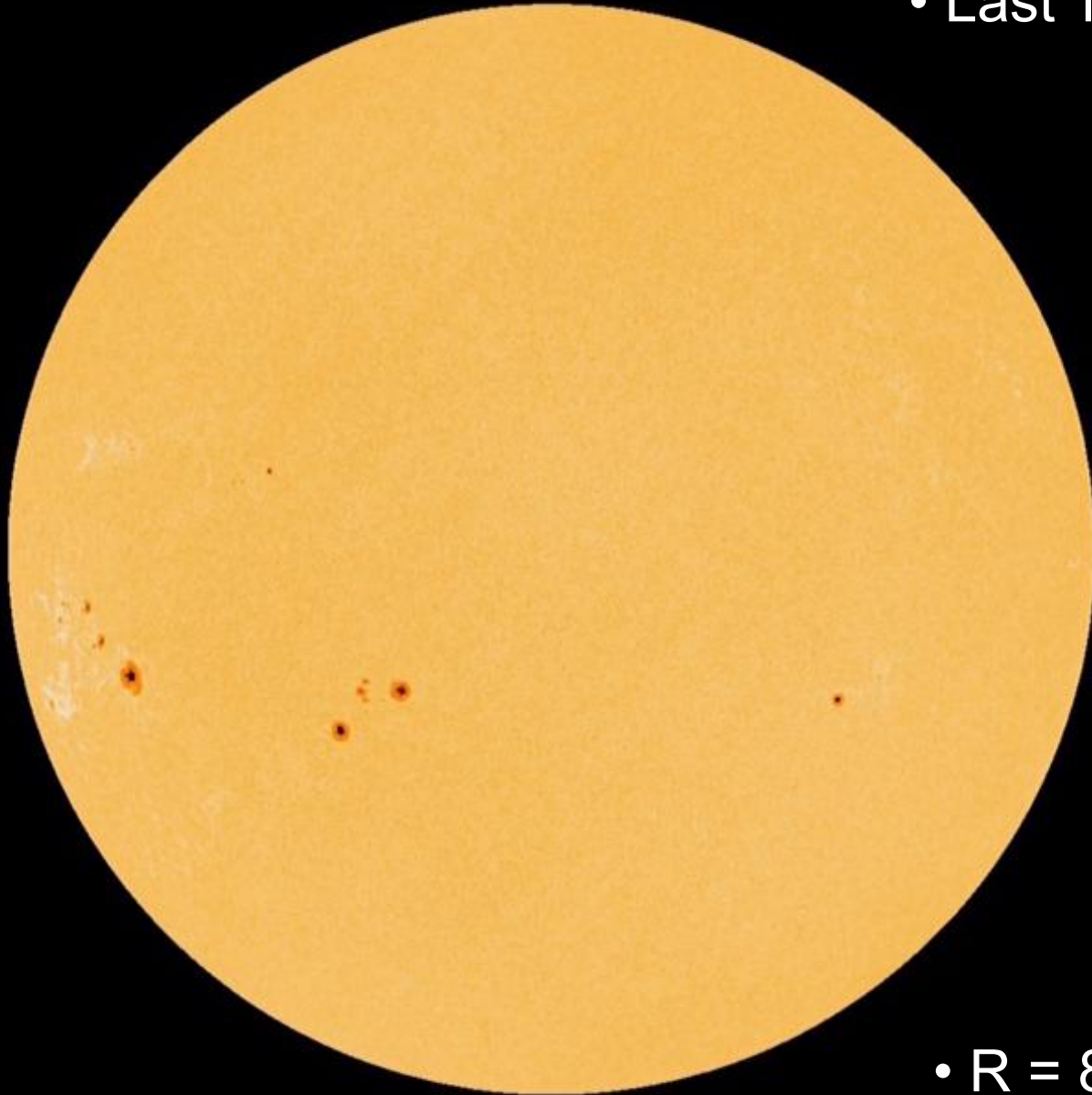


# What's Up?

2026 June 22 to July 27

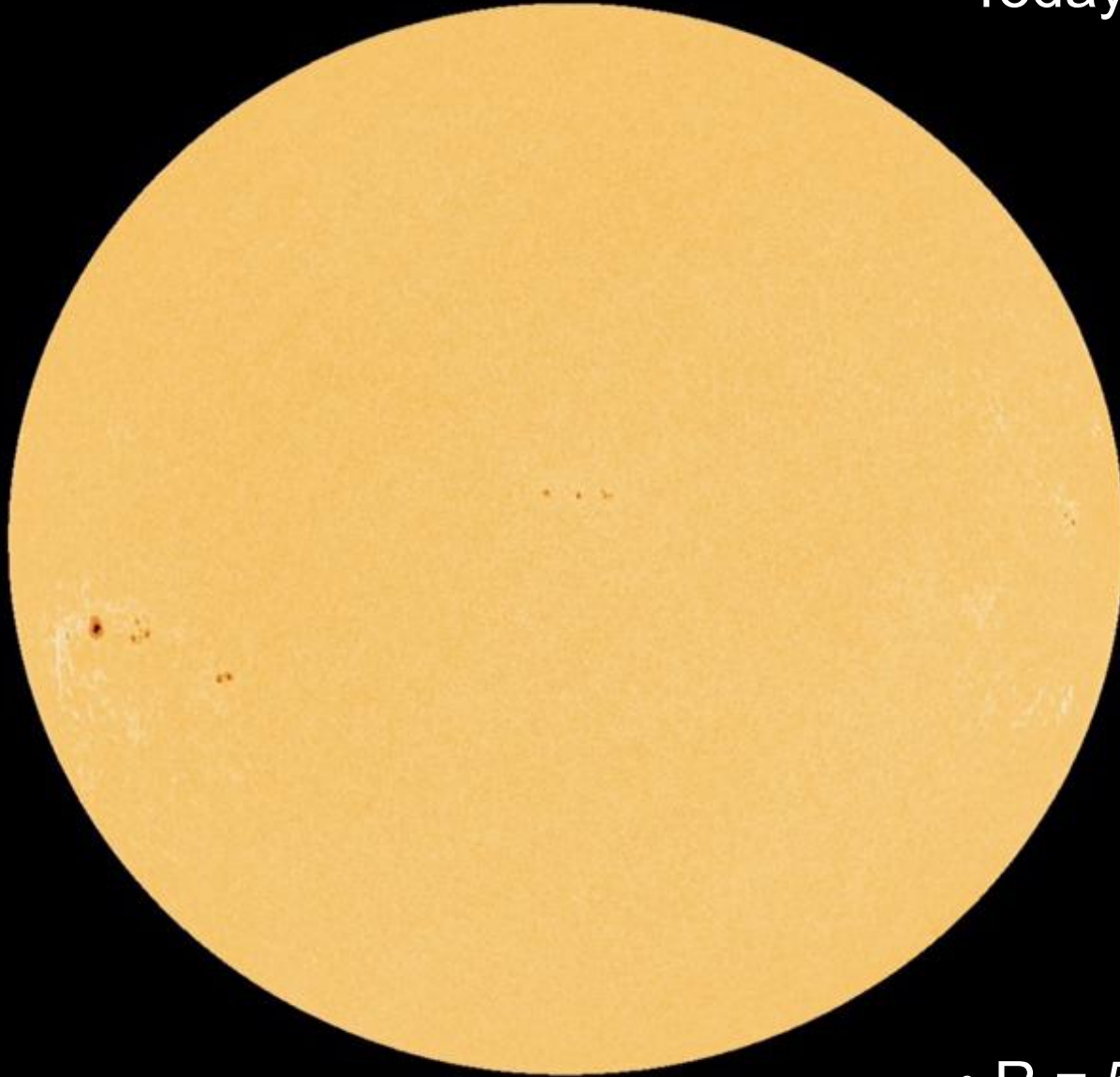
Bill Barton, FRAS

• Last Time



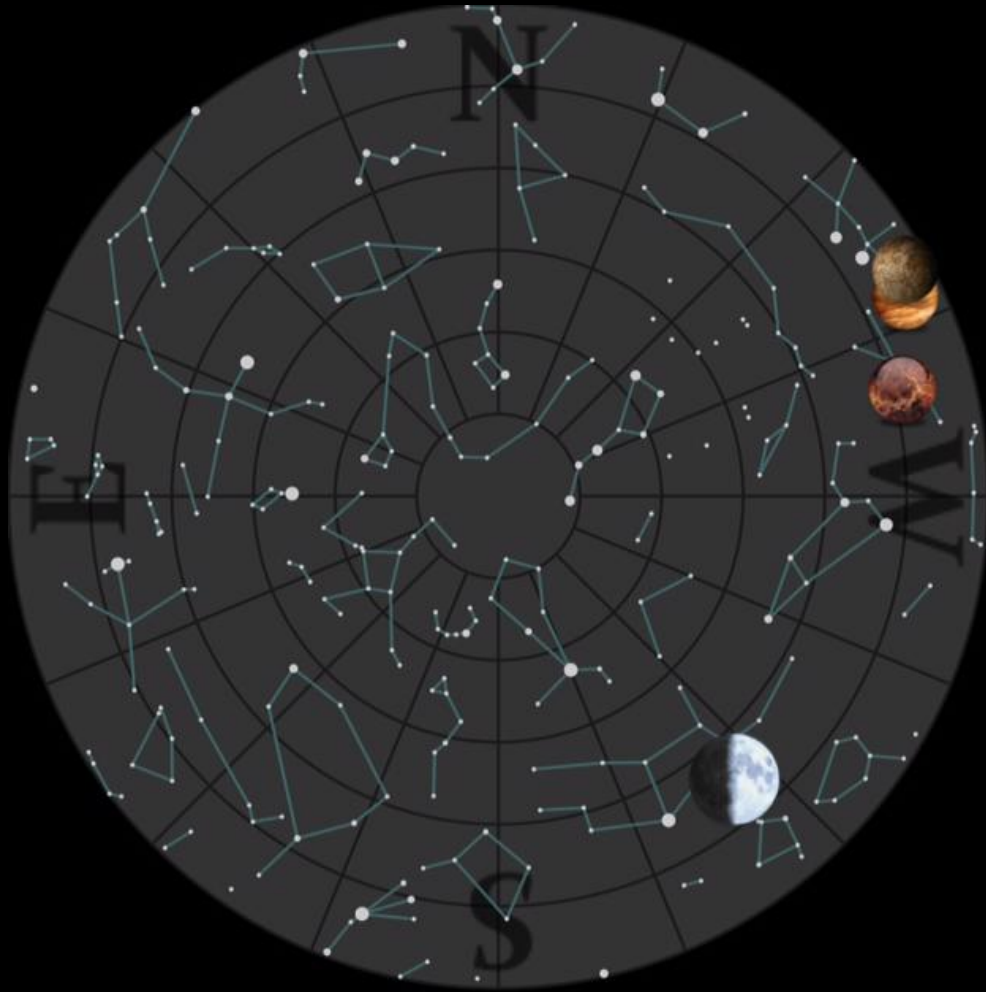
• R = 86

• Today

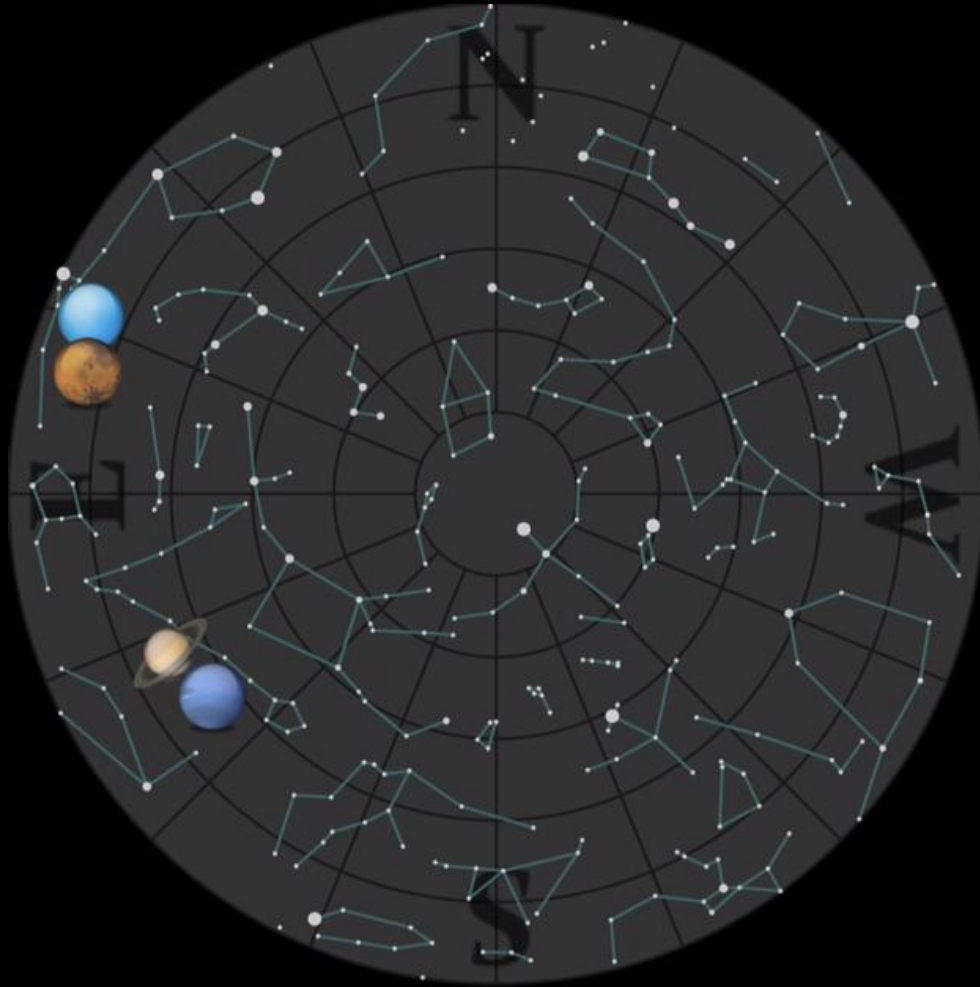


•  $R = 53$

- The Sky 22:00  
Tonight







- The Sky 04:00  
Tomorrow



# Inner Solar System

- Sun
  - Declination decreasing, solstice June 21 (yesterday), aphelion July 06
  - Last sunspot max., 2024 October, next min., 2030?
- Mercury
  - In the evening sky, greatest elongation on June 15 ( $25^\circ$ ), current phase 0.25, elongation  $23^\circ$ . Inferior conjunction on July 13
  - Today, rise 06:30, transit 14:30, set 22:30
- Venus
