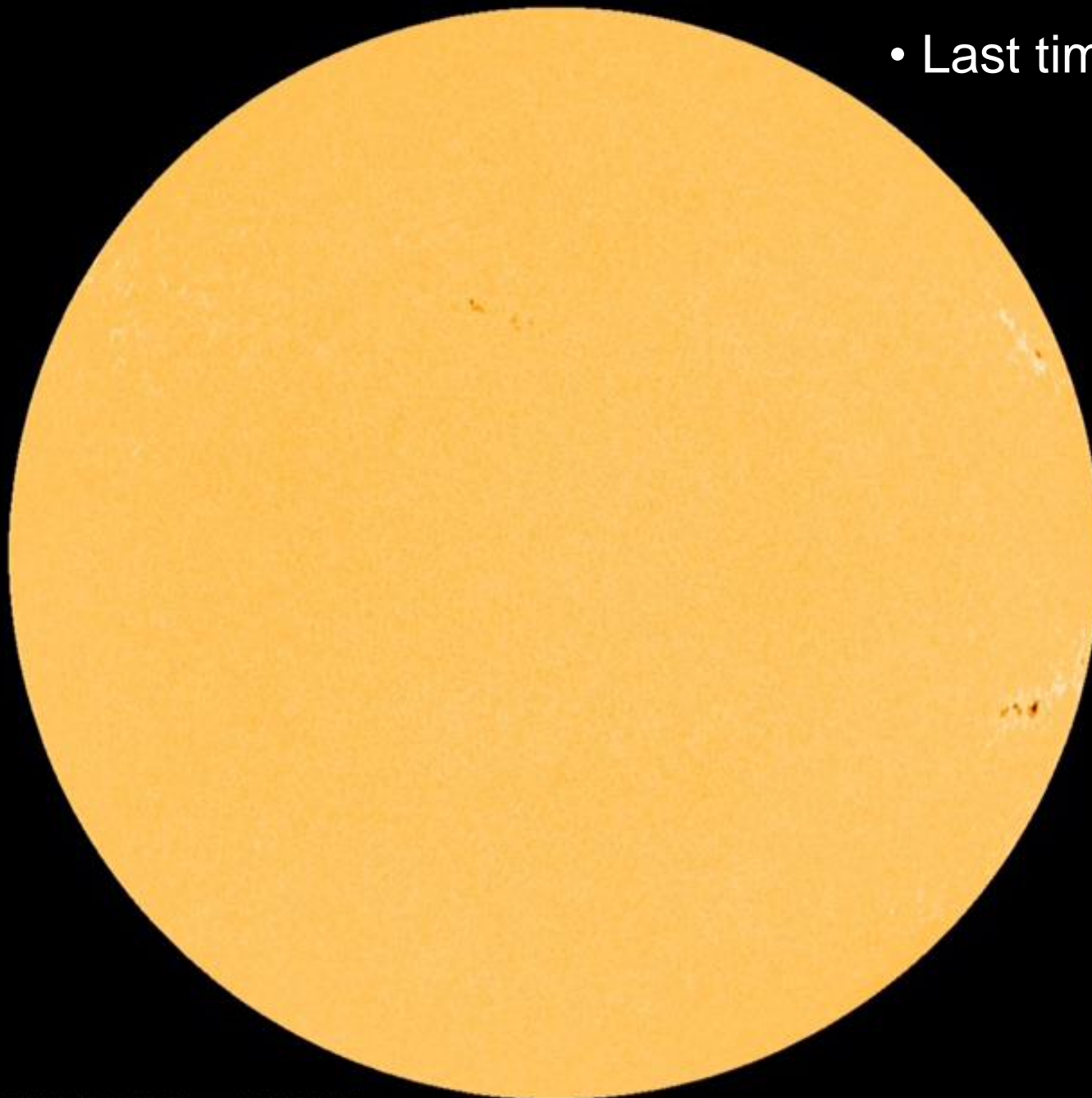


What's Up?

