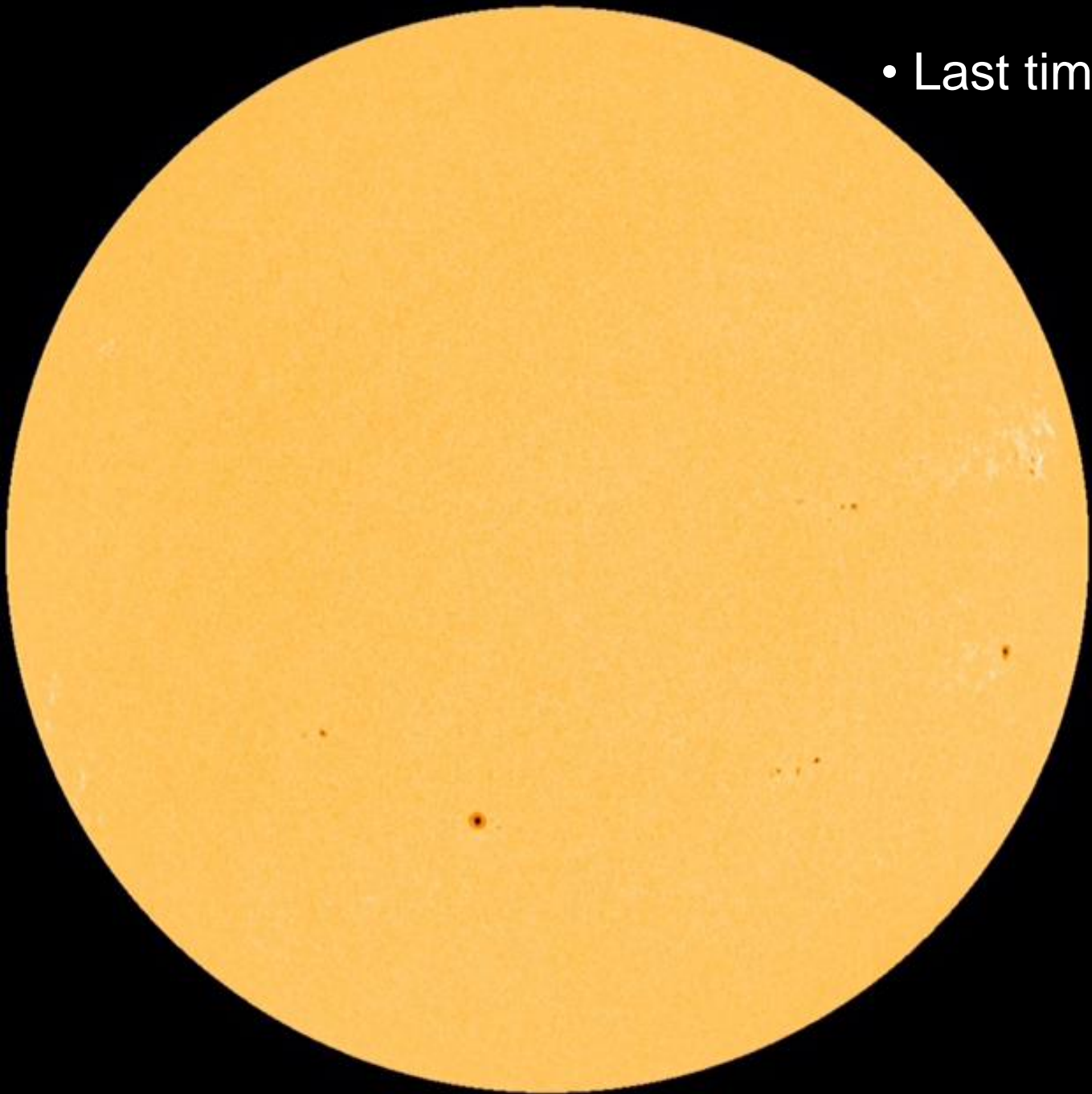


What's Up?

