

Nick James

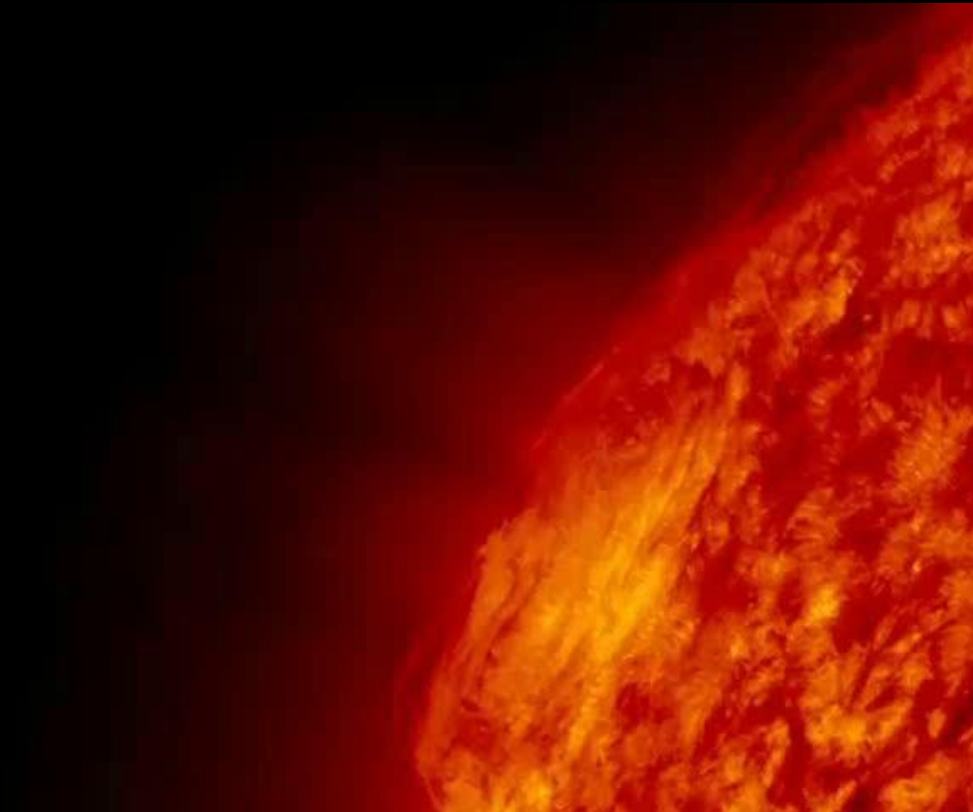
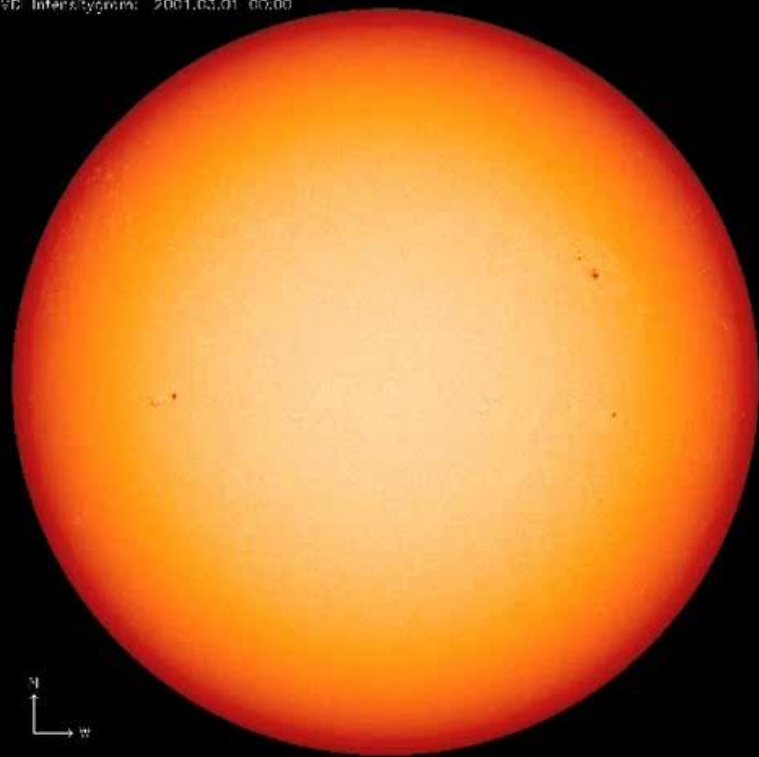
British Astronomical Association

