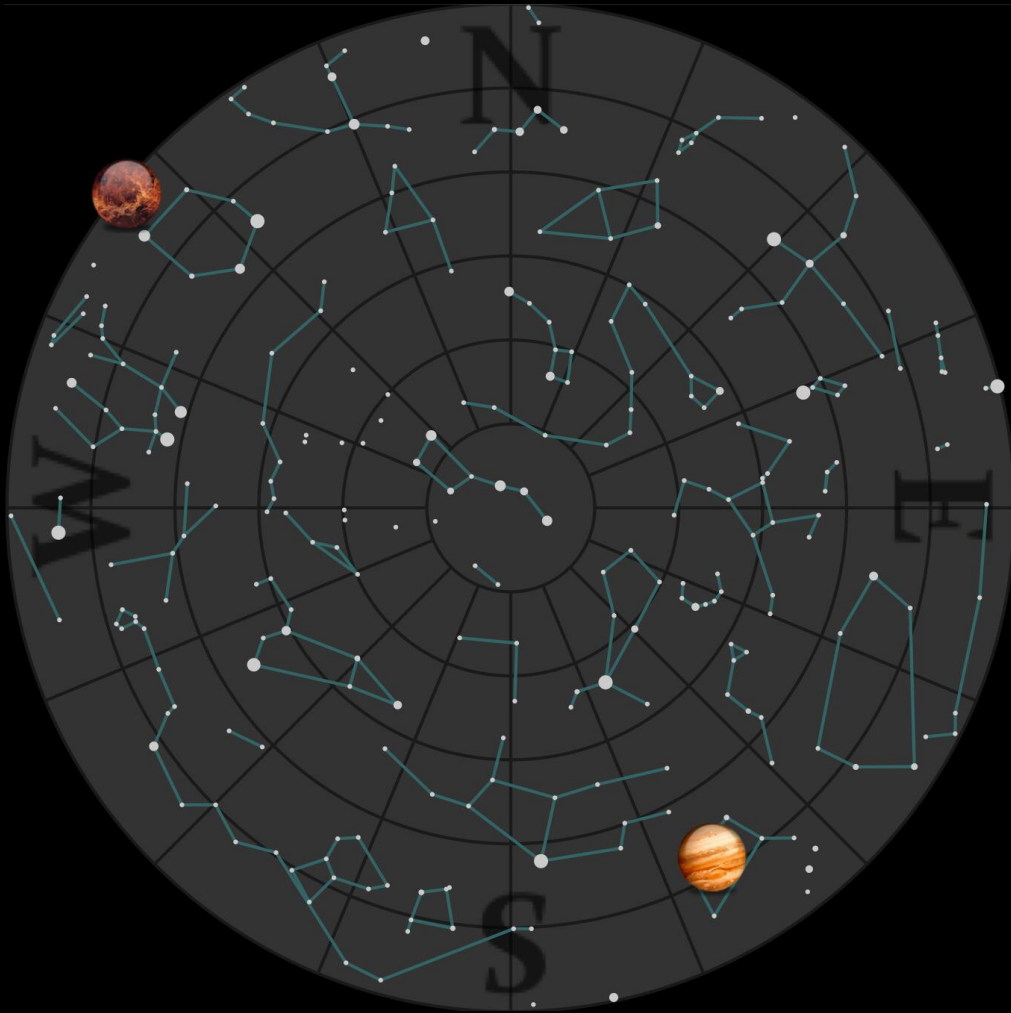


# What's Up?

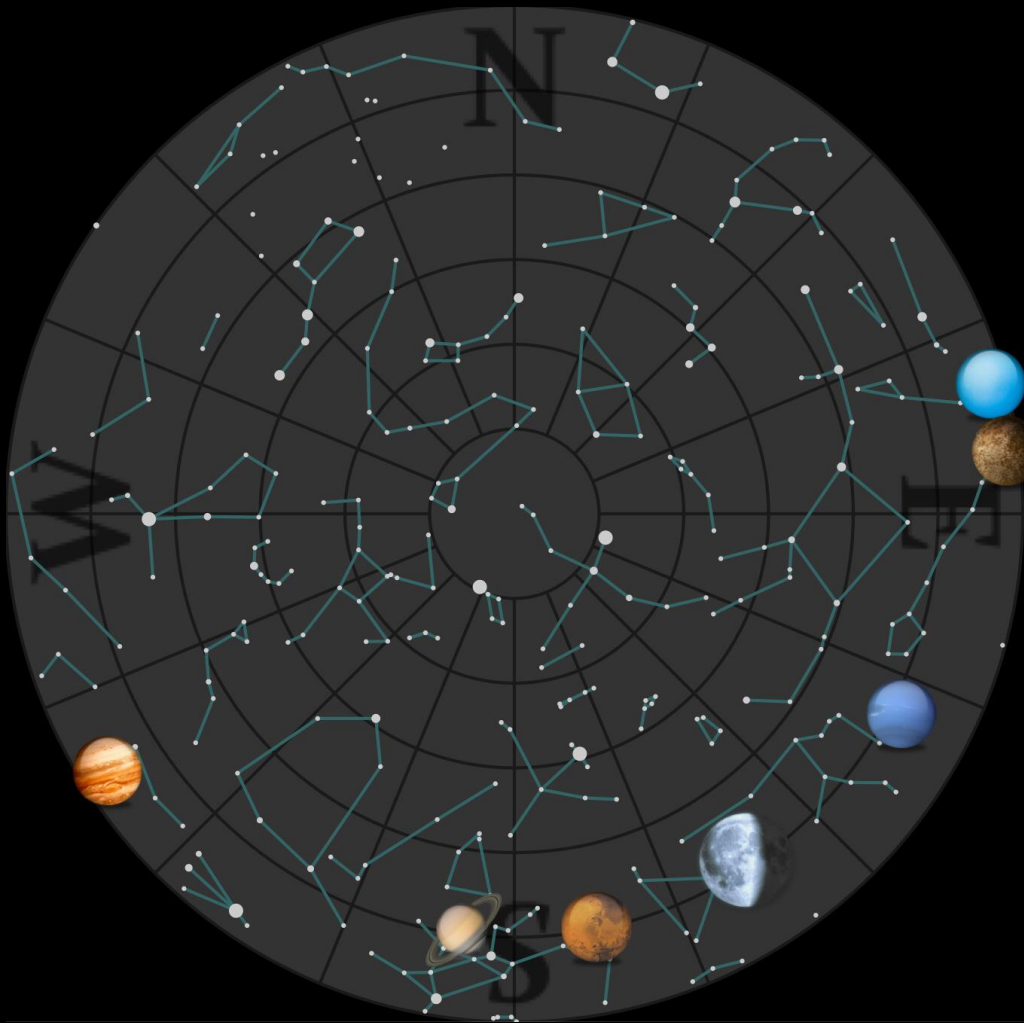
2018 May 07 to June 11

Bill Barton, FRAS

•The Sky 22:00  
Tonight







•The Sky 04:00  
Tomorrow



# Inner Solar System

- Sun
  - Declination increasing
  - Solstice June 21, Aphelion July 6
- Mercury
  - In morning sky until early June, but not favourable for observation
  - Maximum elongation from Sun was on April 29 ( $29^{\circ}$ )
- Venus
  - In the evening sky until October 2018
  - Maximum elongation and half phase on August 17 ( $46^{\circ}$ )

# Earth

- Time
  - 00:00UT  $\approx$  14:59ST today
- Moon
  -  Last Quarter, 8, June 6
  -  New, 15
  -  First Quarter, 22
  -  Full, 29 (Milk or Planting Corn)
- Eclipses
  - None this period
- Meteors
  - $\eta$  Aquarids, April 24-May 20, ZHR 40

# Lunar Occultations

- None of note this period

# Outer Solar System

- Mars
  - In morning sky moving away from the Sun, rising around 02:00
  - Perihelic Opposition July 27, but very low altitude
- Jupiter
  - In evening sky and rising at sunset
  - Opposition in two days time on May 9
- Saturn
  - In morning sky, moving away from the Sun, rising around 01:00
  - Opposition June 27, 2018
- Uranus
  - Opposition on October 24, 2018
- Neptune
  - Opposition on September 7, 2018

# Society Events

- Kirton Village Fete, Saturday June 2, from 12:00m, Village Recreation Ground
