
 -  Last Quarter, September 04
 -  New, 11
 -  First Quarter, 18
- Meteors
 - none of note

August 28 Lunar Eclipse

- Visible at Moonset/Sunrise
- Eclipse start 03:34
- Civil twilight start 05:20
- Sunrise/Moonset 06:00
- Eclipse end 06:52



Daylight Lunar Occultation

- Monday, September 14
 - Sun
 - Rise 06:25, transit 12:50 BST
 - Venus
 - Rise, 10:40 BST
 - Moon
 - Age 2 days, rise, 10:45 BST
- Venus, elongation 40° , phase 0.3 (alt 5° , az 128°)
 - Recovery at bright limb, 11:35 BST
- Maybe later the same day?

Outer Solar System

- Mars
 - Opposition February 19, 2027. Today, rise 00:55, transit 09:15, set 17:40
- Jupiter
 - Opposition February 11, 2027. Today, rise 03:55, transit 11:40, set 19:20
- Saturn
 - Opposition October 04. Today, rise 21:20, transit 03:40, set 09:55
- Uranus
 - Opposition November 25. Today, rise 22:55, transit 06:50, set 15:00
- Neptune
 - Opposition September 26. Today, rise 20:50, transit 03:00, set 09:00

OASI Events I

- Bawdsey Radar Museum
 - Monday 31 August, 11:00-16:00
 - Public solar observing, help needed!
- Live Presentation, 'The Hold', Fore Street, Ipswich
 - Thursday 3 September, 11:00-12:00
 - 'The Astronomy of an Edwardian Lady', Bill Barton
 - also at Newbourne 28 September
- Committee Meeting
 - Sunday 06 September (!), from 20:00 on Zoom

OASI Events II

- Recorded Presentation
 - Tuesday 15 September, from 20:00 on Zoom
 - 'The Aurora, Past & Present', Paul Whiting

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - September 13, observing evening
 - September 19-20, Henham Steam & Country Show
 - September 27, 'Light Pollution & Satellite Constellations', Tereza Pultarova
- SAS (Cavendish Memorial Hall, 7:30pm, Tuesdays)
 - September 01, 'Gravity Waves', Paul Whiting
- AAA (Whepstead Village Hall, 7:30pm, Wednesdays)
 - September 02, 'Monsters in the Dark~Searching for Extreme Galaxies', Dr Matt Bothwell
 - September 16, Introduction to Practical Astronomy, Steven Richards

Summer Exhibition

- 'The Moon: Our Nearest Neighbour'
 - Friday June 26 to Saturday September 19
 - The Hold, Fore St., Ipswich
- plus related events
 - talk (Thur, September 3)
 - public lunar observing (Fri, September 18)
 - [here!](#)



[The Moon: Our Nearest Neighbour](#)

Discover what the Moon is made of, how it has influenced our history, culture and natural world, and how we have explored it from ancient times to the present and future.

A touring exhibition from Bespoke Scientific.

National Event

- British Astronomical Association
 - Saturday September 18
 - Autumn Meeting, Liverpool