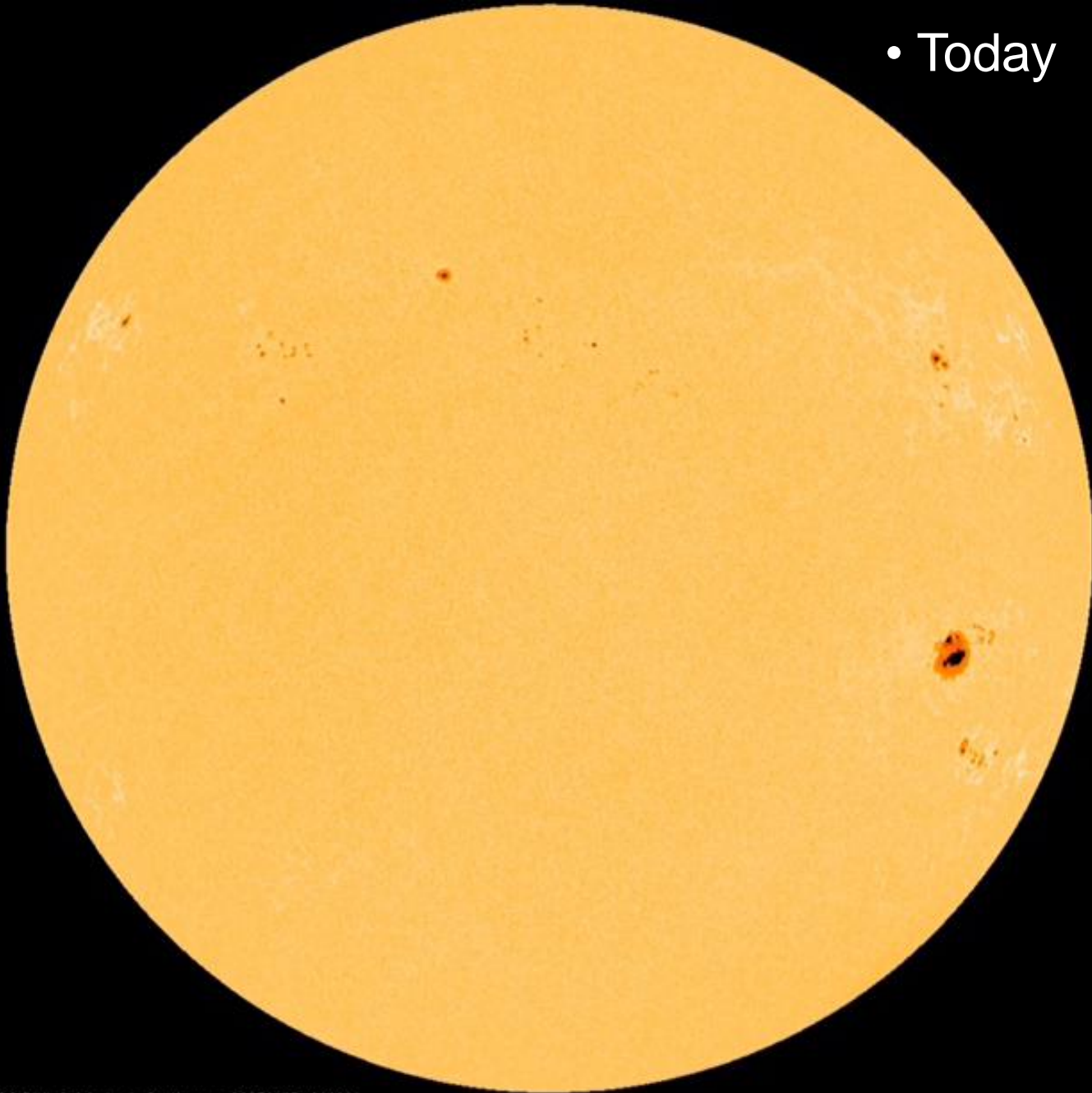
2023 January 23 to February 27

Bill Barton, FRAS

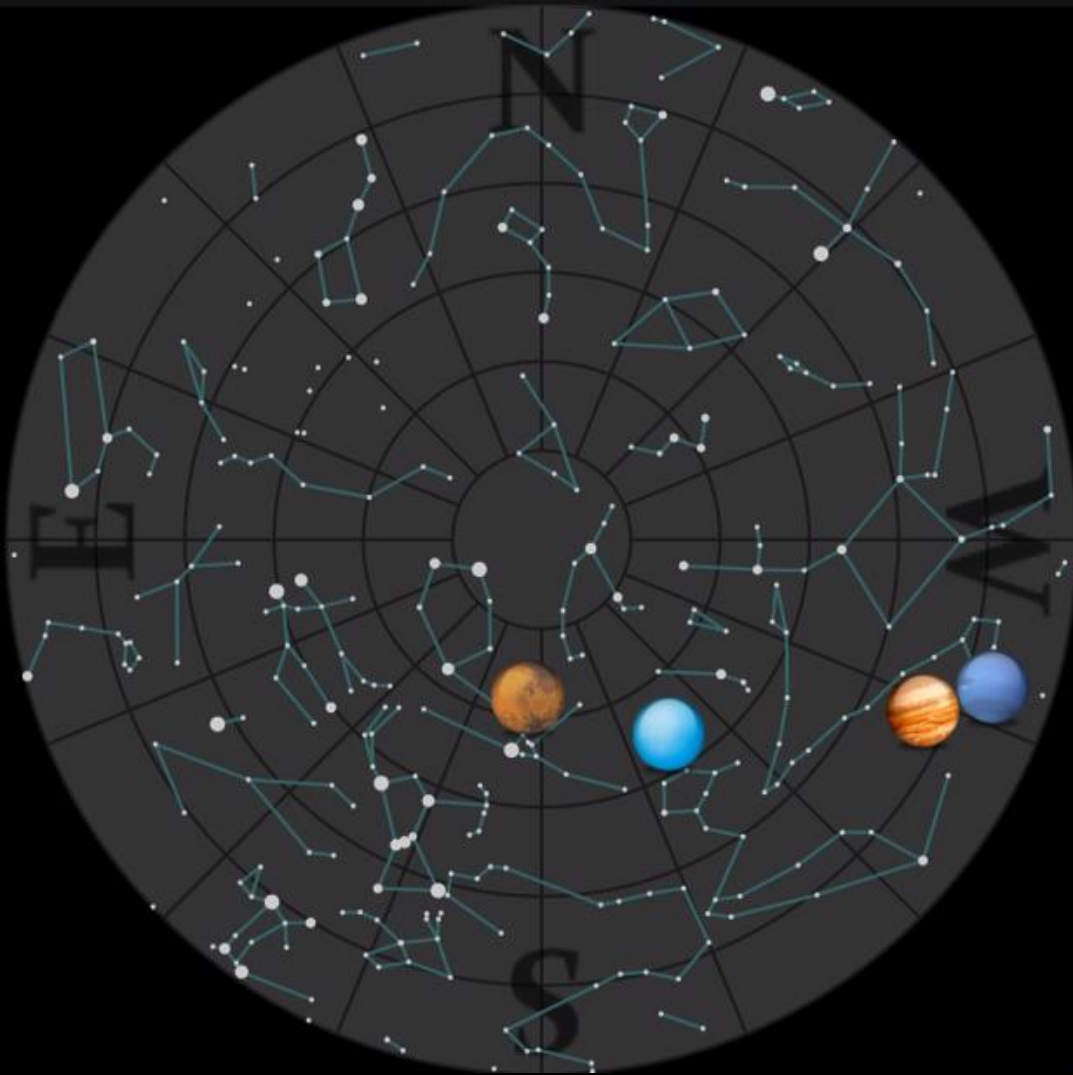
- Last time



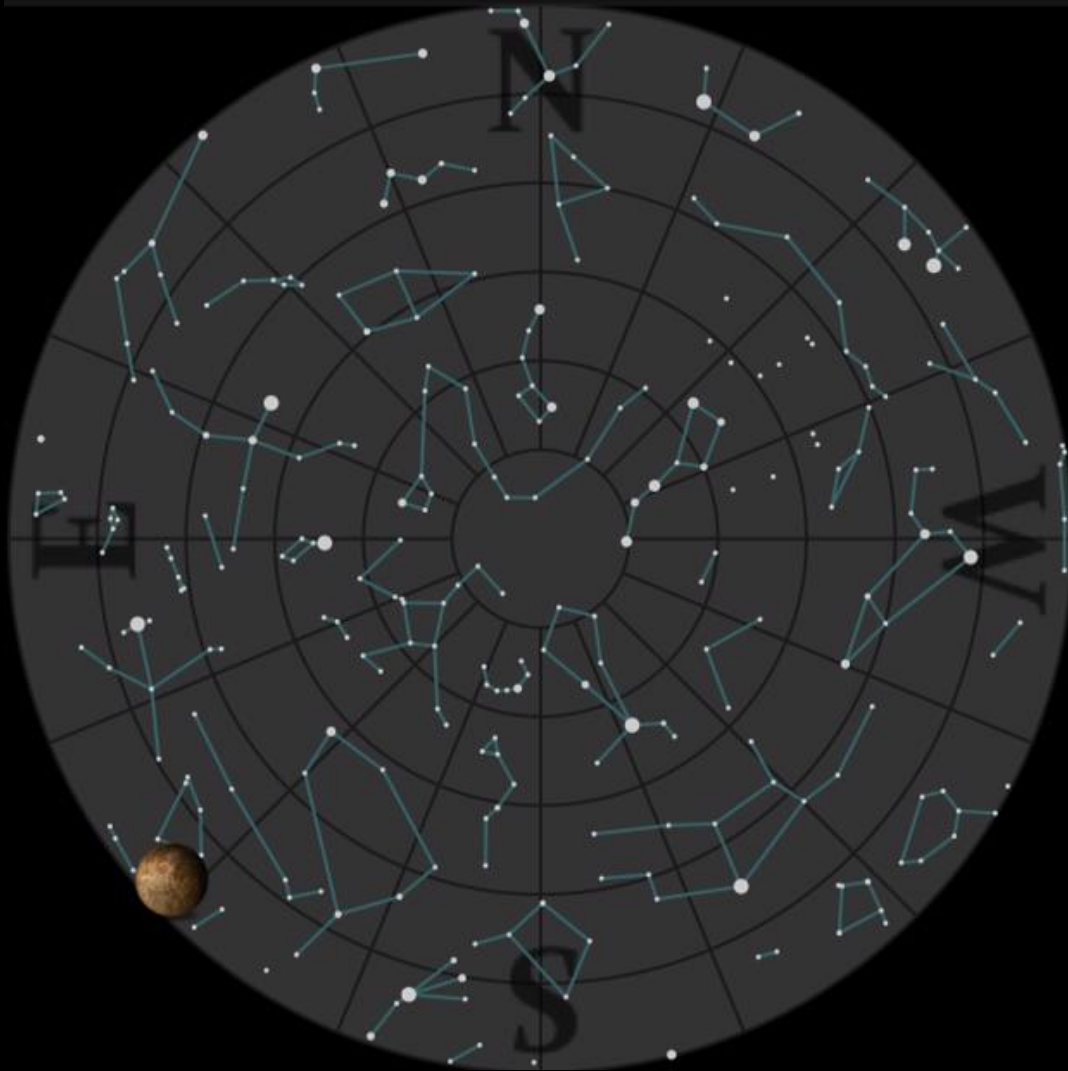
• Today



- The Sky 20:00 Tonight



- The Sky 07:00
Tomorrow



Inner Solar System

- Sun
 - Declination increasing, equinox Mar. 20
- Mercury
 - In morning sky, greatest elongation Jan. 30 (25°), currently 24° , mag. 0.0 increasing (+5 to -2)
 - Then superior conjunction Mar. 17
 - Today, rise 06:15, transit 10:25, set 14:30
 - Good observing opportunity
- Venus
 - In evening sky greatest elongation Jun. 04 (45°), currently 22°
 - Today, rise 08:50, transit 13:35, set 18:20