The Solar System

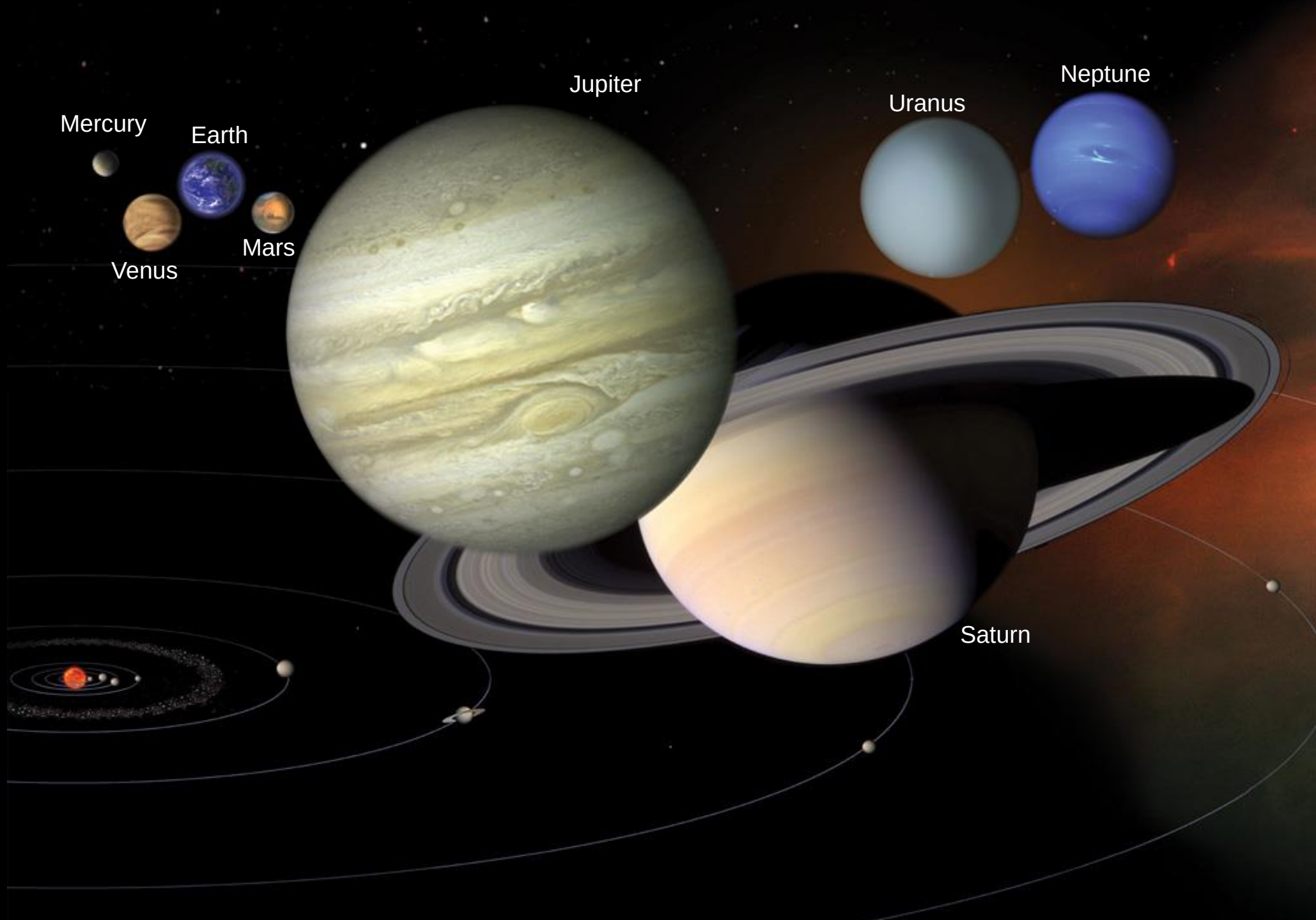


Pontefract B2B – November 2025

VD Intensitygram: 2001.03.01 00.00







Jupiter

Uranus

Neptune

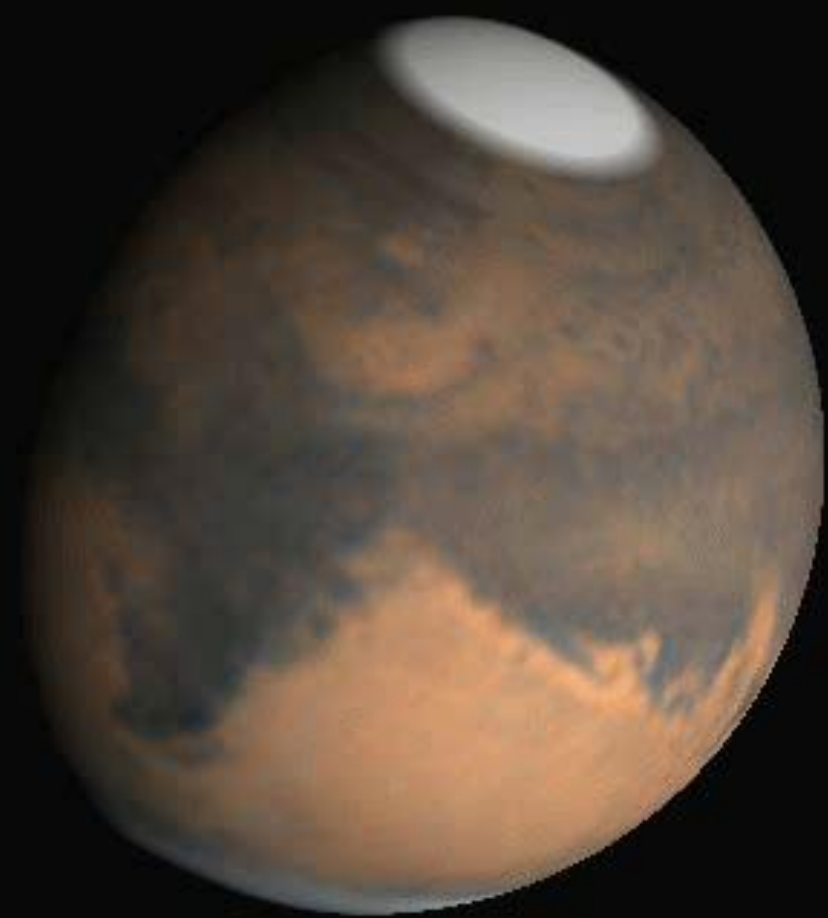
Mercury

Earth

Venus

Mars

Saturn





Jupiter with Great Red Spot

2023-11-30
2118 & 2149 UT

CM1: 107.7 & 126.1
CM2: 40.2 & 58.9

Observer: Chris Hooker

Location: Didcot,
Oxfordshire

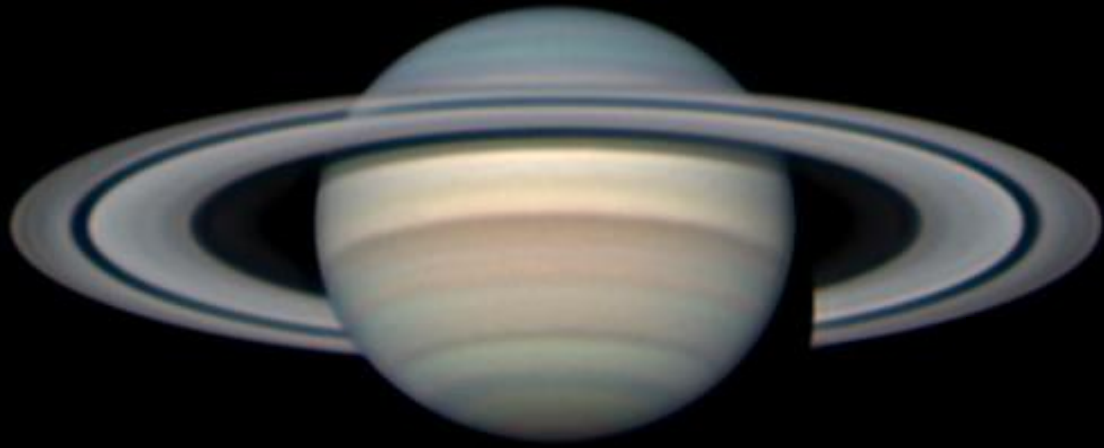
254 mm Newtonian, x3
Barlow, IR-cut filter,
ASI462MC camera



2118 UT



2149 UT



2022 Nov 25 - Anthony Wesley



Saturn RGB 31st Oct. 2024 20.18UT (moons @ 20.47UT) MLewis St Albans UK 444mm Dobsonian
WJ Derot @0.095"/pix, ASI482MC + L filter, PA ADC, l=322° ll=269° III=63° Dia. 18.3" Alt. 30° S. top















2005-06-03



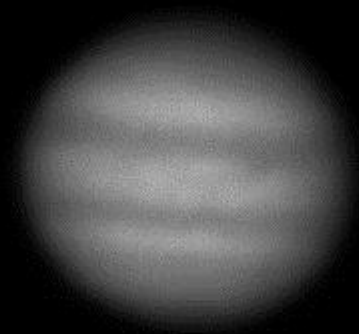
2005-09-03

0.30m, f/5.25 Newt. + Canon EOS 10D. Nick James.

