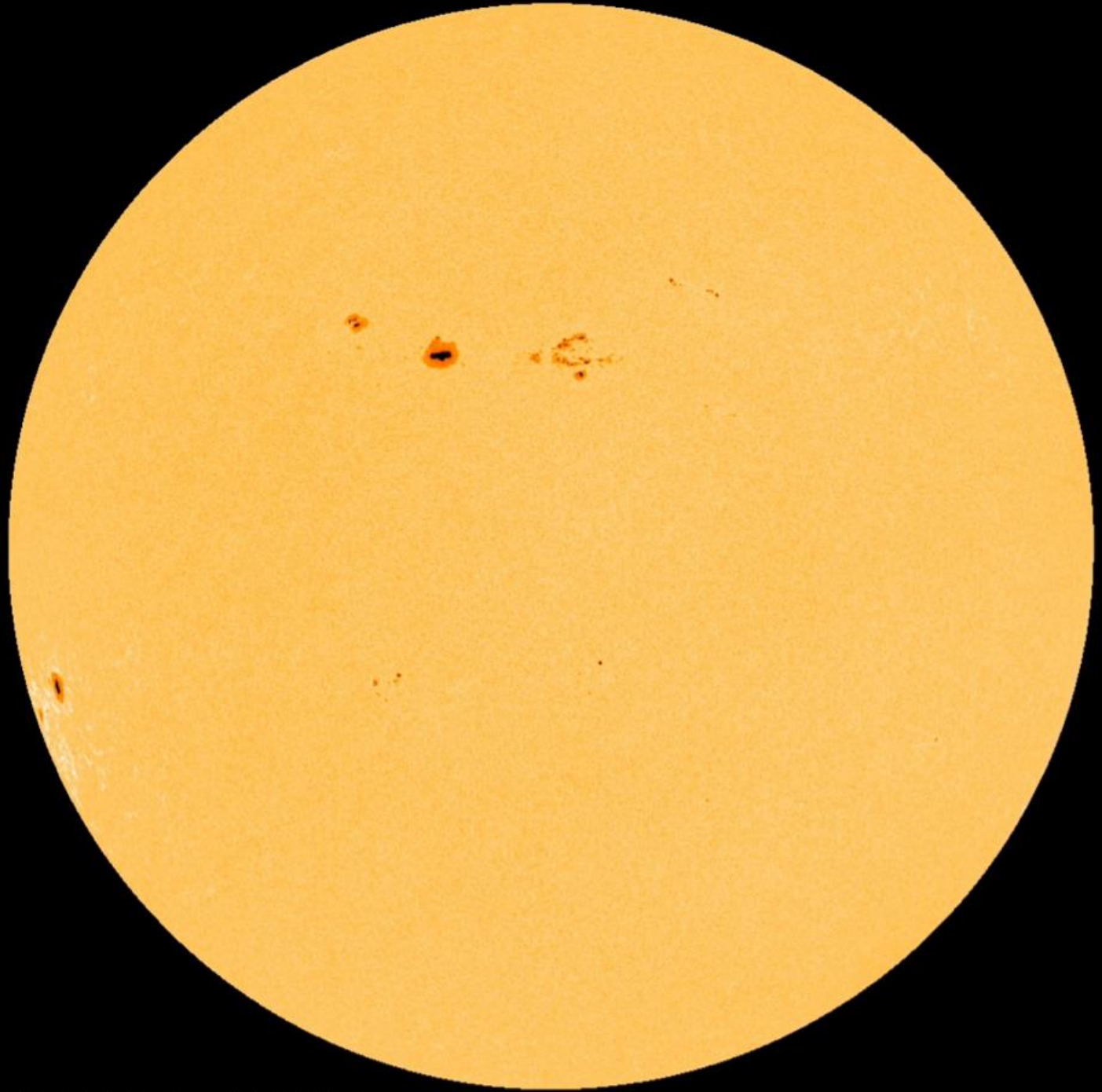
