

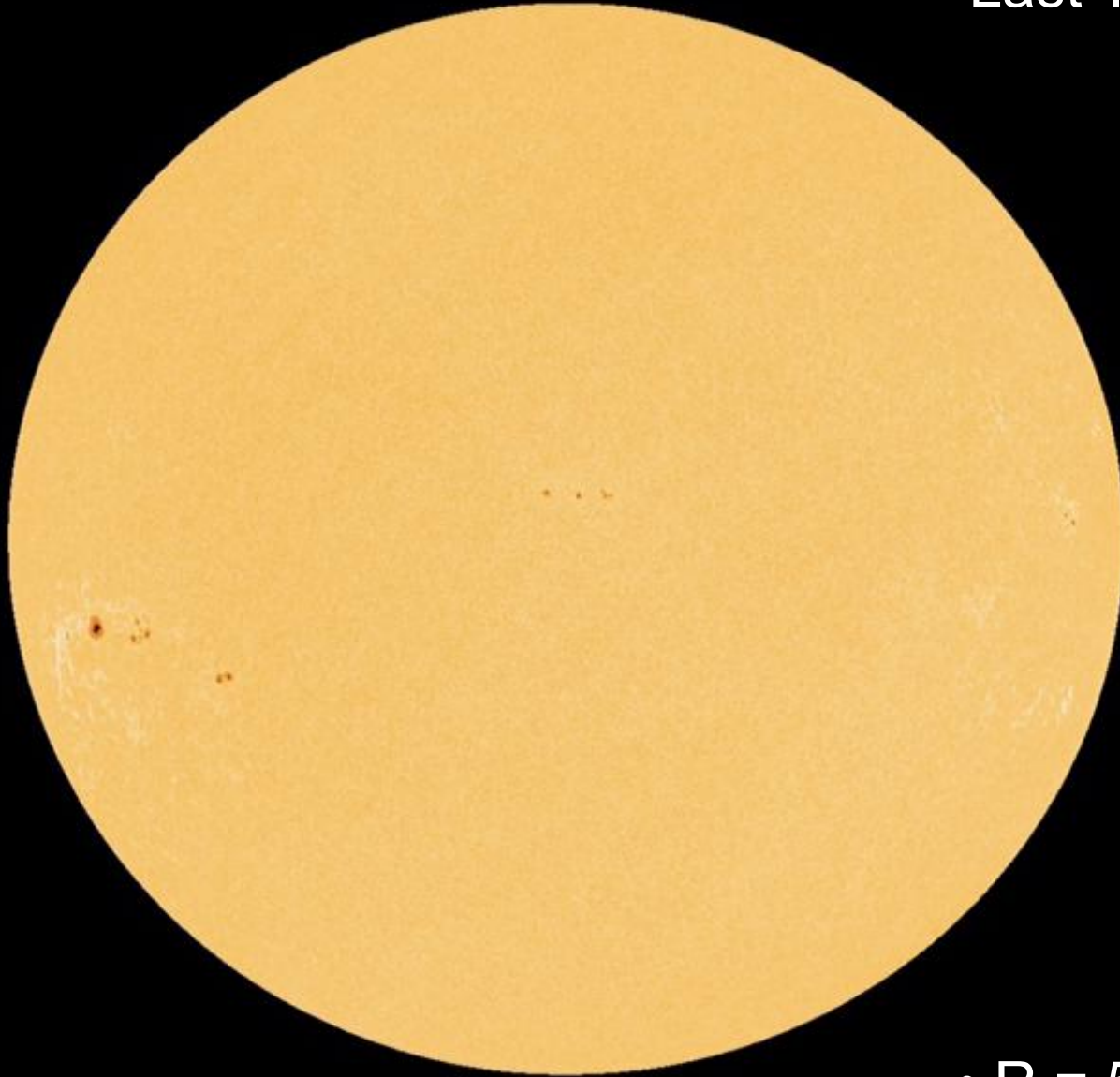
What's Up?