Total Lunar eclipse composite. 2015 September 28. C6@f/6.3 + Canon EOS550D. Nick James, Chelmsford





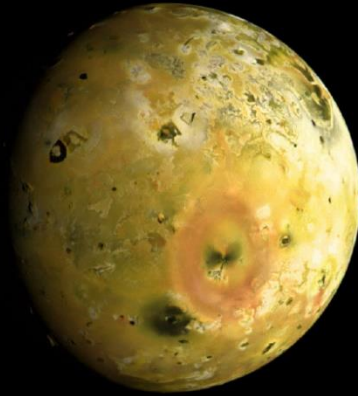


Solar System Major Moons

The Solar System contains 18 or 19 natural satellites of planets that are large enough for self-gravity to make them round. (Why the uncertain number? Neptune's moon Proteus is on the edge.) Two of them are larger than Mercury; seven are larger than Pluto and Eris. If they were not orbiting planets, many of these worlds would be called "planets," and scientists who study them are called "planetary scientists."

Images from Galileo (Jupiter's moons), Cassini (Saturn's moons), Voyager 2 (Uranus and Neptune's moons). Data from NASA/JPL, processed by Ted Stryk, Gordan Ugarkovic, Emily Lakdawalla, and Jason Perry. Earth's Moon photo by Gari Arrillaga. Montage by Emily Lakdawalla, The Planetary Society, blog@planetary.org.

Jupiter...



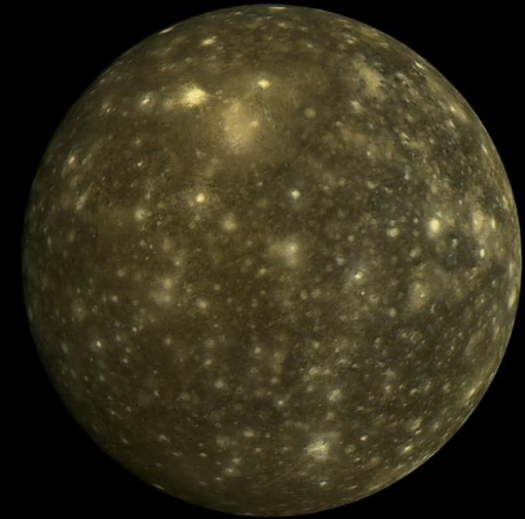
Io



Europa



Ganymede



Callisto



Titan

Earth...



The Moon

Saturn...



Mimas



Enceladus



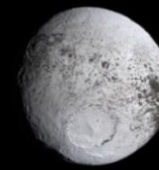
Tethys



Dione



Rhea



Iapetus

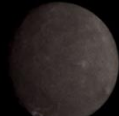
Uranus...



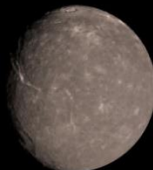
Miranda



Ariel



Umbriel



Titania



Oberon

Neptune...