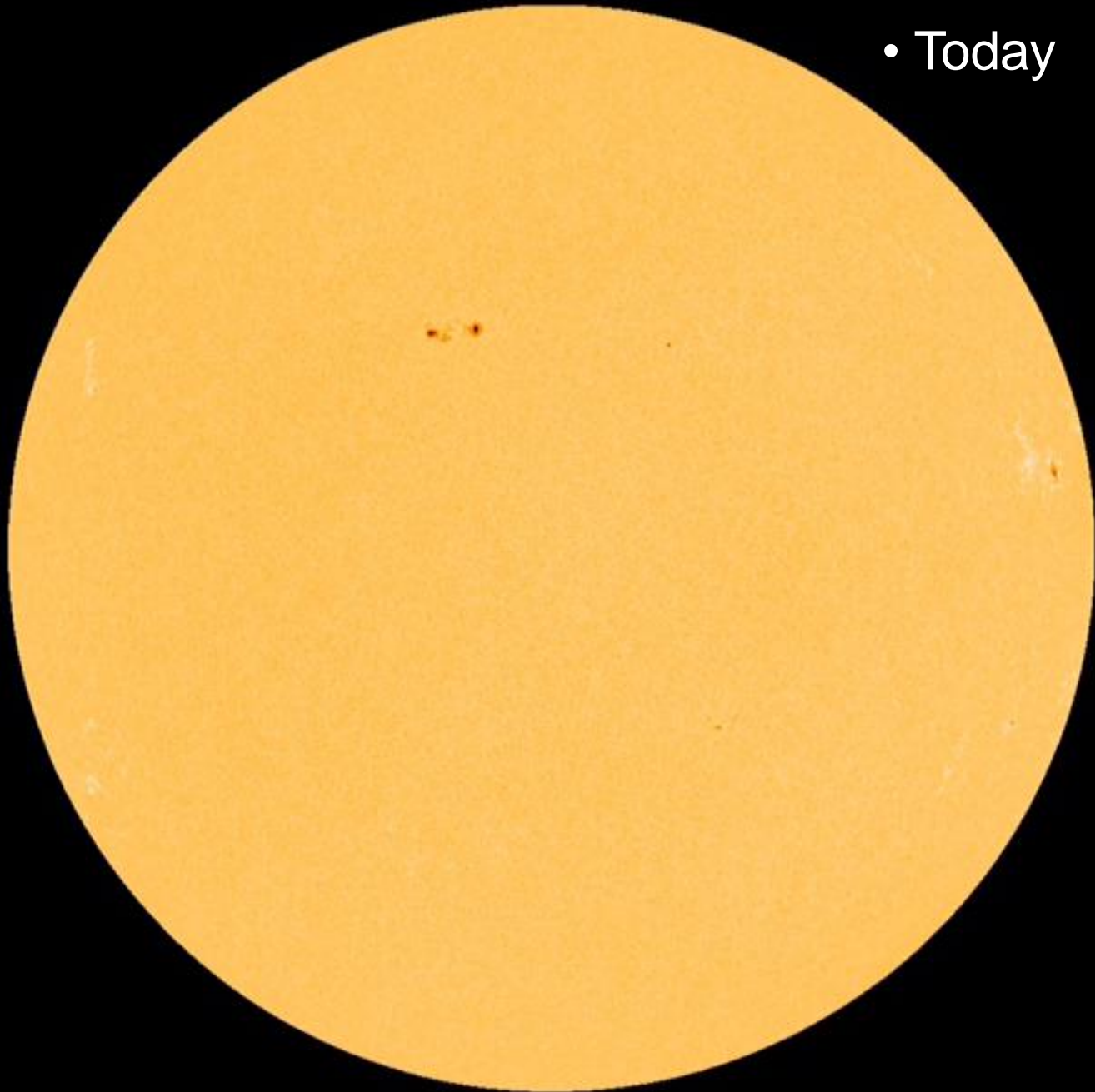
2022 August 22 to September 26

Bill Barton, FRAS

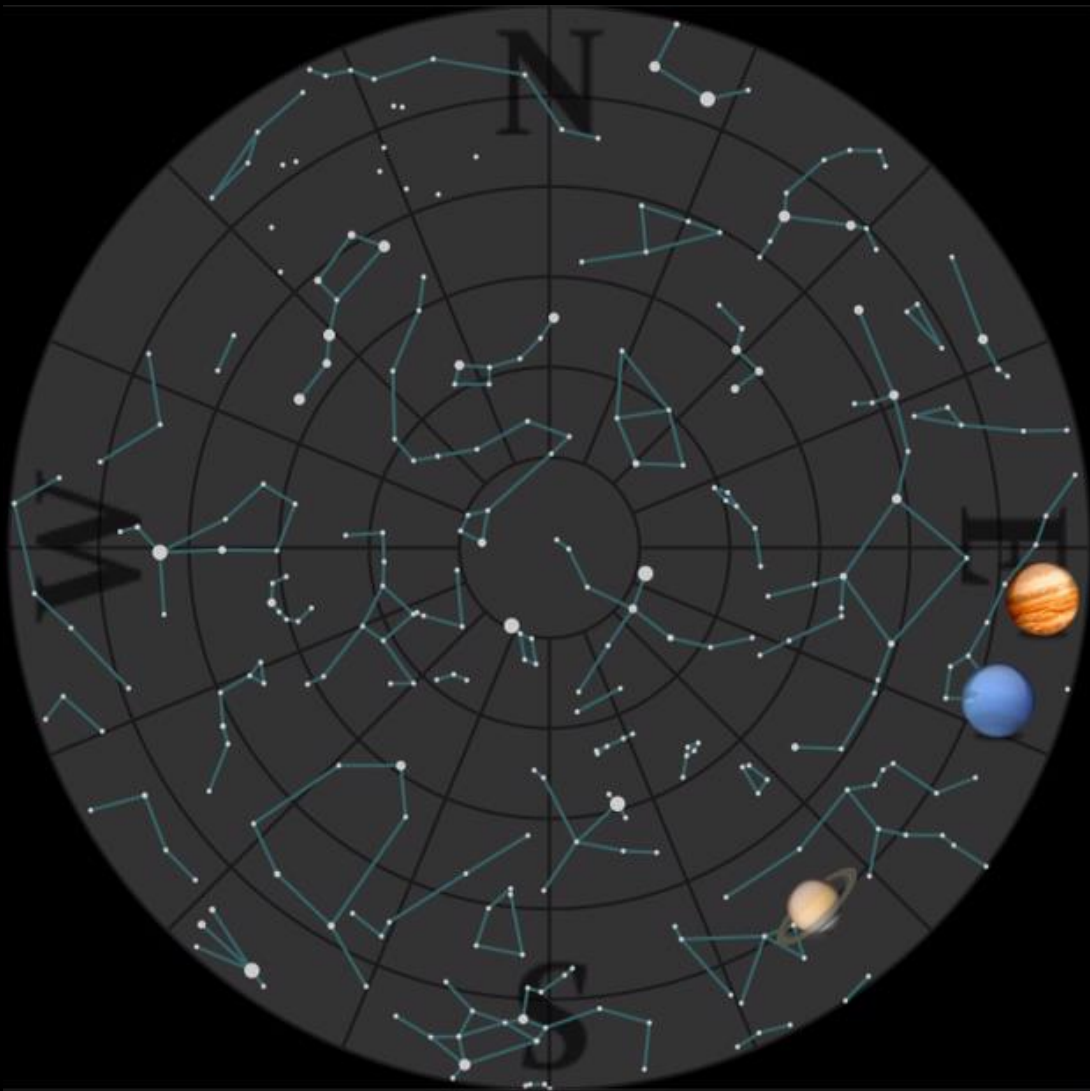
- Last time



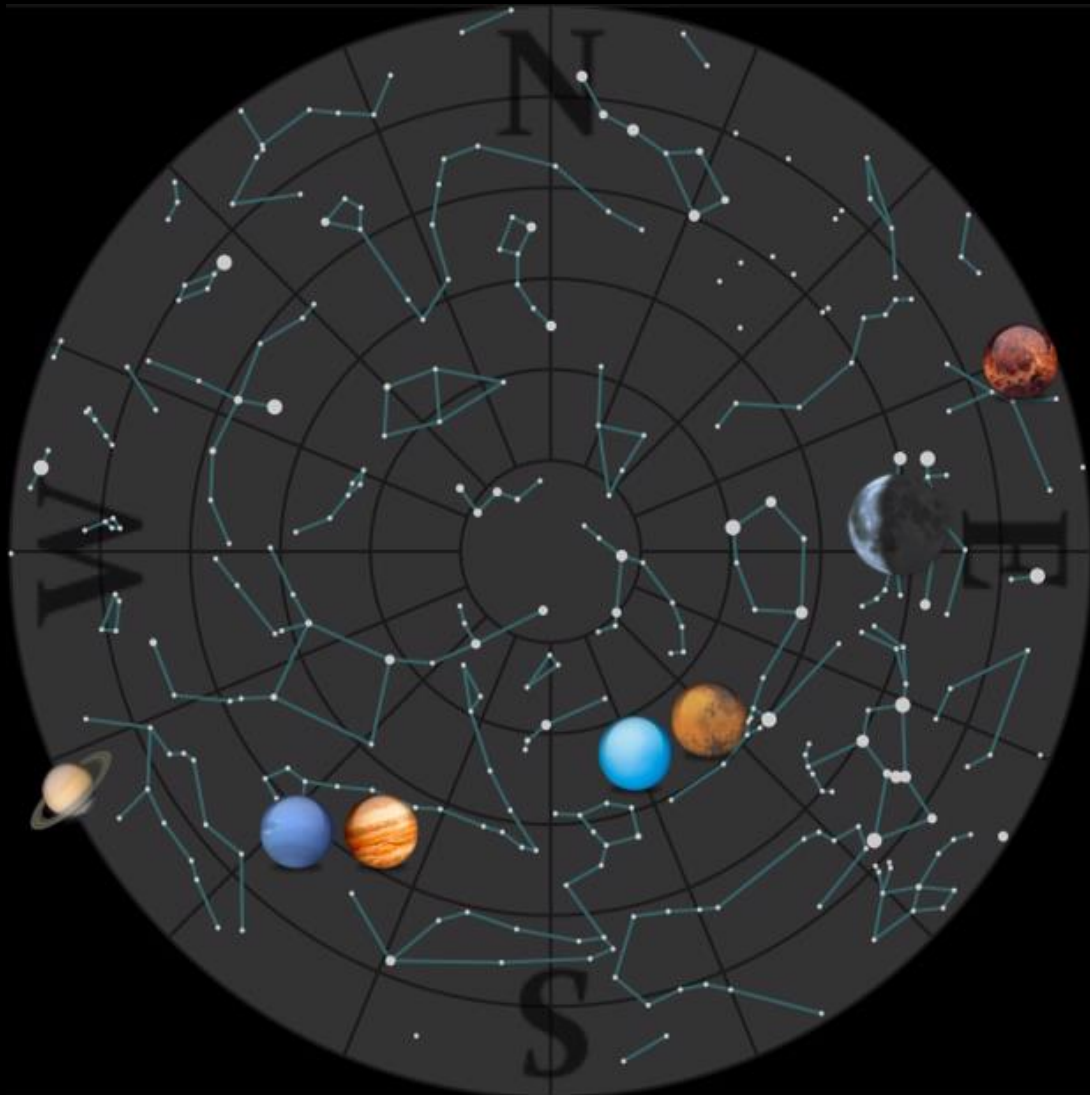
• Today



- The Sky 22:00
Tonight







- The Sky 05:00
Tomorrow



Inner Solar System

- Sun
 - Declination decreasing, equinox Sept. 23, solstice Dec. 21
- Mercury
 - In evening sky, greatest elongation Aug. 27 (27°), currently 26°
 - Inferior conjunction Sept. 23
 - Today, rise 08:25, transit 14:30, set 20:40
- Venus
 - In morning sky greatest elongation Mar. 20 (47°), currently 16°
 - Superior conjunction Oct. 22
 - Today, rise 04:10, transit 11:50, set 19:30

Earth

- Time
 - 00:00UT \approx 22:00ST today
 - Today, sunrise 05:50, transit 12:55, sunset 20:05
 - End of period, sunrise 06:45, transit 12:45, sunset 18:45
- Moon
 -  New, 27, Sept, 25