2026 July 27 to August 24

Bill Barton, FRAS



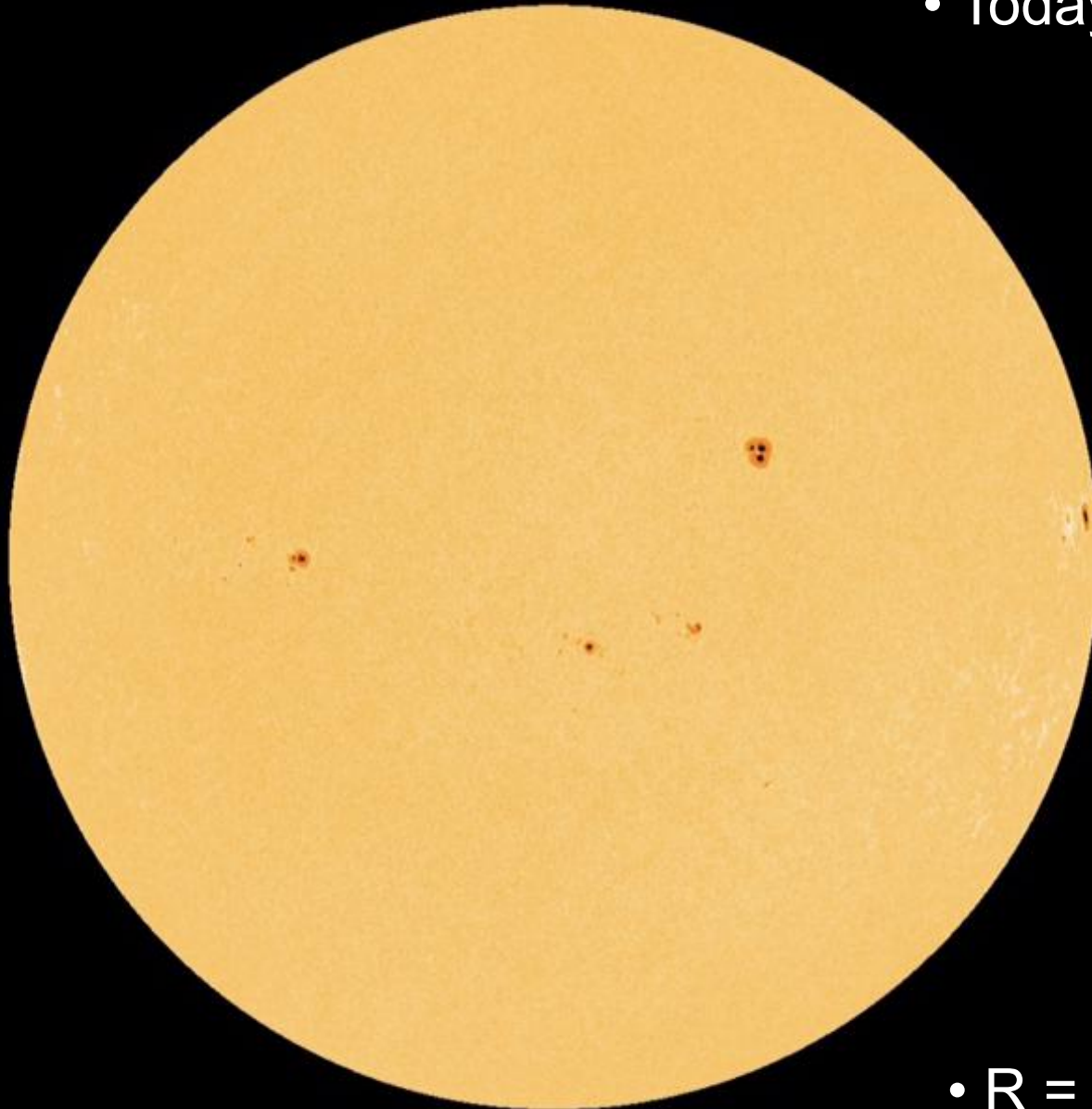
- Last Time



SDO/HMI Quick-Look Continuum: 20260622_043000

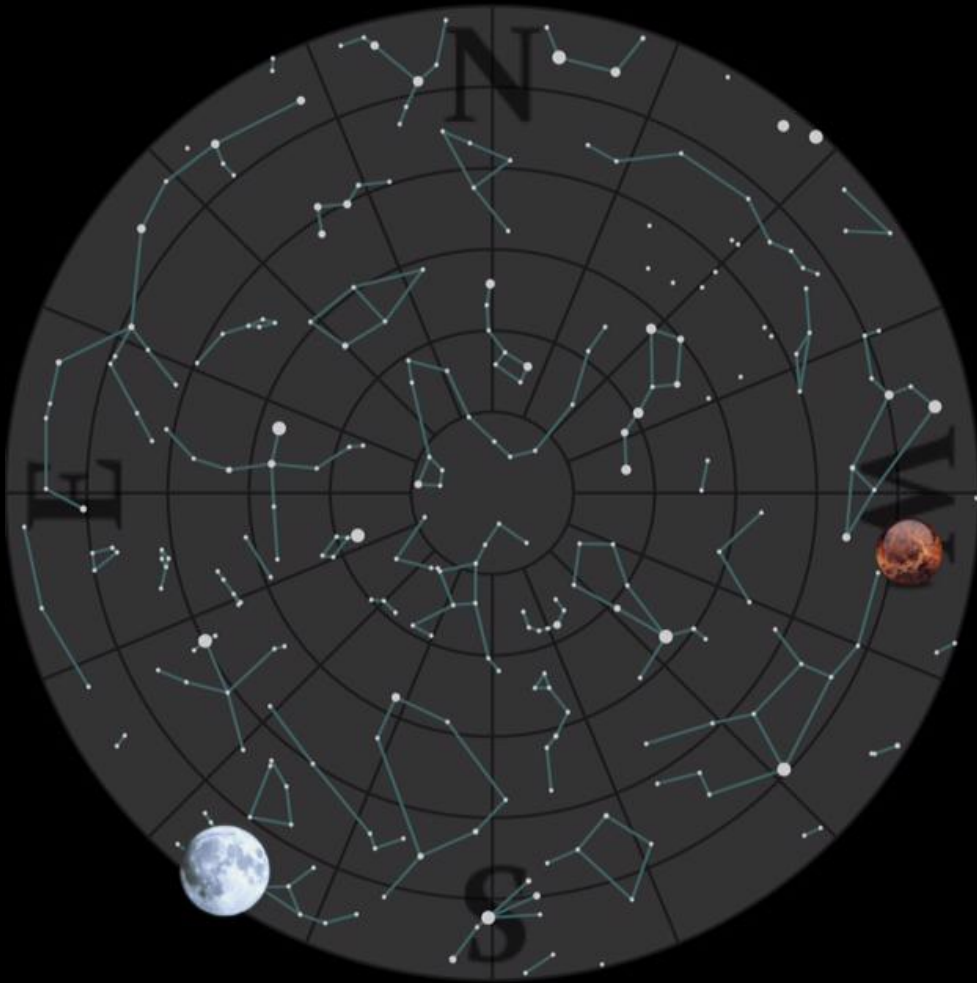
- $R = 53$

- Today

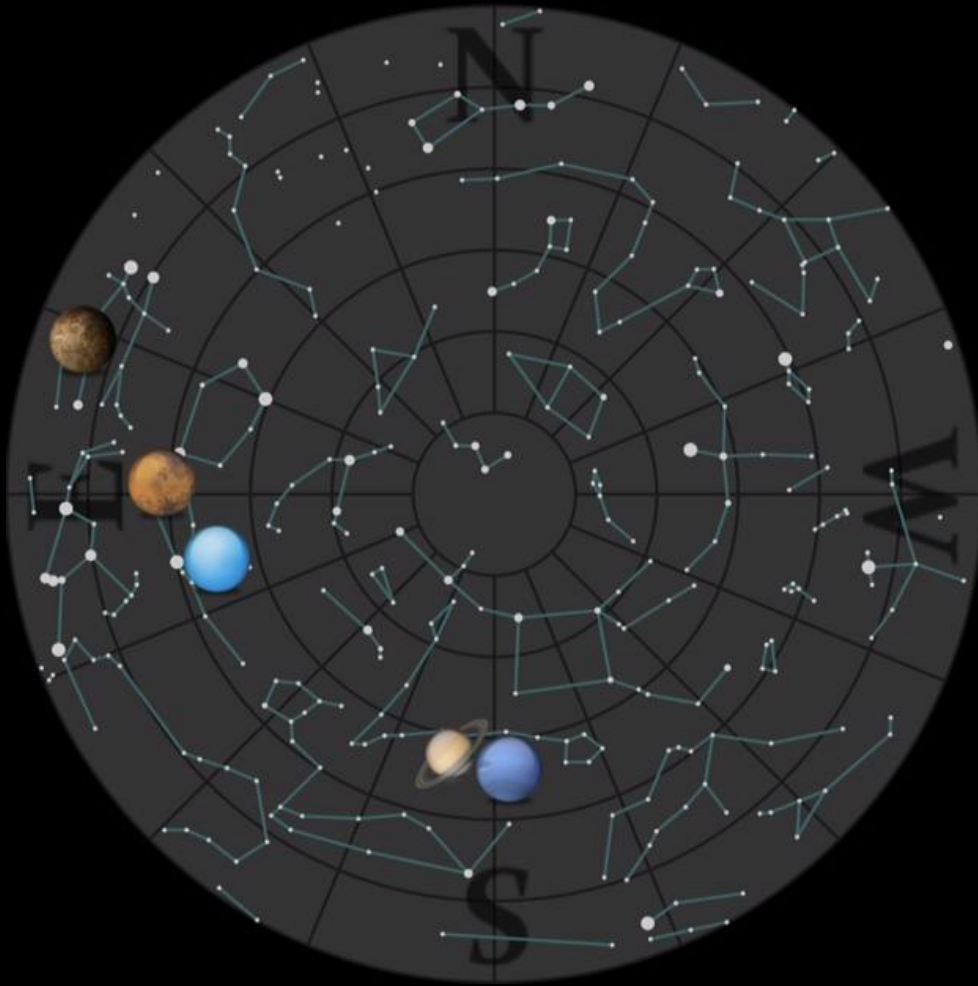


- $R = 99$

- The Sky 21:00
Tonight



- The Sky 05:00
Tomorrow



Inner Solar System

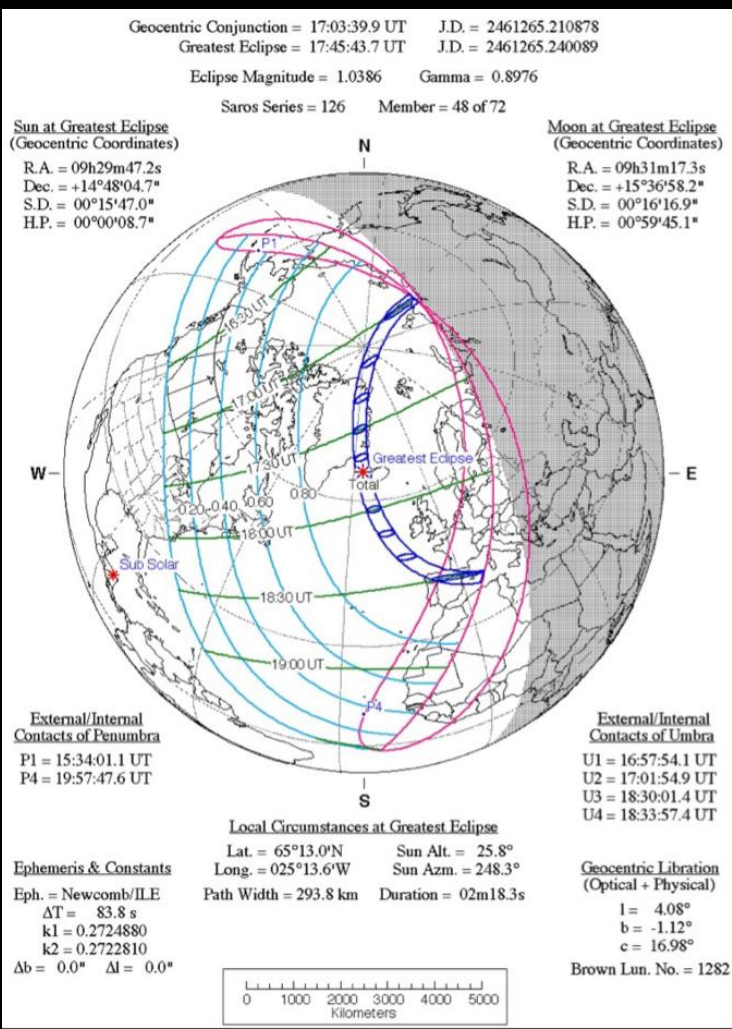