  - In the evening sky, greatest elongation August 14 ( $46^\circ$ ), current phase 0.7, elongation  $40^\circ$
  - Today, rise 07:50, transit 15:45, set 23:30

# Earth

- Time
  - 00:00UT  $\approx$  18:00ST today
  - Today, sunrise 04:30, transit 12:55, sunset 21:20
  - End of period, sunrise 05:10, transit 13:00, sunset 20:50
- Moon
  -  Full, 29 ('Mead or Strawberry' Moon)
  -  Last Quarter, July 07
  -  New, 14
  -  First Quarter, 21
- Meteors
  - Perseids, July 17 - August 24, max, August 13 (ZHR 80+)

# Outer Solar System

- Mars
  - Opposition February 19, 2027. Today, rise 02:30, transit 10:20, set 18:10
- Jupiter
  - Conjunction July 29. Today, rise 06:45, transit 14:50, set 22:55
- Saturn
  - Opposition October 04. Today, rise 01:20, transit 07:45, set 14:00
- Uranus
  - Conjunction May 22, opposition November 25. Today, rise 02:50, transit 10:50, set 18:50
- Neptune
  - Opposition September 26. Today, rise 01:00, transit 07:10, set 13:15

# OASI Events

- Central Ipswich
  - Saturday 27 June, 10:00-15:00
    - Public Solar observing at Christchurch Mansion
    - (help needed?)
- 'The Hold', Fore Street, Ipswich
  - Tuesday 30 June, 11:00-12:00
    - Bill Barton, 'The Other Side of Basil Brown'
- Recorded Presentation
  - Monday 20 July, from 20:00 on Zoom
    - 'Arrokoth and the Sentinals', Greg Smye-Rumsby



**ORWELL ASTRONOMICAL  
SOCIETY (IPSWICH)  
SUMMER PICNIC**

**Saturday  
18th July 2026  
1pm to 8pm ish**

**Newbourne Village Hall  
Mill Road  
Newbourne  
IP12 4NP**

**OASI members and their family and  
friends are all invited.**

**Bring your own picnic food and drink and  
chairs and mats etc. If the weather is  
inclement we'll set up in the hall and  
kitchen.**

**If skies are clear the club's solar telescopes  
will be available for observations - or bring  
your own.**

# Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
  - Summer lay off
- SAS (Cavendish Memorial Hall, 7:30pm, Tuesdays)
  - Summer lay off
- AAA (Whepstead Village Hall, 7:30pm, Wednesdays)
  - June 24, 'The Sun & Solar Observing', Steven Richards and 'Neptune and it's Moons', Mike Kirkham
  - July 8, 'What's in the Night Sky in Summer', Mike Kirkham and 'Redshift - measuring extreme astronomical distances', Nigel Bond