Proteus

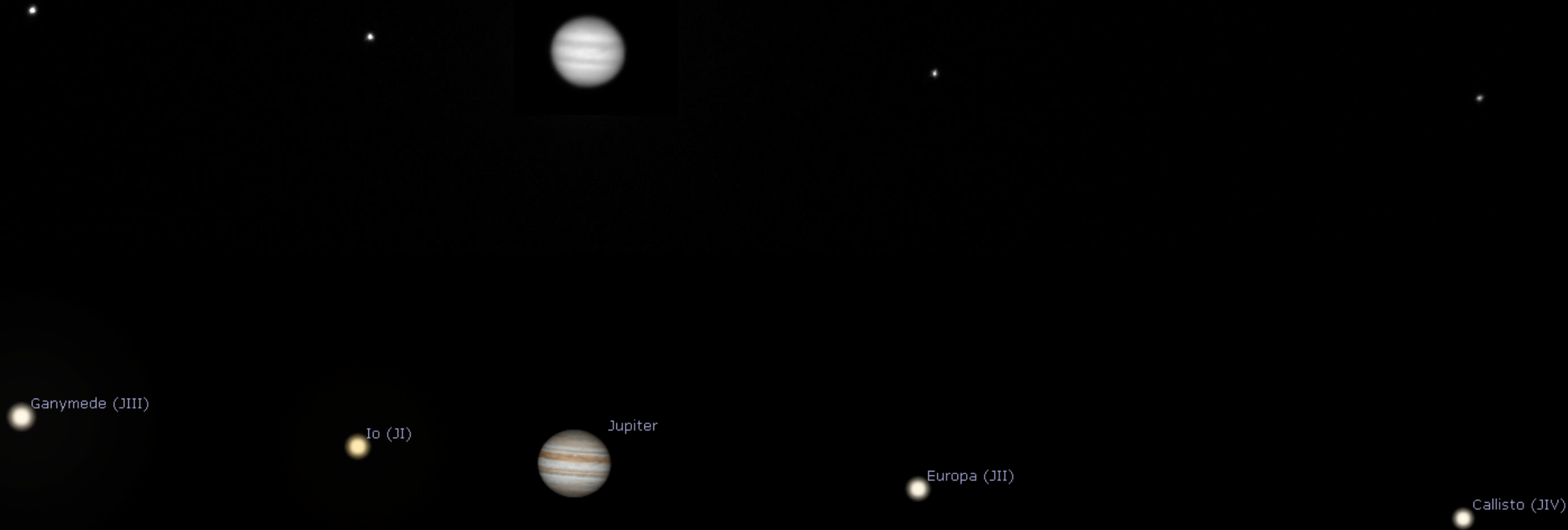


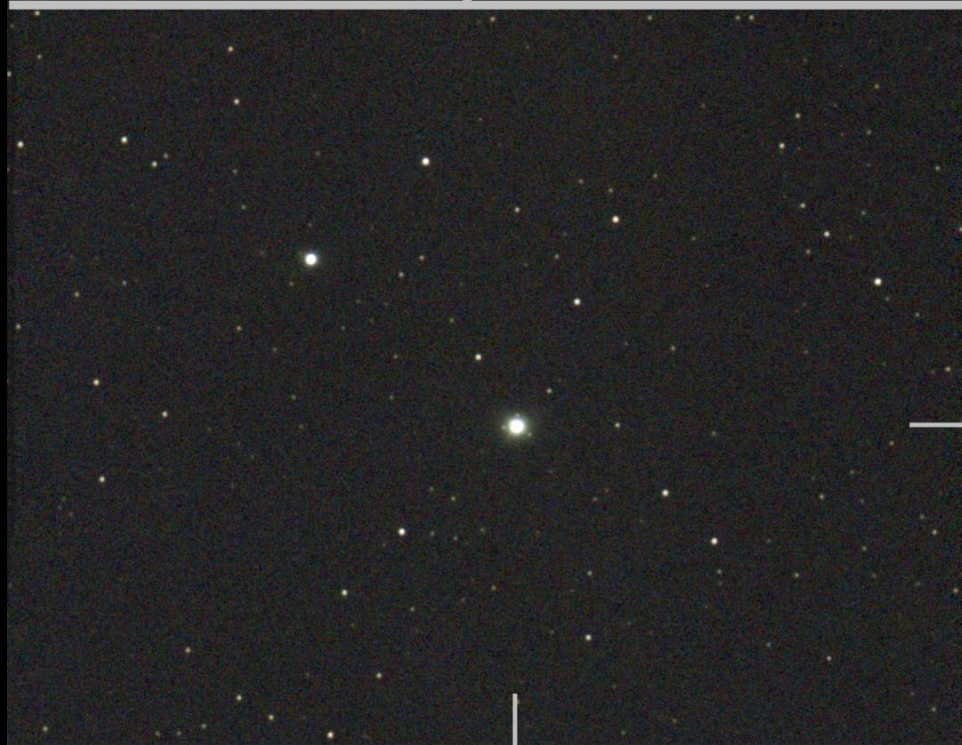
Triton

2024-11-22 21:00



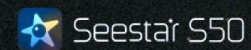
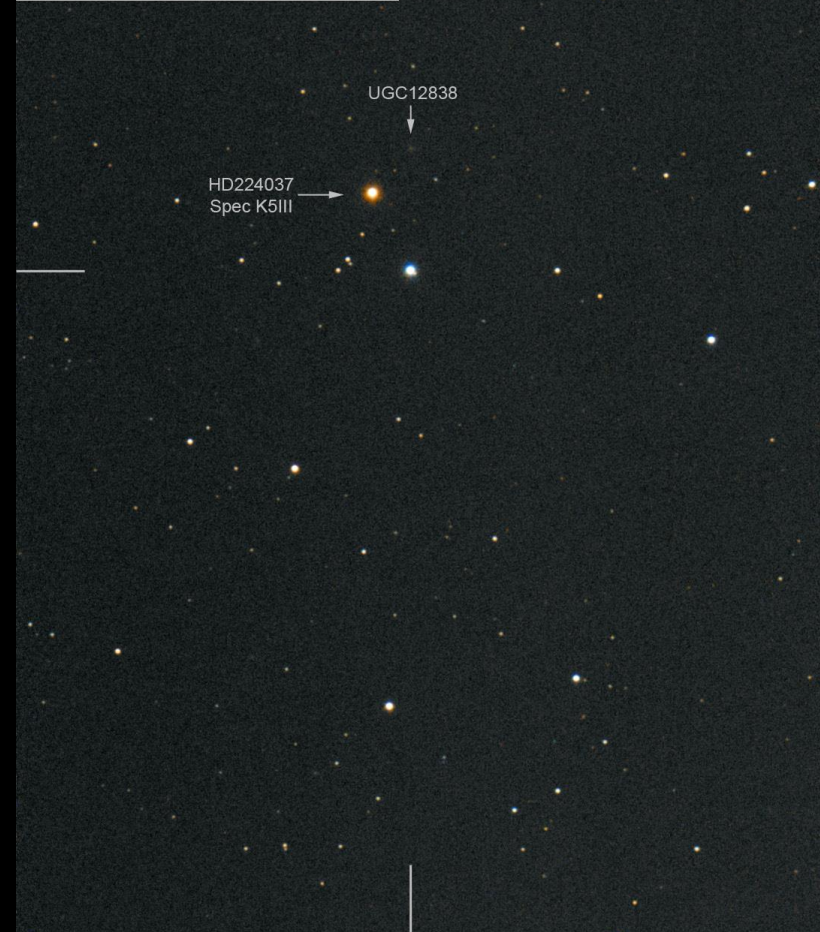