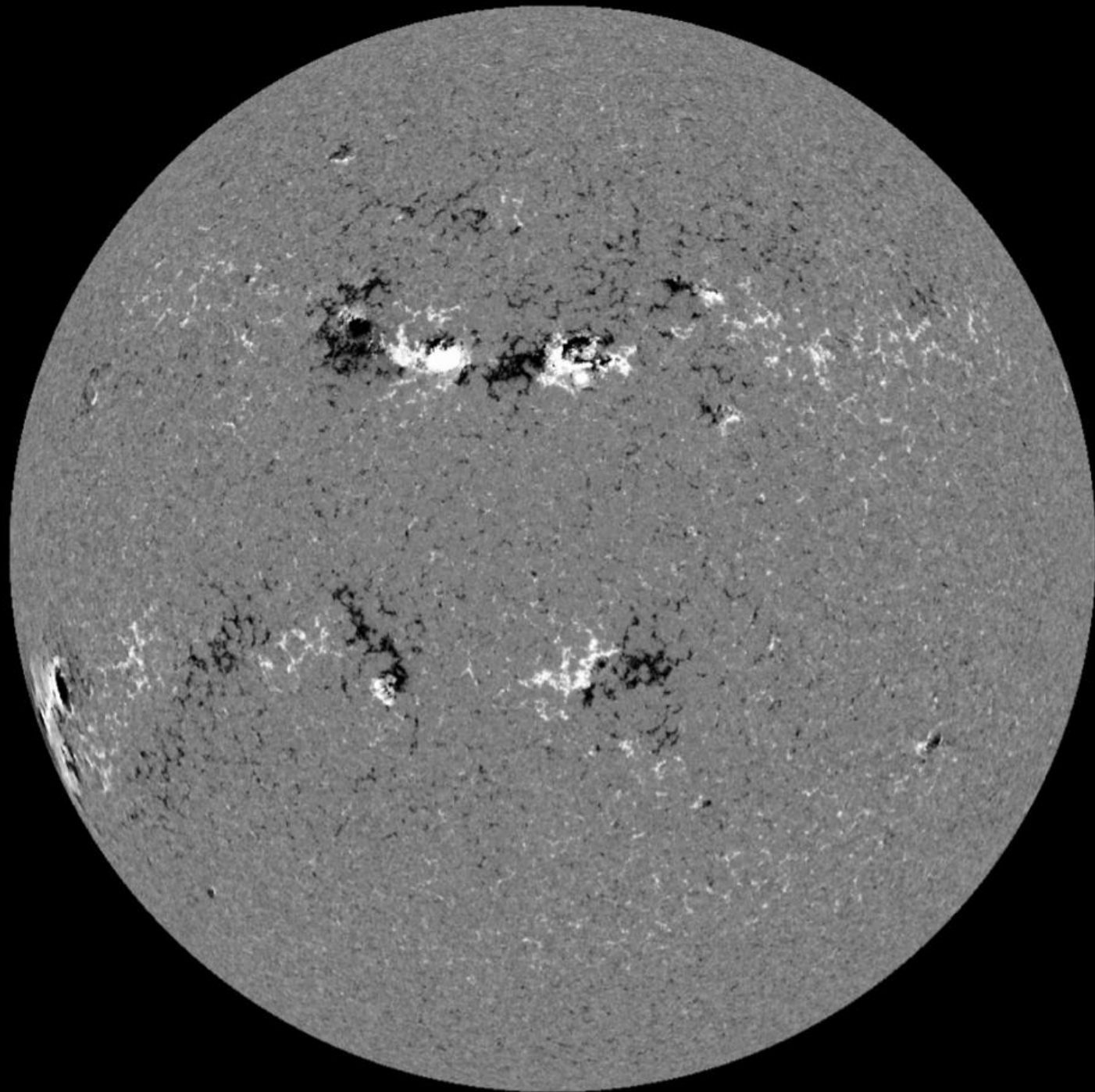


