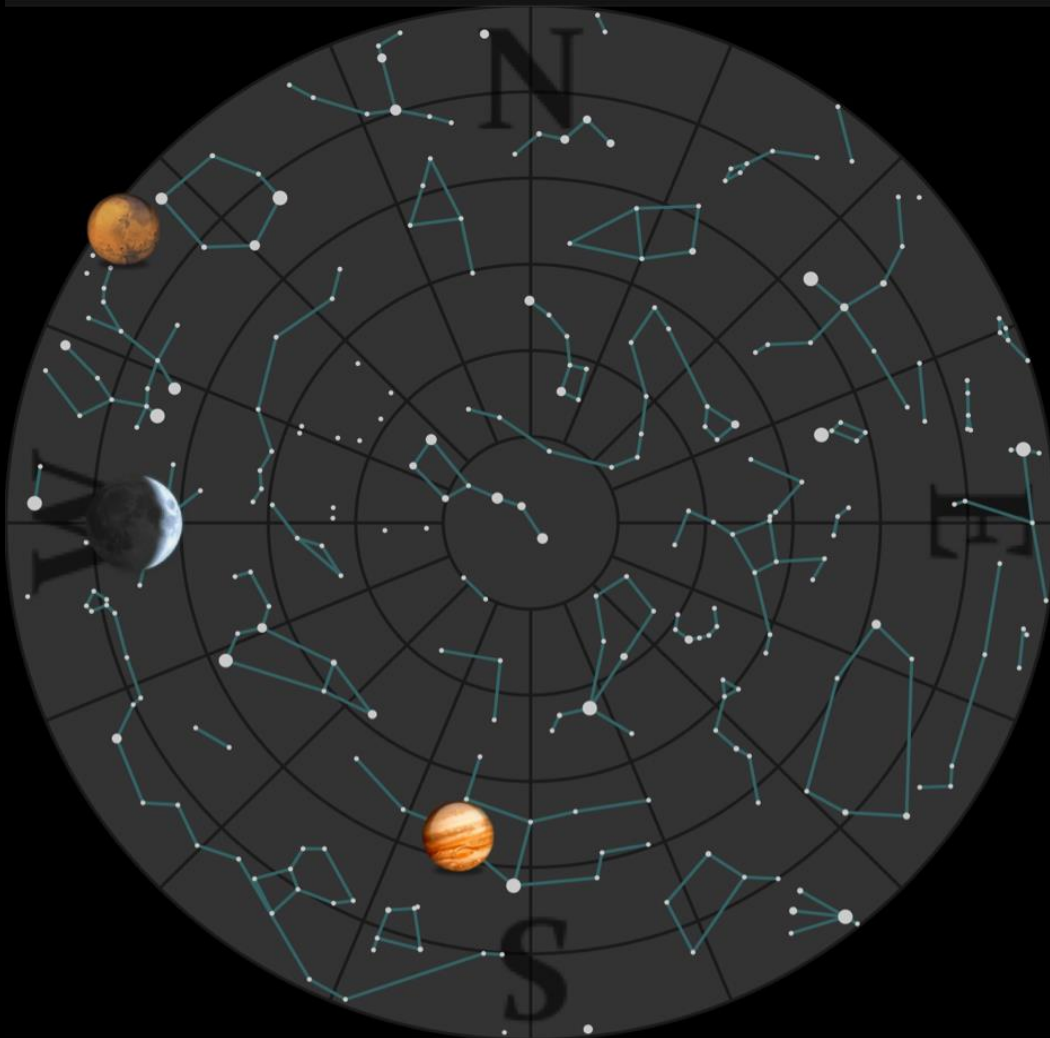


# What's Up?

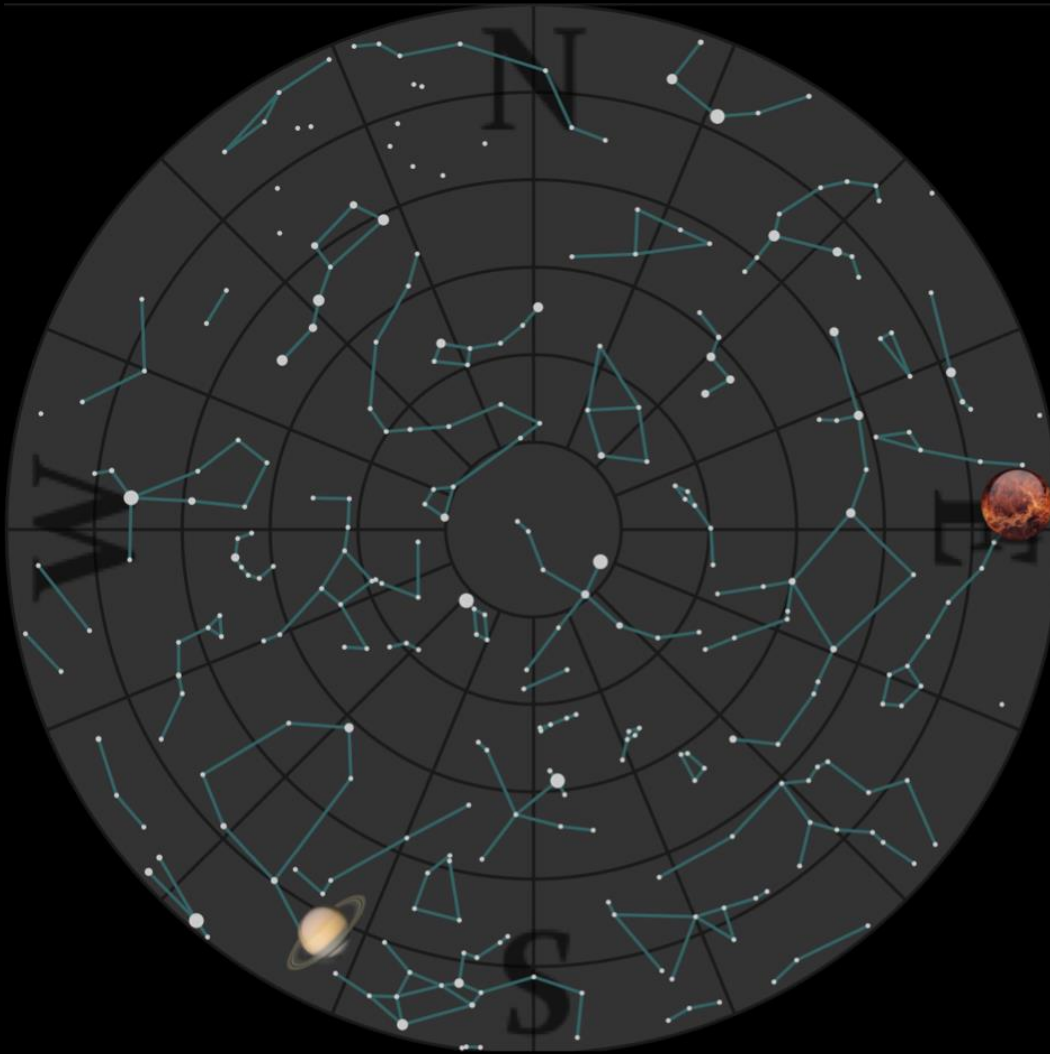
2017 May 29 to June 26

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 ( $46^{\circ}$ )