2024-11-22 21:00





Cirencester / 2024.08.12 01:29

Uranus
9min



Cirencester / 2024.09.27 20:40

Neptune & Triton

8min

James
Weightman





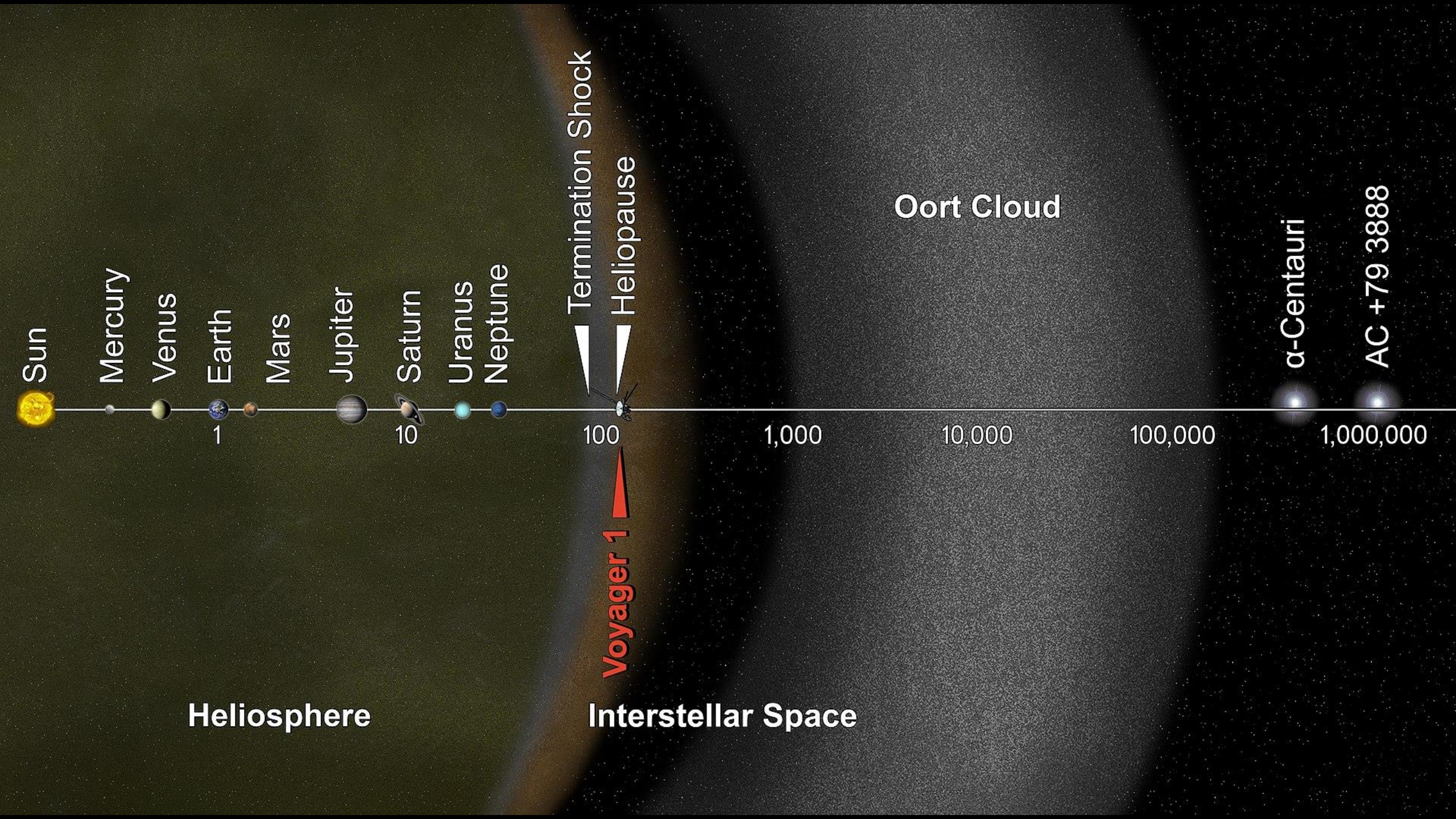
2024 Aug 12. 22:27 UT.
15 mins.