What's Up?

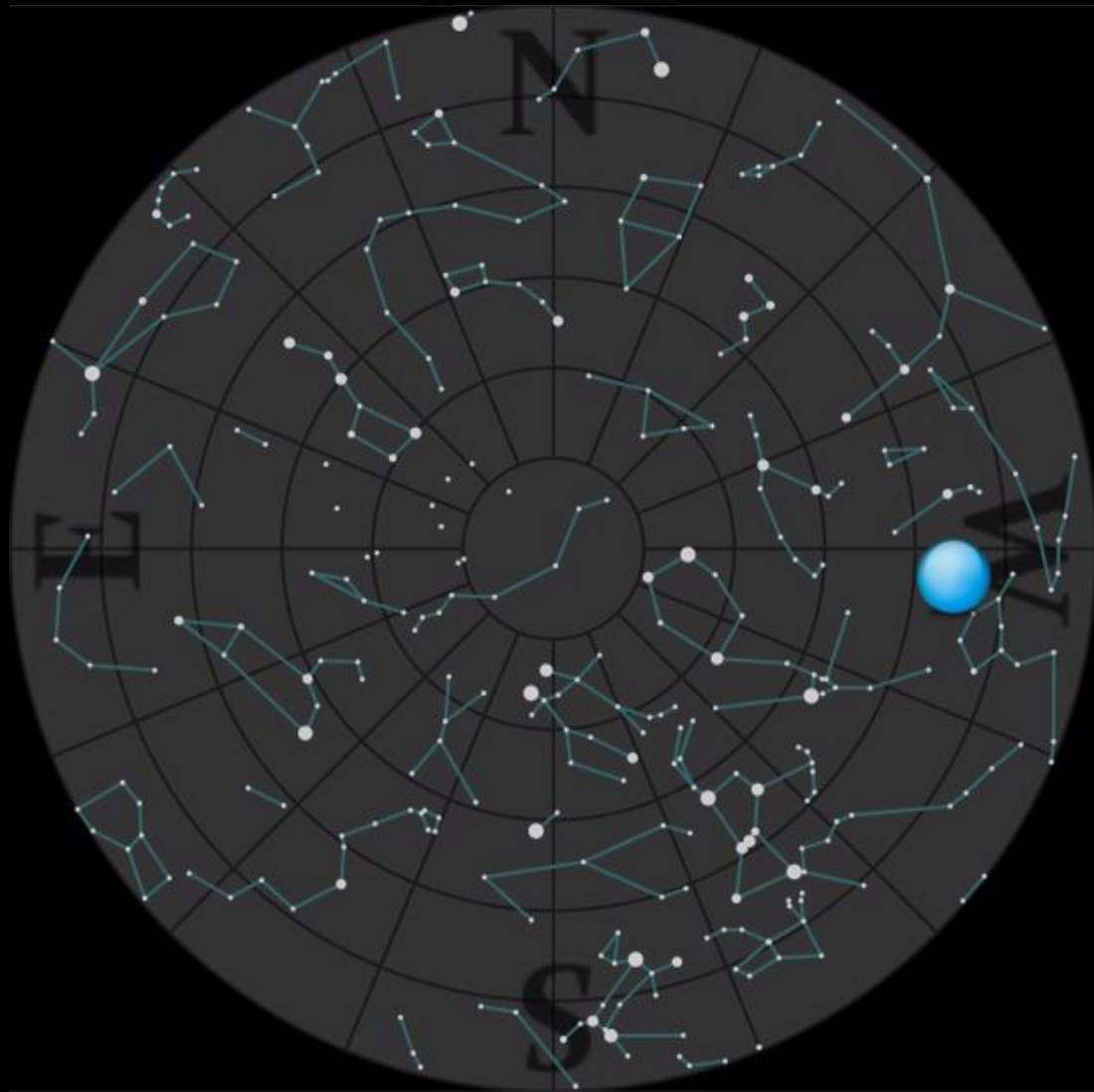
2022 March 28 to April 25

Bill Barton, FRAS

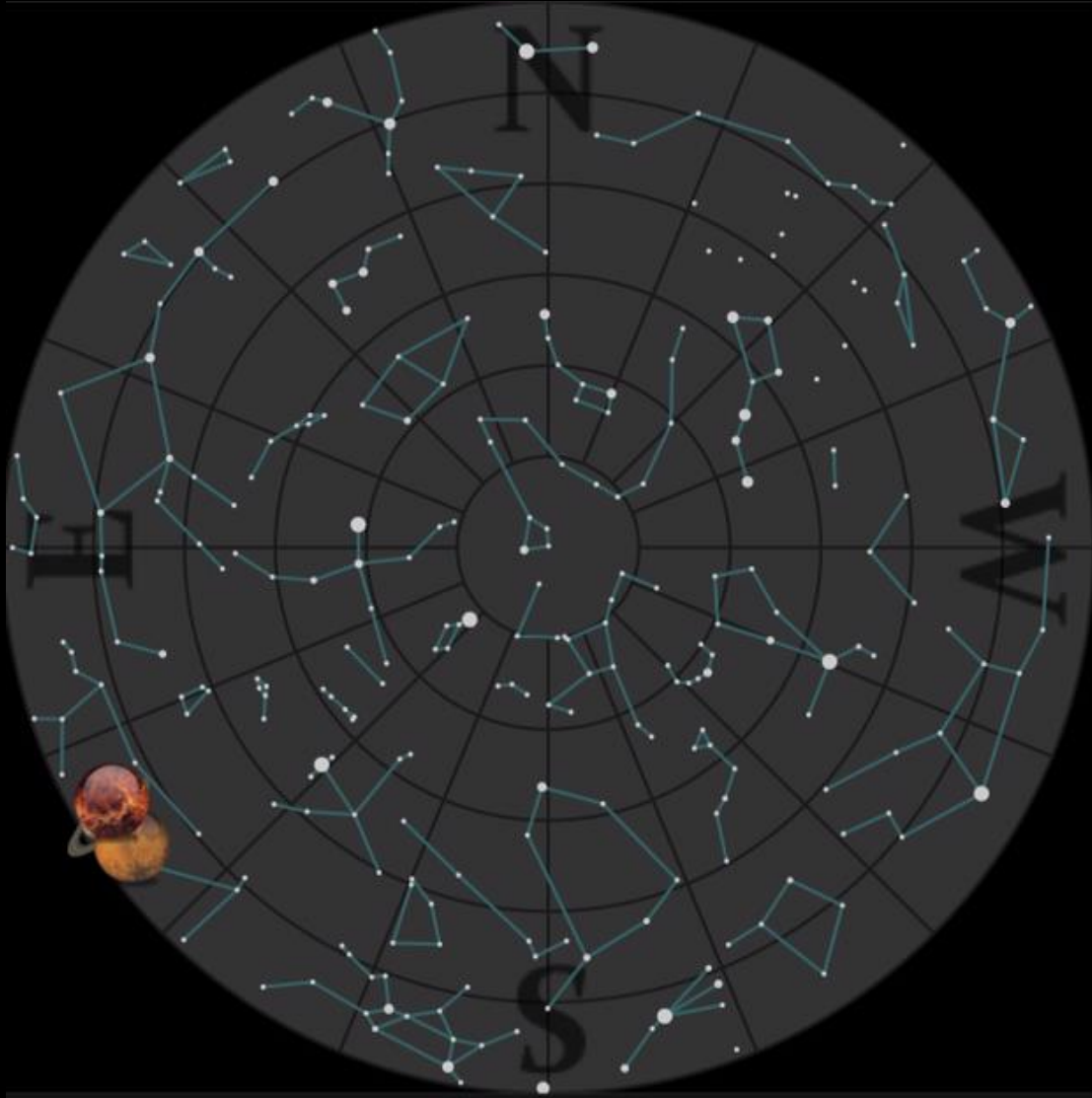




•The Sky 20:00
Tonight







•The Sky 06:00
Tomorrow



Inner Solar System

- Sun
 - Declination increasing
- Mercury
 - In morning sky, greatest elongation Feb. 16 (26°), currently 6°
 - Superior conjunction Apr. 02
 - Then in evening sky, greatest elongation Apr. 29 (21°)
 - Good observing opportunity late Apr. early May
 - Today, rise 06:40, transit 12:40, set 18:35
- Venus
 - In morning sky greatest elongation Mar. 20 (47°), currently 45°
 - Superior conjunction Oct. 22
 - Today, rise 05:10, transit 10:00, set 14:55

Earth

- Time
 - 00:00UT \approx 10:30ST today
 - Today, sunrise 06:40, transit 12:05, sunset 19:20
 - End of period, sunrise 05:35, transit 12:52, sunset 20:10
- Moon
 -  New, Apr. 01
 -  First Quarter, 09
 -  Full, 16
 -  Last Quarter, 23
- Meteors
 - η Aquarids, Apr. 19-May 28, peak May 06, ZHR 40

Occultations

- Lunar
 - Apr. 05, υ Tauri, mag. 4.3, DD 22:42, RB 23:14
 - Apr. 22, τ Sagittarii, mag. 3.3, DB 05:49, RD 06:03 (sunrise 05:42)

Conjunctions

- Planetary