- Sun
 - Declination decreasing, equinox September 22.
 - Last sunspot max., 2024 October, next min., 2030?
- Mercury
 - Inferior conjunction July 13, the morning sky, greatest elongation on August 02 (20°), superior conjunction August 27, current phase 0.25, elongation 18° . 'Best seen' early to mid August.
 - Today, rise 03:45, transit 11:40, set 19:30
- Venus
 - In the evening sky, greatest elongation August 14 (46°), current phase 0.5, elongation 45°
 - Today, rise 09:25, transit 15:50, set 22:15

Earth

- Time
 - 00:00UT $\approx$ 20:20ST today
 - Today, sunrise 05:05, transit 13:00, sunset 20:50
 - End of period, sunrise 05:50, transit 12:55, sunset 20:00
- Moon
 -  Full, 29 ('Hay or Elk' Moon)
 -  Last Quarter, August 06
 -  New, 12 (eclipse)
 -  First Quarter, 20
- Meteors
 - Perseids, July 17 - August 24, max, August 13 (ZHR 80+)

August 12 Solar Eclipse

- Sunset 20:25 BST



alt / az

18° /270°

10° /282°

2° /293°



Max View in Ipswich, England

Global
Event:

Total Solar Eclipse

Local Type:

Partial Solar Eclipse in Ipswich,

Begins:

Wed, 12 Aug 2026, 18:16

Maximum:

Wed, 12 Aug 2026, 19:12 0.917
Magnitude

Ends:

Wed, 12 Aug 2026, 20:05

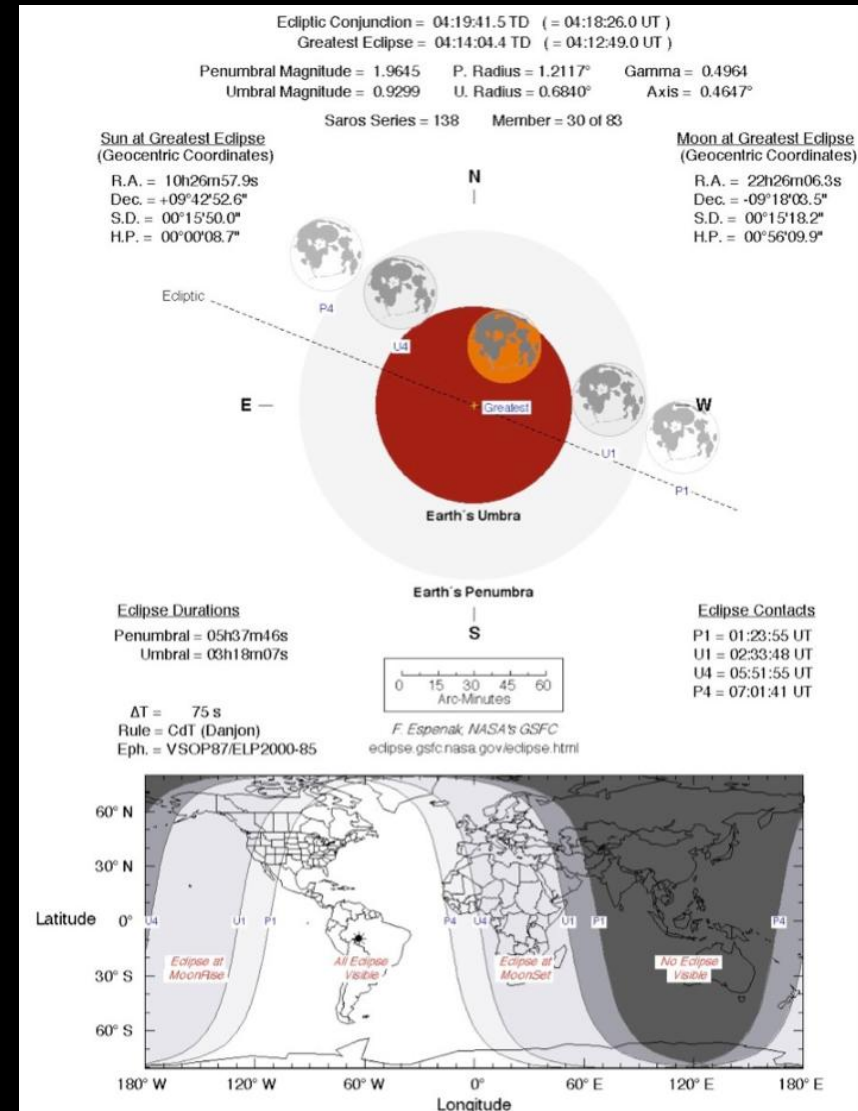
Duration:

1 hour, 49 minutes

All times shown on this page are local time.

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



Outer Solar System I

- Mars
 - Opposition February 19, 2027. Today, rise 01:30, transit 09:45, set 18:00
- Jupiter
 - Conjunction July 29. Opposition February 11, 2027. Today, rise 05:10, transit 13:00, set 20:55
- Saturn
 - Opposition October 04. Today, rise 23:00, transit 05:20, set 11:50
- Uranus
 - Opposition November 25. Today, rise 00:30, transit 08:45, set 16:40
- Neptune
 - Opposition September 26. Today, rise 22:40, transit 04:45, set 10:45

Outer Solar System II

- Pluto
 - Opposition July 27 (today), mag +15,
 - RA 20h 23.9m, dec $-23^{\circ} 25.3'$

OASI Events I

- Orwell Park Observatory **CLOSED** Wednesday 05 & 19, August.
Meet here (Newbourne) instead.
- Wednesday 12 August, Orwell Park Observatory or Sutton (TBA).
- The Giant '?', Fore Street, Ipswich
 - Saturday 08 August, 11:00-16:00
 - Public solar observing
- Sutton Heath
 - Wednesday 12 August, from 17:30
 - Solar eclipse observing

OASI Events II

- Recorded Presentation
 - Monday 17 August, from 20:00 on Zoom
 - 'Sunny, with a Chance of Catastrophe', Sean Elvidge
- Bawdsey Radar Museum
 - Monday 31 August, 11:00-16:00
 - Public solar observing, help needed!

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - August 01, Bramfield Village Fete
 - August 08, Darsham Village Fete
 - August 12, Solar Eclipse Observing, NT Dunwich Heath
 - August 22/23, Framlingham Country Show
- SAS (Cavendish Memorial Hall, 7:30pm, Tuesdays)
 - Summer lay off
- AAA (Whepstead Village Hall, 7:30pm, Wednesdays)
 - August 05, 'Summer Constellations', Paul Foreman
 - August 19, 'Signals from Space', Paul Fellows

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 solar observing (Sat, August 8)
 - at the '?'
 - 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.

Books

- a quantity of second-hand astronomy books is currently available
- 130 or so titles
- free for the asking