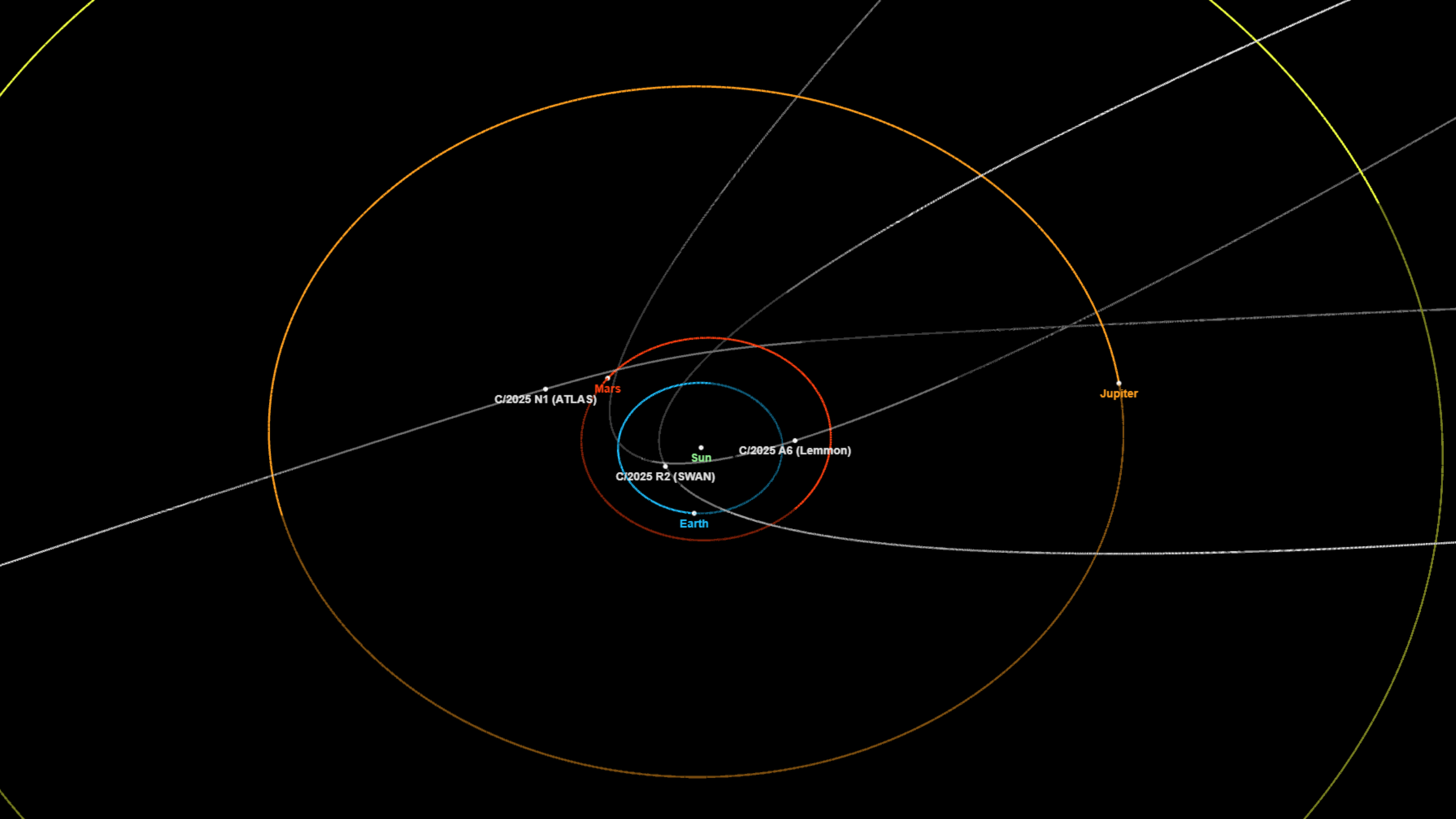


2024 Aug 14. 22:43 UT.
20 mins.

Mike Foulkes. Seestar S50











File: p20230921_000831_s4h1A.Fts; Time: 2023-09-21T00:08:31.003; Exp: 1199.940s





3l/ATLAS 2025-09-17 UT 18.20 UT 20/9/9/9min 12"/3.6 Asi 6200 Farm Tivoli, Gerald Rhemann, Michael Jäger
Estimated mag 12.0