 - Apr. 12, 21:00, Neptune 0.1° S of Jupiter (rise 13 Apr. 05:21)
 - Apr. 27, 20:00, Neptune 0.01° N of Venus (rise 28 Apr. 04:25)

Outer Solar System

- Mars
 - Opposition Dec. 08. Today, rise 05:15, transit 09:50, set 14:20
- Jupiter
 - Conjunction Mar. 05. Opposition Sept. 26. Today, rise 06:20, transit 11:55, set 17:35
- Saturn
 - Conjunction Feb. 04. Opposition Aug. 04. Today, rise 05:25, transit 10:10, set 14:50
- Uranus
 - Conjunction May 05, Opposition Nov. 09. Today, rise 07:45, transit 15:10, set 22:30
- Neptune
 - Conjunction Mar. 13. Opposition Sept. 16. Today, rise 06:25, transit 12:10, set 17:50

OASI Events

- Friday Apr. 15, 8:00pm
 - Dr Katie Mack, “The End of Everything (Astrophysically Speaking)”, recorded Zoom talk

Local Societies Events

- DASH (Darsham Village Hall, 7:00pm, Sundays)
 - Apr. 24, Lecture Meeting, Ian Lomas/David Gwynn “Looking Back to the start of Time (almost)”
- LYRA (Parkhill Hotel, Oulton, 7:30pm, Tuesdays)
 - Apr. 12, TBA
- AAA (Whepstead Community Centre, 7:30pm, Wednesdays)
 - Apr. 13
 - Apr. 27

Other Event

- Institute of Astronomy, Cambridge
 - Open Afternoon, Saturday Apr. 9, 2:00pm-6:00pm
 - advance registration required