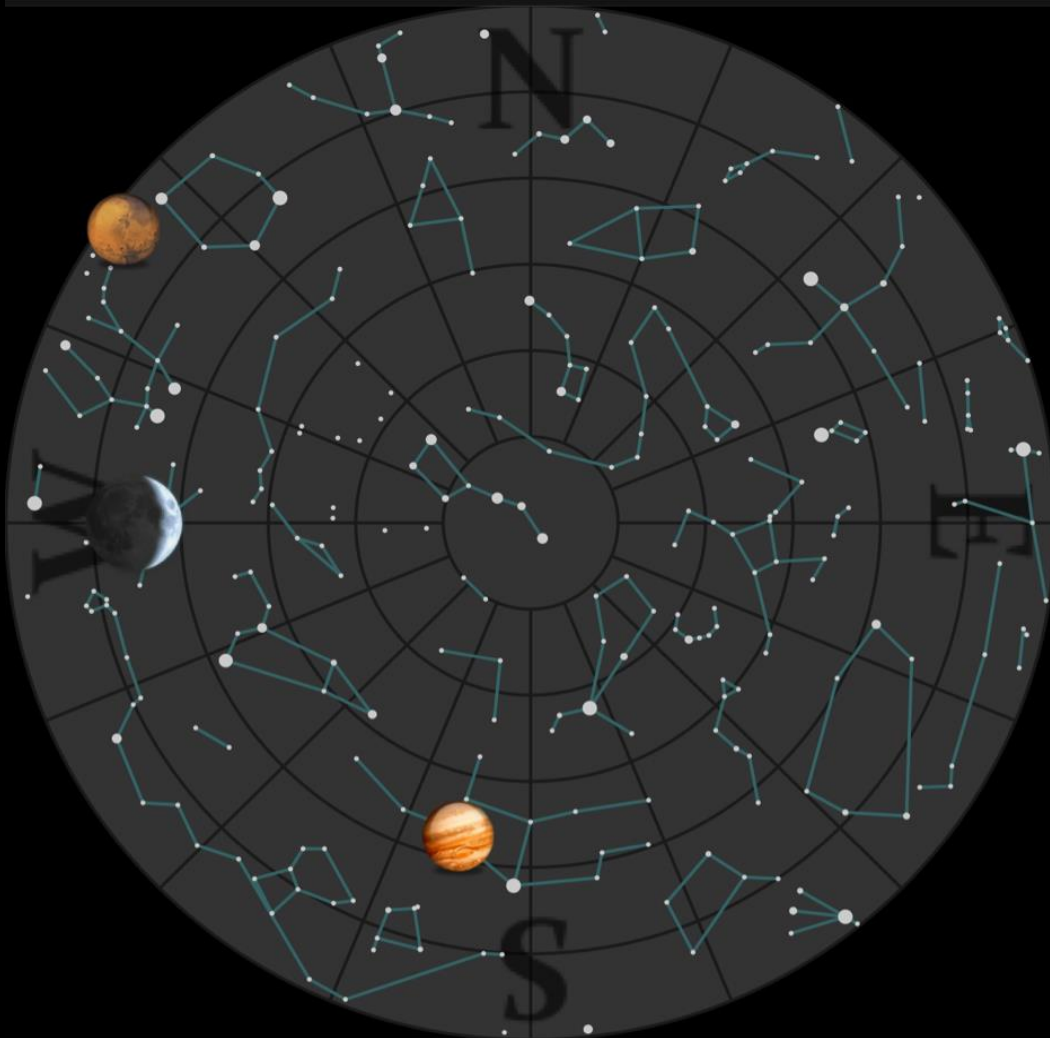


What's Up?