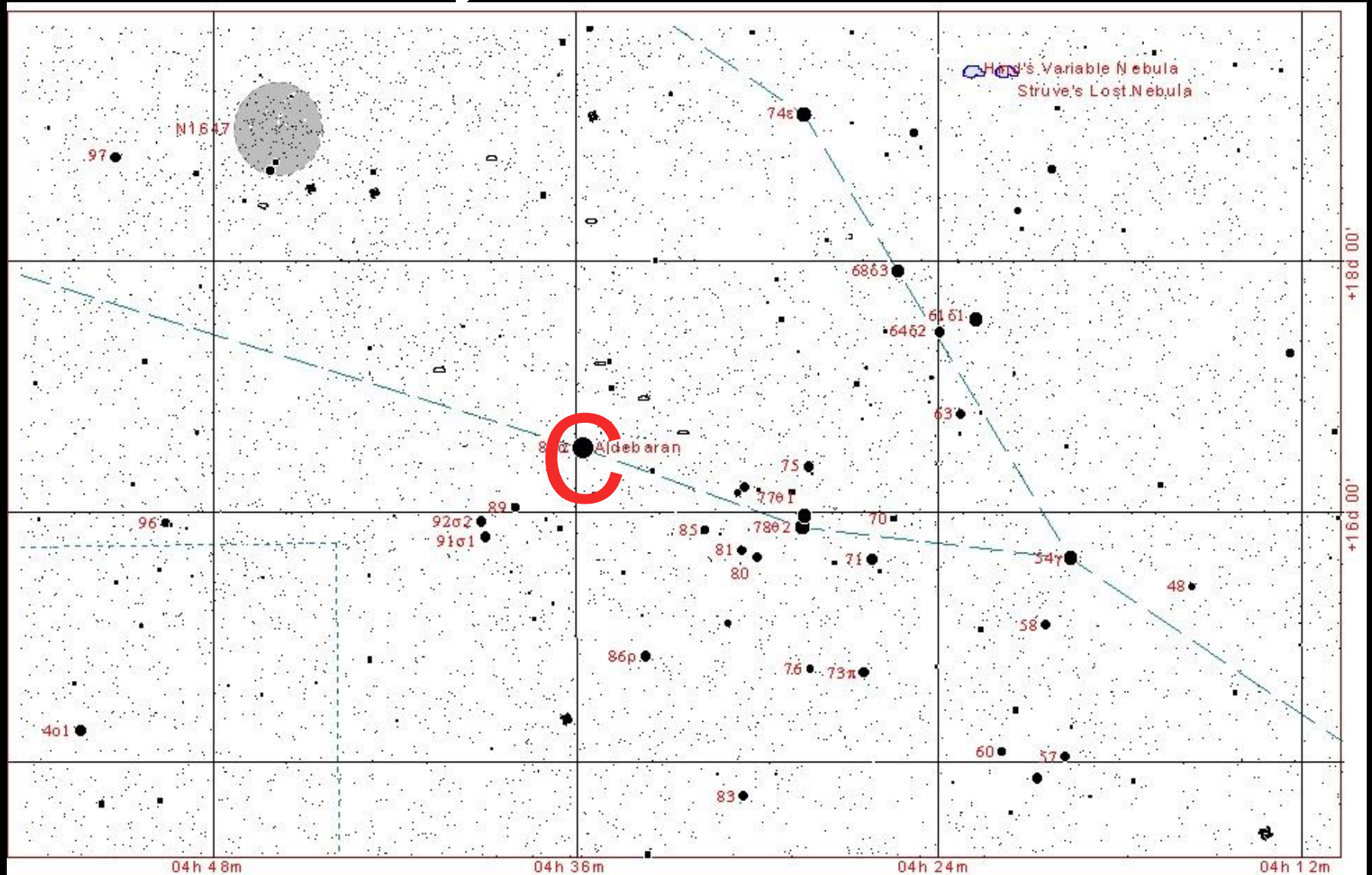
# Earth

- 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
- $\alpha$  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