Rob Bullen. 2020-07-11, 03:00. C/2020 F₃ (NEOWISE)



2024-10-19 18:47:47



Jupiter



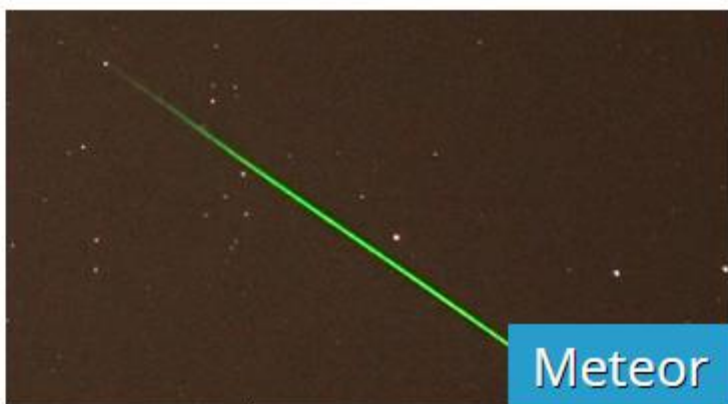
Lunar



Mars



Mercury and Venus



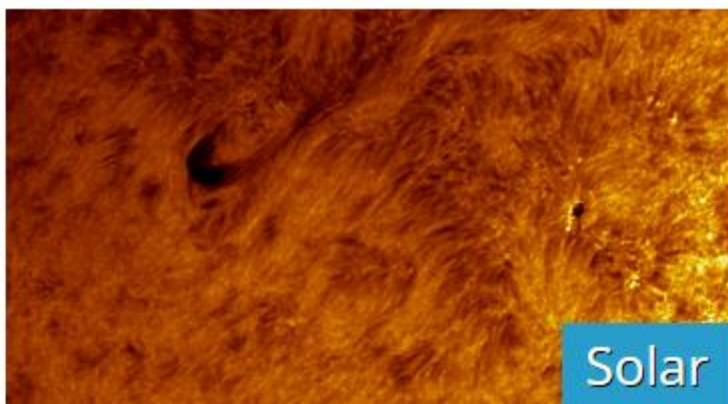
Meteor



Asteroids & Remote Planets



Saturn, Uranus & Neptune



Solar



Comet



Observing Guide to the Sun

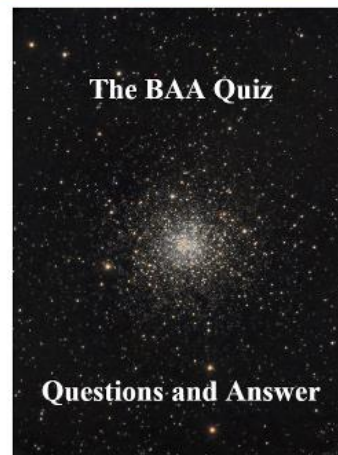


Edited by Lyn Smith

Observing Guide to the Sun
£10.00



The BAA Quiz



Questions and Answer

The BAA Quiz
£8.00



Introduction to DSLR Astrophotography
£8.00



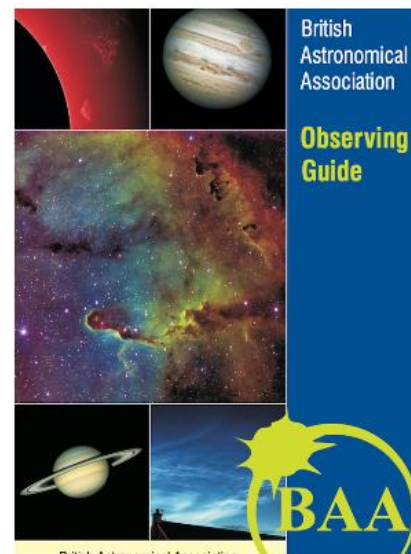
DEEP SKY SECTION

Handbook No. 2



A Messier Catalogue

Deep Sky Section Messier Catalogue
£6.00



BAA Observing Guide
£10.00
Out of stock



Comet Section Observing Guide



Comet Section Observing Guide
£10.00