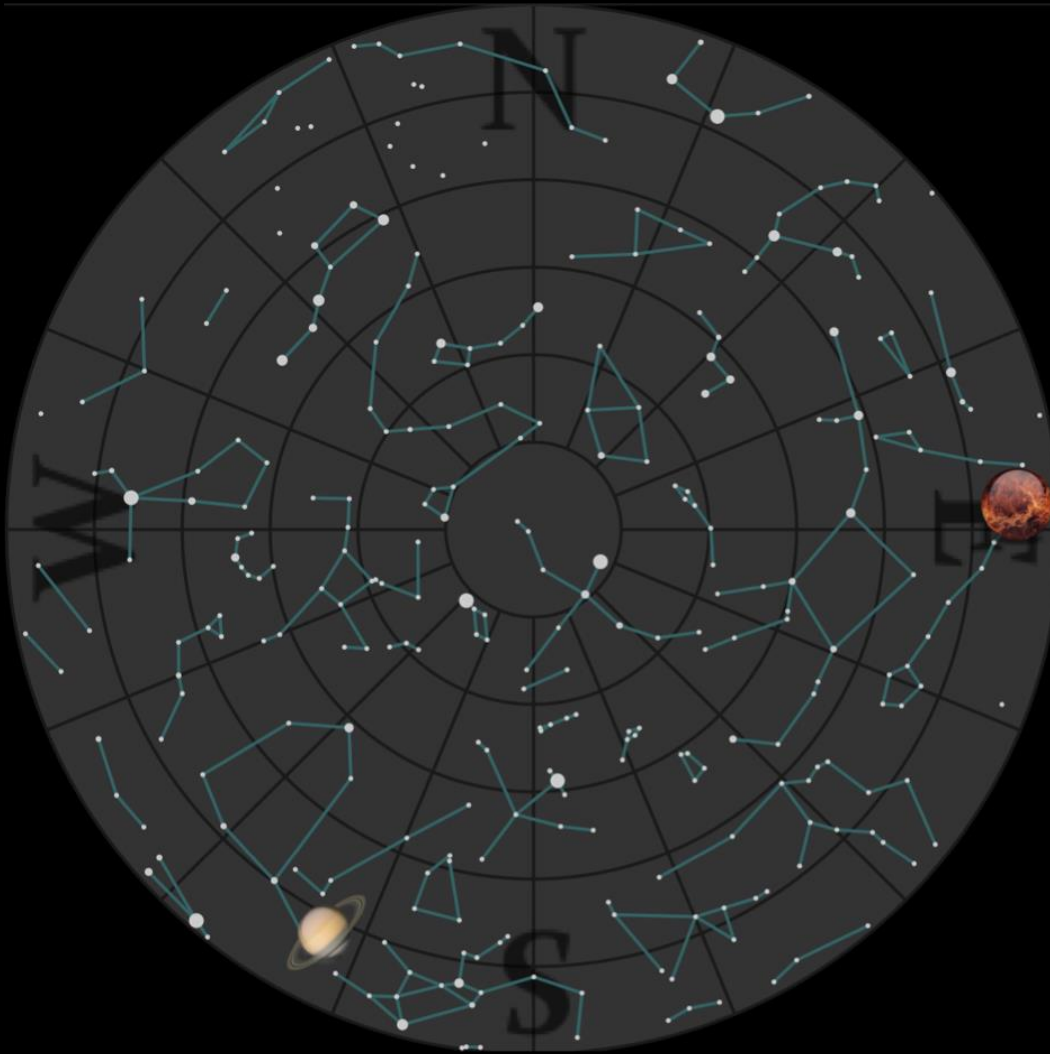
2017 May 29 to June 26

Bill Barton, FRAS

•The Sky 22:00
Tonight



•The Sky 04:00
Tomorrow Morning



Inner Solar System

- Sun
 - Declination maximum on June 21, in Pisces then Aries
- Mercury
 - In the evening sky at the beginning of this period, in Pisces
 - Superior conjunction (far side of sun) on June 21
 - Then in morning sky
- Venus
 - In morning sky, phase and elongation increasing, in Pisces
 - Maximum elongation occurs on June 3 (46°)

