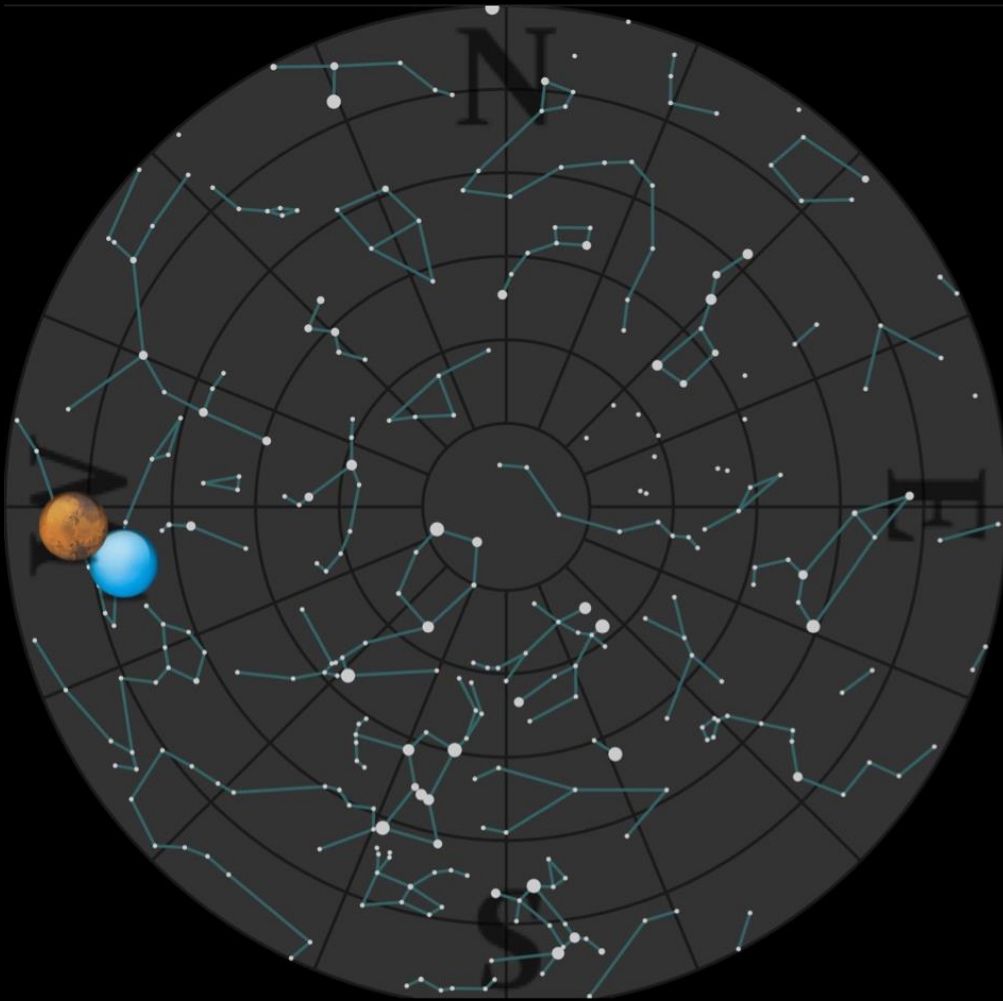


# What's Up?

2019 January 28 to February 25

Bill Barton, FRAS

•The Sky 22:00  
Tonight







•The Sky 07:00  
Tomorrow



# Inner Solar System

- Sun
  - Declination increasing
  - Equinox March 20
- Mercury
  - Superior conjunction January 30
  - Then in the evening sky, greatest elongation February 27 ( $18^{\circ}$ )
  - Inferior conjunction March 15
  - currently rising 07:48, setting 15:30
- Venus
  - In morning sky until superior conjunction on August 14
  - Greatest elongation January 06 ( $47^{\circ}$ )
  - Currently rising 04:30, setting 13:15

# Earth

- Time
  - 00:00UT  $\approx$  08:28ST today
  - Today sunrise 07:42, sunset 16:35
  - End of period sunrise 06:50, sunset 17:25
- Moon
  -  New, February 04
  -  First Quarter, 12
  -  Full, 19 (hunger moon)
  -  Last Quarter, 26
- Meteors
  - Only sporadic activity this month

# Lunar Occultations

- February 02
  - Moonrise 06:12 (127°)
  - 06:32 Saturn RD
  - Sunrise 07:34

# Outer Solar System

- Mars
  - Currently rising 10:30, setting 23:20. Solar Conjunction September 02
- Jupiter
  - Currently rising 05:10, setting 13:15. Opposition on June 10
- Saturn
  - Currently rising 07:14, setting 15:15. Opposition on July 9
- Uranus
  - Currently rising 11:00, setting 01:00. Opposition on October 28
- Neptune
  - Currently rising 09:55, setting 20:50. Opposition on September 10

# Society Events

- Committee Meeting
  - Friday February 01, 8:00pm, Museum Street Methodist Church Hall, Blackhorse Lane
- BAA Back to Basics Workshop
  - Saturday March 02, 10:00am till 5:00pm, Museum Street Methodist Church Hall, Blackhorse Lane, £9/£12



# Other Events I

- European Astrofest
  - Friday & Saturday February 08 & 09, Kensington Conference Centre, London
- Practical Astronomy Show
  - Saturday March 09, Kettering Conference Centre, Thurston Drive, Kettering, Northamptonshire, NN15 6PB. Free event
- DASH
  - Observing Meeting, Sunday February 03 from 7:30pm, Westleton Common
  - Discussion Meeting, Sunday February 17 from 7:30pm, Westleton Village Hall, members talks

# Other Events II

- LYRA
  - Discussion Meeting, Tuesday February 12, 7:30pm, Parkhill Hotel, Oulton, 'Not Just a Pretty Picture', Shaun Reynolds & Michael Poxon,
  - Observing Meeting, Tuesday February 26, 7:30pm, Barn Car Park, Parkhill Hotel, Oulton
- Athenæum Astronomical Association
  - Meetings at Nowton Park
    - Thursday February 7, 07:30pm, members meeting
    - Thursday February 21, 7:30pm, members meeting

And Finally....

# Star Count 2019

Campaign for the Protection of  
Rural England & British  
Astronomical Association

# Star Count 2019

- Run jointly by the CPRE and the British Astronomical Association
- Only observations taken from England will be accepted
- February 2-23
- Suggested best time around 7:00pm between 2 & 9 February
- Share your experiences with others on social media using #StarCount2019 @CPRE @BritAstro
- <https://www.cpre.org.uk/what-we-do/countryside/dark-skies/star-count-2019>

# Star Count 2019

- Find Orion. Take a few moments to let your eyes adjust, then simply count the number of stars you can see within the rectangle made by the four corner stars. You should not count the corners, but you can count the three belt stars in the middle
- Make a note of the number of stars seen with the naked eye (do not use a telescope or binoculars) and then complete the online survey form

# Star Count 2019

