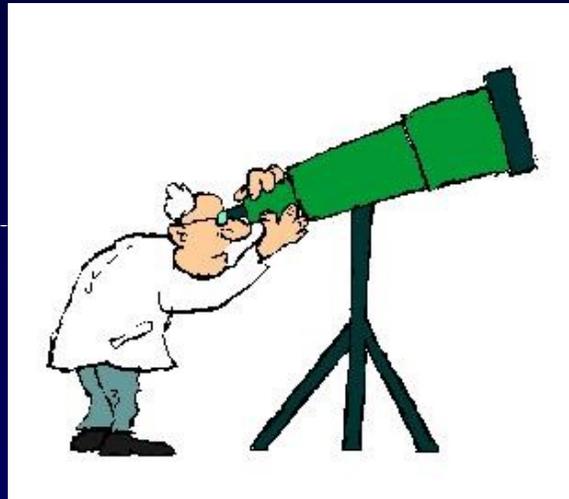


# What's Up!

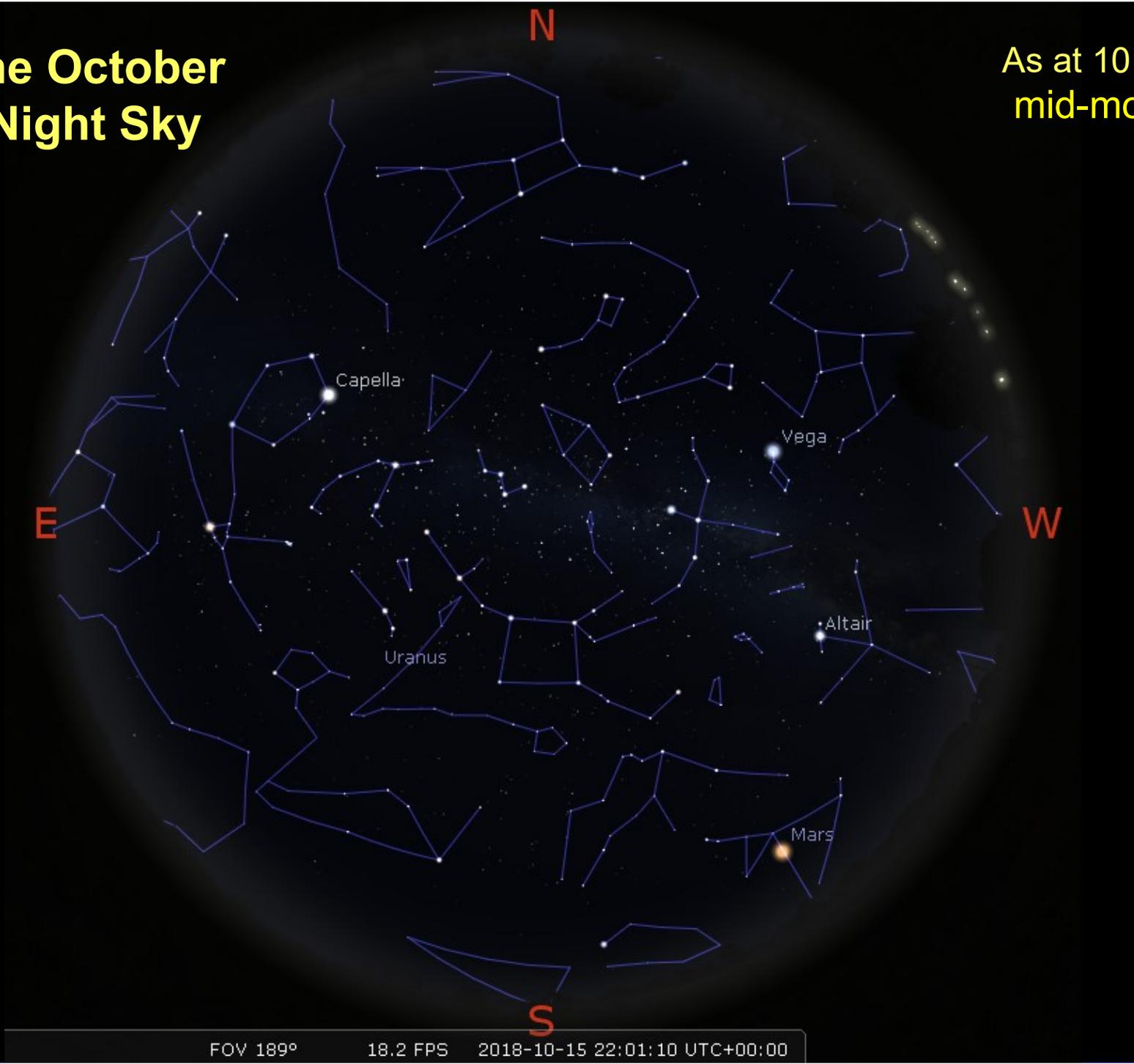
For October 2018



Woking Area U3A  
Astronomy Group

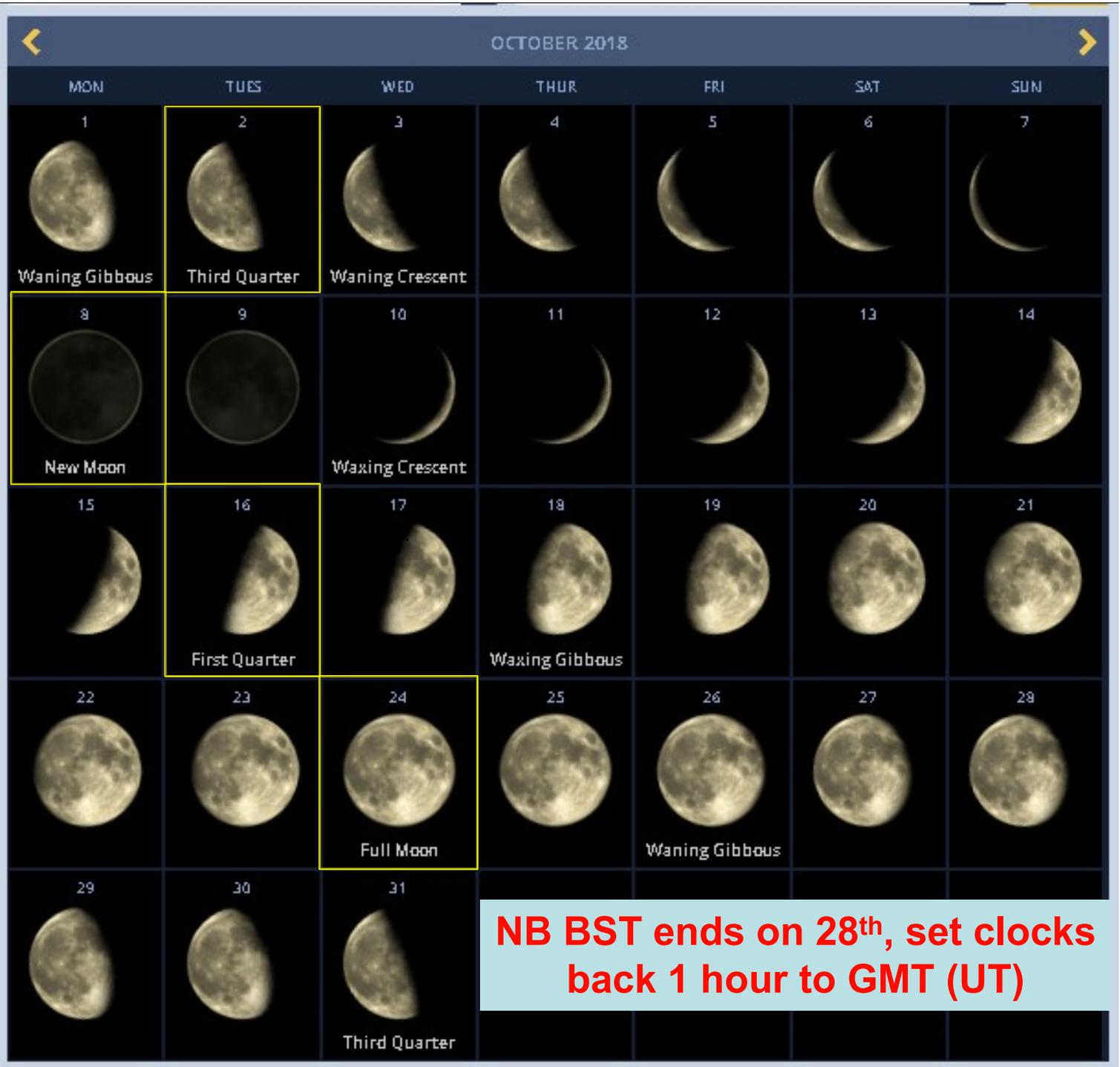
# The October Night Sky

As at 10 p.m.  
mid-month



FOV 189° 18.2 FPS 2018-10-15 22:01:10 UTC+00:00

# The Moon in October



# What's Up - Planets

- **Mercury**

- Not easily visible this month, hugging SW horizon at sunset, best chance is at end of month.