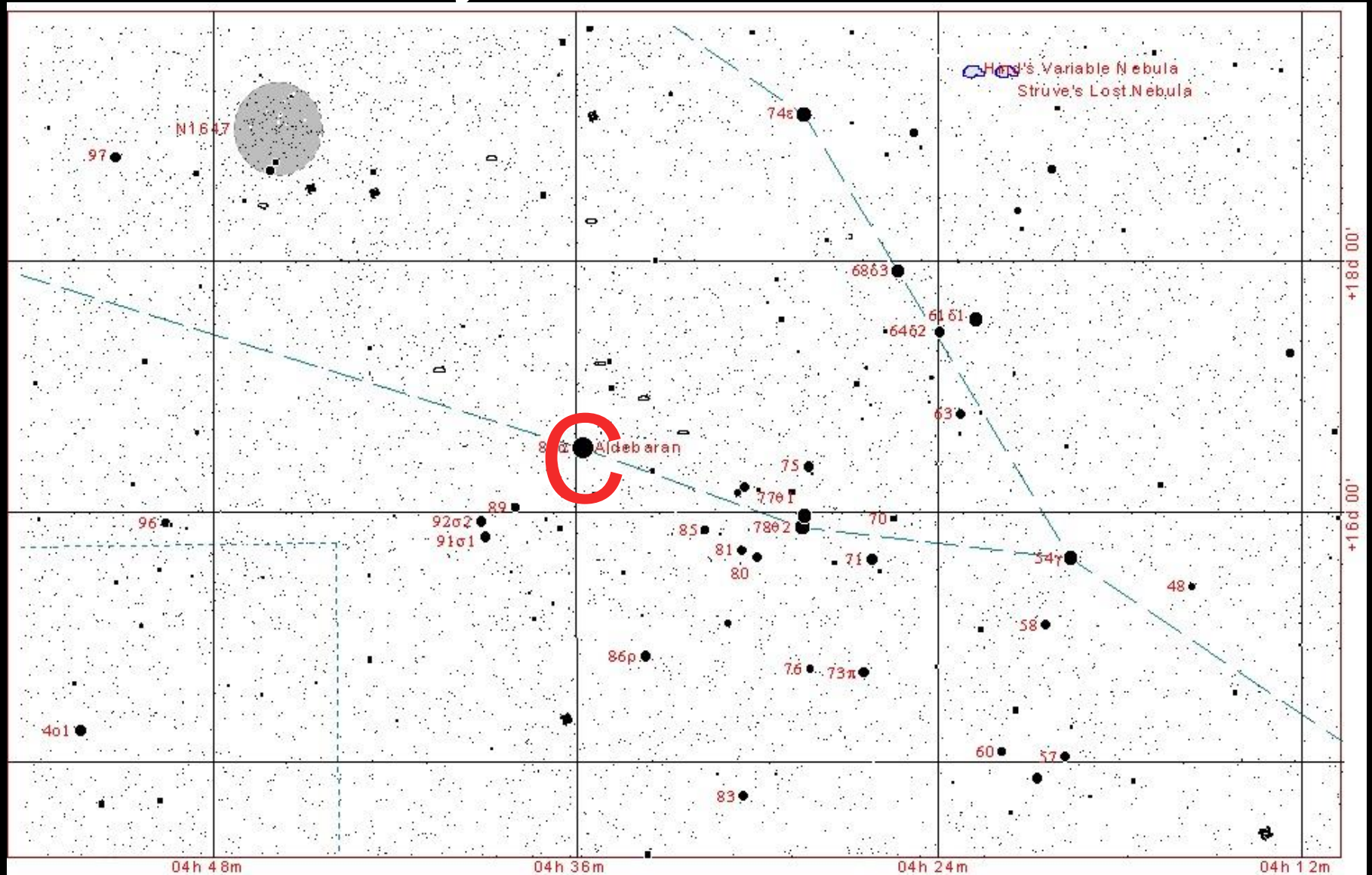
Earth

- Solstice occurs on June 21
- Moon
 - First Quarter, June 01
 - Full, June 09 (Thunder or Strawberry Moon)
 - Last Quarter, June 17
 - New, June 24
- Eclipses
 - None this period
- Meteors
 - Only sporadics

Lunar Occultations

- Afternoon of Thursday June 22
- Moon phase, five days past 'last quarter' rising around 02:40UT
- One star occulted today
- α Tauri (Aldebaran, mag 0.9)
 - bright limb disappearance at 15:18UT
 - dark limb reappearance at 16:12UT

The Hyades Star Cluster



Outer Solar System

- Mars
 - In south-west at sunset, setting around 9pm, four hours after the Sun, in Aries then Taurus
 - Conjunction (far side of sun) on July 27
- Jupiter
 - In the sky all night, at opposition on April 07, in Virgo
- Saturn
 - Opposition on June 15
 - In the sky all night, in Sagittarius

Society Events

- Saturday June 03
 - Kirton & Falkenham Fete, 12:30-16:30
- Sunday June 11
 - East Suffolk Wireless Rally at Kirton, from 09:30am
- Saturday July 29
 - OASIfest at Waterfront Building, University of Suffolk, Ipswich, 09:00-18:00

Other Events I

- DASH
 - Lecture Meeting, Saturday June 03, 7:30pm, Westleton Village Hall, Paul Whiting 'New Horizon, latest mission news'
 - Observing Meeting, Sunday June 18, 10:00am-3:00pm, International Sun Day, RSPB Minsmere
- LYRA
 - Lecture Meeting, Tuesday June 13, 7:30pm, Coach House Room, at the Parkhill Hotel, Oulton, Michael Willis, e2v, 'Cameras for Spacecraft'
 - Observing Meeting, Tuesday June 27, 7:30pm, Barn Car Park, Coach House Hotel, Oulton
- Athenæum Astronomical Association
 - Observing Meeting, Nowton Park, Thursday June 08 from 7:30pm
 - Observing Meeting, Nowton Park, Thursday June 22 from 7:30pm

Other Events II

- BAA Meeting
 - Wednesday 31 May, 5:30pm, Burlington House, London
 - Dr Richard Miles - The George Alcock Memorial Lecture – "Comet IRAS-Araki-Alcock and other comet discoveries from the UK"
 - Dr Richard McKim - A. A. C. Eliot Merlin
 - Nick James: Sky Notes
 - Exhibition Meeting, Saturday June 24, National Museum of Scotland, Edinburgh
- SHA
 - Summer Picnic, Saturday July 01, Liverpool World Museum