Earth

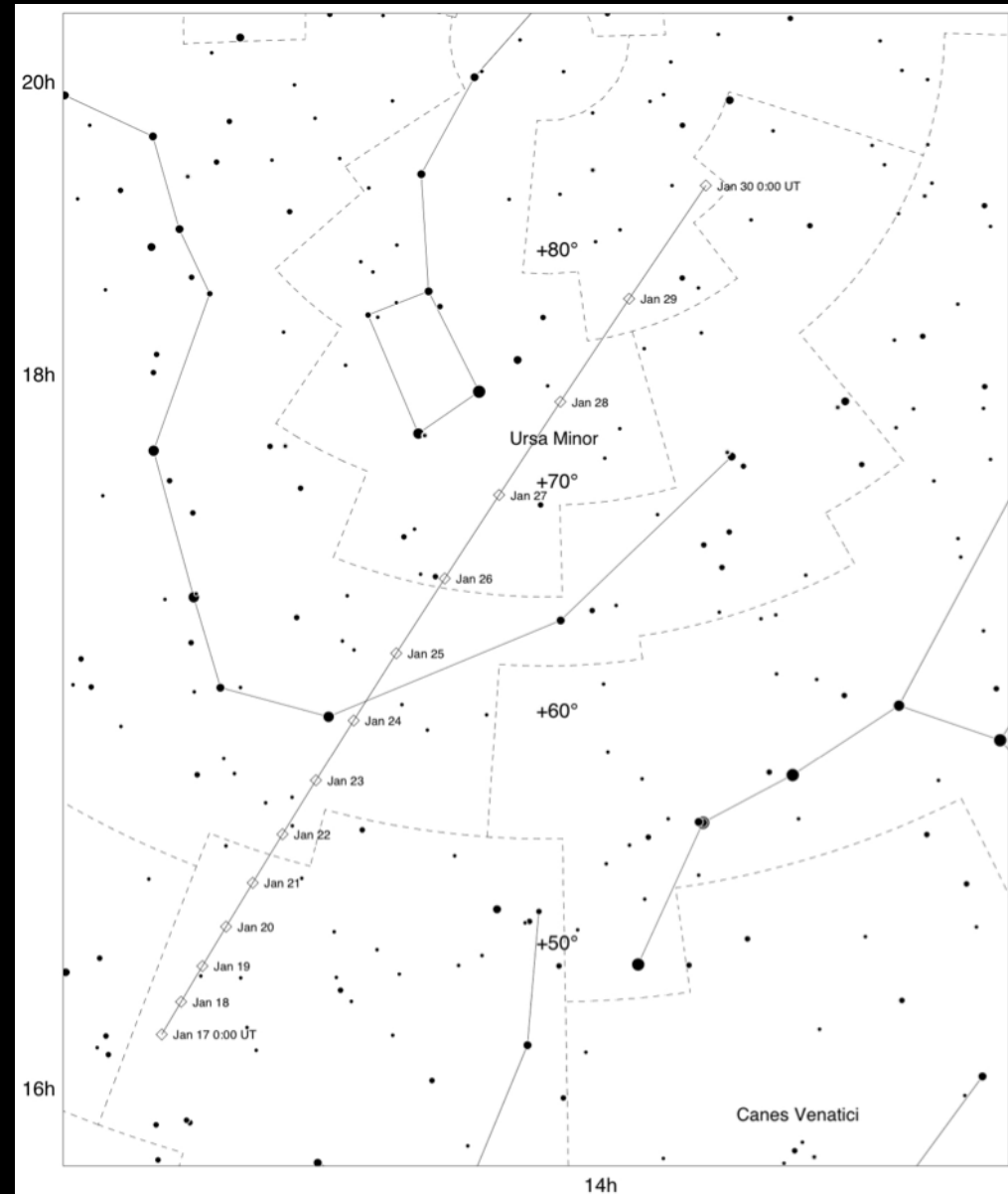
- Time
 - 00:00UT \approx 08:10ST today
 - Today, sunrise 07:50, transit 12:05, sunset 16:25
 - End of period, sunrise 06:45, transit 12:05, sunset 17:30
- Moon
 - 🌒 First Quarter, Jan. 28
 - 🌕 Full, Feb. 05 ('Snow or Hunger' Moon)
 - 🌑 Last Quarter, Feb. 13
 - 🌑 New, Feb. 20
- Meteors
 - None of note?

Conjunctions

- None of note this period

Comets

- C/2022 E3 (ZTF), mag 6
- perihelion, Jan. 12 (1.11au)
- perigee, Feb. 01 (0.28au)
- also visible
- C/2020 V2 (ZTF), mag 9
 - Fritz Zwicky (1898-1974)



Outer Solar System

- Mars
 - Conjunction Nov. 18. opposition 2025 Jan. 16. Today, rise 11:40, transit 20:10, set 04:35
- Jupiter
 - Conjunction Apr. 11, opposition Nov. 03. Today, rise 09:55, transit 16:00, set 22:10
- Saturn
 - Conjunction Feb. 17, opposition Aug. 27. Today, rise 08:50, transit 13:30, set 18:20
- Uranus
 - Conjunction May 09, opposition Nov. 13, Today, rise 11:00, transit 18:30, set 02:00
- Neptune
 - Conjunction Mar. 15, opposition Sept. 19, Today, rise 09:35, transit 15:20, set 21:05

OASI Events

- Outreach
 - Sunday 29 Jan. Cedarwood School, Kesgrave, setup from 18:00
 - Thursday 16 Feb., Norwich Science Festival, Norwich Forum, setup from 10:00
- John Barbrook, 'Ipswich & District Astronomical Society (1950-55)'
 - 27 Feb., here

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - Feb. 05, Paul Webb, 'How to Find What's in the Night Sky'
 - Feb. 19, Observing Session
- LYRA (Parkhill Hotel, Oulton, 7:30pm, Tuesdays)
 - TBA
- AAA (Whepstead Village Hall, 7:30pm, Wednesdays)
 - TBA

National Events I

- SPA Meeting
 - 14:00-18:00, Saturday, Jan. 28, Gustave Tuck Lecture Theatre, University College London, Gower St, London WC1.
 - Prof Tom Kitching (UCL-MSSL), Making Dark Matter Maps with Euclid
 - Robin Scagell will highlight the events coming up in the sky for the next three months
 - Dave Eagle, TBA
- European Astrofest
 - Friday & Saturday, Feb. 3-4, Kensington Conference and Events Centre, London

National Events II

- CPRE Star Count 2023
 - Feb. 17-24
 - Count of stars within Orion
- Practical Astronomy Show 2023
 - 09:00-17:00, Saturday Mar. 11, Kettering Conference Centre, Thurston Drive, Kettering NN15 6PB