 -  First Quarter, Sept. 03
 -  Full, 10 (Harvest Moon)
 -  Last Quarter, 17
- Meteors
 - None of note this period

Occultations

- Lunar
 - Uranus, mag 5.7, Sept. 14, DB 22:28, RD 23:20
 - Moonrise, 20:30
 - Moonset, 12:40 (Sept. 15)

Conjunctions

- None of note this period

Outer Solar System

- Mars
 - Opposition Dec. 08. Today, rise 23:00, transit 06:50, set 14:35
- Jupiter
 - Opposition Sept. 26. Today, rise 21:10, transit 03:20, set 09:35
- Saturn
 - Opposition Aug. 04. Today, rise 19:50, transit 00:30, set 05:10
- Uranus
 - Opposition Nov. 09. Today, rise 22:20, transit 06:00, set 13:30
- Neptune
 - Opposition Sept. 16. Today, rise 20:50, transit 02:35, set 08:20

OASI Events

- Sunday, Aug. 28, from 10:00am, Solar Day at Bawdsey Radar Museum
- Friday, Sept. 8, 8:00pm, Recorded Zoom talk, Mike Foulkes, “Observing the Satellites of the Giant Planets”

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - Aug. 28, from 11:00am, Solar Observing, Dunwich National Trust
 - Sept. 11, Matt Bothwell, “Hubble Trouble-Measuring the Expansion of the Universe”
 - Sept. 17 & 18, Henham Steam Rally
 - Sept. 25, observing meeting
- LYRA (Parkhill Hotel, Oulton, 7:30pm, Tuesdays)
 - Sept. 13, LYRA President Matt Bothwell, TBA
- AAA (Whepstead Community Centre, 7:30pm, Wednesdays)
 - Sept. 14, Bill Barton, “Regency Era Astronomy in Suffolk”

National Events

- BAA Autumn Weekend Meeting, “A Sun and its Solar System”
 - Friday Sept. 9 to Sunday Sept. 11, Moray College, Elgin, Scotland (booking required)
- Autumn Star Party
 - Tuesday, Sept. 20 to Tuesday, Sept. 27, Kelling Heath, Norfolk

Advance Notice

- Grace Cook School, Fuller Way, Stowmarket
 - Official Opening, Friday, Oct. 14