- East Suffolk Wireless Rally, Sunday June 10, from 09:00am, Kirton Village Recreation Ground
- National Trust Solar Day, Sutton Hoo, June 16 or 17



# Other Events I

- DASH
  - Observing Meeting, Sunday May 13, 7:30pm, Westleton Heath
  - Discussion Meeting, Sunday May 27, 7:30pm, Westleton Village Hall. Solar Astronomy
- LYRA
  - Discussion Meeting, Tuesday May 8, 7:30pm, Coach House Room, Parkhill Hotel. Paul Whiting: *Practical Radio Astronomy*
  - Observing Meeting, Tuesday May 22, 7:30pm, Barn Car Park, Parkhill Hotel

# Other Events II

- Athenæum Astronomical Association
  - Members Meetings, Nowton Park, Thursdays 10 & 24 May from 7:30pm
- BAA
  - Ordinary Meeting, Burlington House, London, Wednesday 30 May, 5:30pm till 8:00pm

# Historical Anniversary

- June 8 1918
  - Nova Aquilæ independently discovered in Stowmarket by Alice Grace Cook (1877-1952) at 9:30pm
  - She noted in her Klein's Star Atlas “On June 8th 1918 first magnitude = Altair, 18h 45m [RA] +1<sup>0</sup> [declination]”
  - Discovered by George Noel Bower (1885-1951) observing from Nungambankan, Madras, India, some five hours earlier at 10:00pm IST (4:30pm UT), a customs officer in the Indian Civil Service
  - Other UK observers included
    - W. F. Denning, Bristol
    - W. H. Steavenson, West Norwood
    - Felix de Roy, Thornton Heath

[reference: Journal of the Astronomical Society of India (1918), vol. 9,p. 20]