# National Events

- Federation of Astronomical Societies Annual Convention
  - Saturday June 27
    - Cardiff University
- Society for Popular Astronomy
  - Saturday July 25
    - UCL, Gower St., London

# Summer Exhibition

- 'The Moon: Our Nearest Neighbour'
  - Friday June 26 to Saturday September 19
    - The Hold, Fore St., Ipswich
- plus related events
  - talks (Tue, June 30 & Thur, September 3)
  - public solar observing (Sat, August 8)
  - public lunar observing (Fri, September 18)



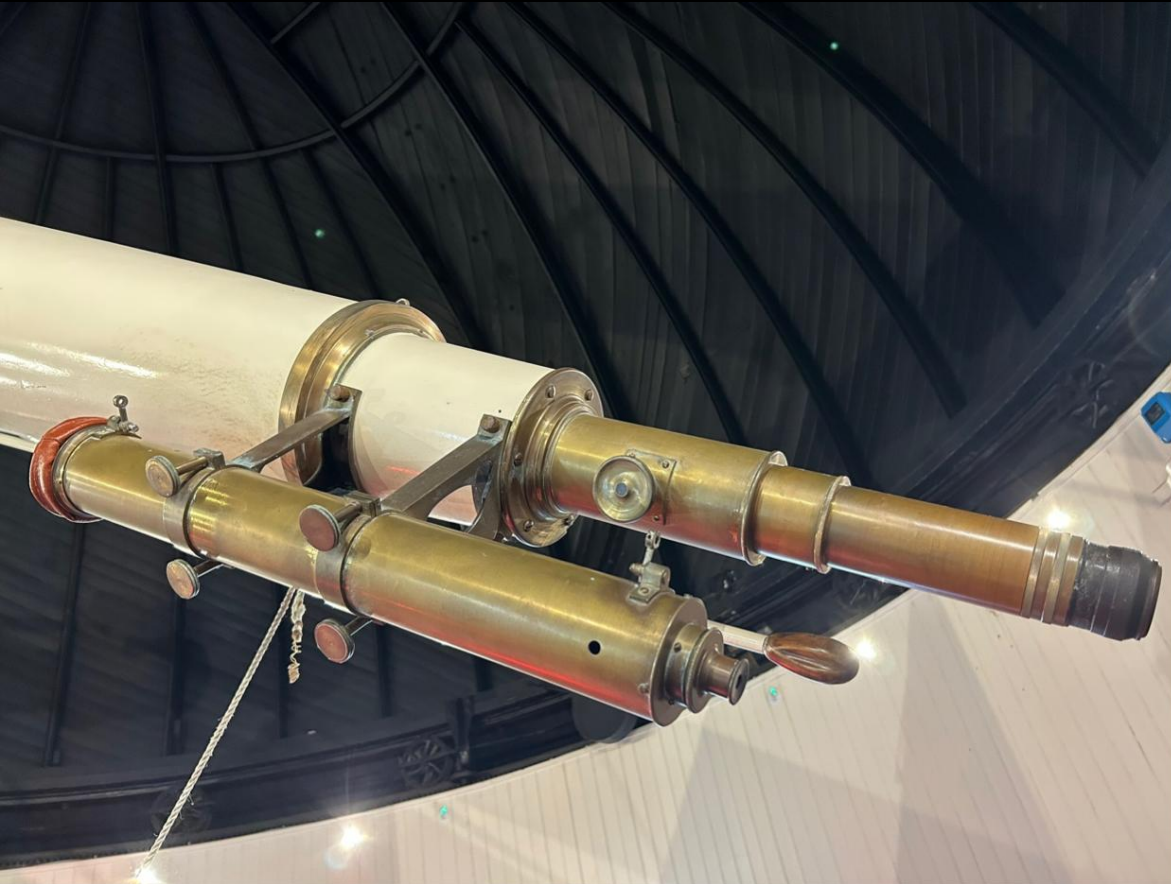
[The Moon: Our Nearest Neighbour](#)

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.

# Old Knurley's Twin?

- Seen on a recent visit to Dunsink Observatory, Dublin, Ireland
- $11\frac{3}{4}$ " (300mm) OG, 18' 10.7" (5.8m) f/l (1.48x Tomline Refractor)  $\approx$  120x?



# Latitude Festival

- Help needed!
- Saturday July 25, midday to midnight
- Outreach observer, who is also possibly prepared to drive to Henham