- **Venus**

- Not visible this month, but becomes a bright morning object at start of next month

- **Mars**

- Still a splendid object in the Southern skies throughout the month, its pinkish red colour and brightness (Mag -1.3) making identification easy.

# What's Up - Planets

- Jupiter

- Low in South West at sunset, setting about 8 p.m.

- Saturn

- Still on show as an early evening object, low in South South Western sky.

- Uranus

- Visible all night at Mag +5.7 in Aries

- Neptune

- Telescopic object at Mag +7.8 in Aquarius, best around midnight

# Events of Interest in October

- **4<sup>th</sup>** Waning crescent Moon will be  $3^\circ$  from M44 Beehive Cluster in early hours.
- **8<sup>th</sup>** Peak of Draconid Meteor Shower, possibly higher rate than its normal 10/hour. Best around midnight to 1 a.m. on 9<sup>th</sup>
- **11<sup>th</sup>** Waxing crescent Moon will be  $4.5^\circ$  from Jupiter, low in South West
- **14<sup>th</sup>** Waxing crescent Moon will be  $4.7^\circ$  from Saturn, low in South South West
- **16<sup>th</sup>** Lunar X & Lunar V effects on Moon visible tonight on terminator, best around 7 pm BST
- **18<sup>th</sup>** Gibbous Moon will be  $3^\circ$  from Mars in South
- **27<sup>th</sup>** Aldeberan  $4^\circ$  from waning gibbous Moon.
- **30<sup>th</sup>** Mercury & Jupiter just  $3.5^\circ$  apart low in SW after sunset



# Meetings at Local Societies

- **Guildford AS** *Griffiths Lecture Theatre , Uni of Surrey*
  - Thursday 4<sup>th</sup> October, 7.30 p.m.
  - **Herschel Space Observatory and ALMA explore deep into space**
    - » Dr Mikako Matsuura
    - » Cardiff University

# Meetings at Local Societies

- **Farnham AS Aldershot Cricket Club**
  - Tuesday 9<sup>th</sup> October, 7.45 p.m.
    - **Probing the Dark Universe**
      - Dr David Bacon
        - » University of Portsmouth

# Meetings at Local Societies

- **Croydon AS** *Royal Russell School, Coombe Lane, Croydon*
  - Friday 5<sup>th</sup> October, 19.45 hrs
    - Thermonuclear Fusion in Stars
      - Mark R Smith
  - Friday 19<sup>th</sup> October, 19.45 hrs
    - Life In The Universe
      - Greg Smye Rumsby
        - » Royal Observatory Greenwich

# Meetings at Local Societies

- **Ewell AS** *Nonsuch High School for Girls School, Cheam*
  - Friday 12<sup>th</sup> October, 19.45 hrs
    - Schiaparelli – the Post Mortem and what comes next
      - Dr David Evans
        - » University of Birmingham

# Astronomy on TV

- **The Sky at Night**

- *“Space Britannia”*

- Maggie investigates the micro-satellites that are driving the UK's resurgent space industry, as well as plans for a new rocket system and our first spaceport in the north of Scotland. UK Astronaut Time Peake visits the Science Museum to discover Britain's past glories in space, and where it all went wrong.

Sunday            14<sup>th</sup> October            BBC 4, 10.00 pm

Thursday        18<sup>th</sup> October            BBC 4, 7.30 pm

*for exact times please check [www.radiotimes.com](http://www.radiotimes.com)  
or [www.bbc.co.uk/skyatnight](http://www.bbc.co.uk/skyatnight)*

and don't forget . . .

- Last Friday of the month at 7.20 pm
  - Next one is Friday 28<sup>th</sup> Sept
- Repeated at 11.00 pm the following Monday
- Also as a podcast from [www.brooklandsradio.co.uk](http://www.brooklandsradio.co.uk)





*"That's all Folks!"*