

# The Sky This Month

## 12 July – 11 September 2022



### What's On

Wednesday, 13 July 2022

#### Supermoon

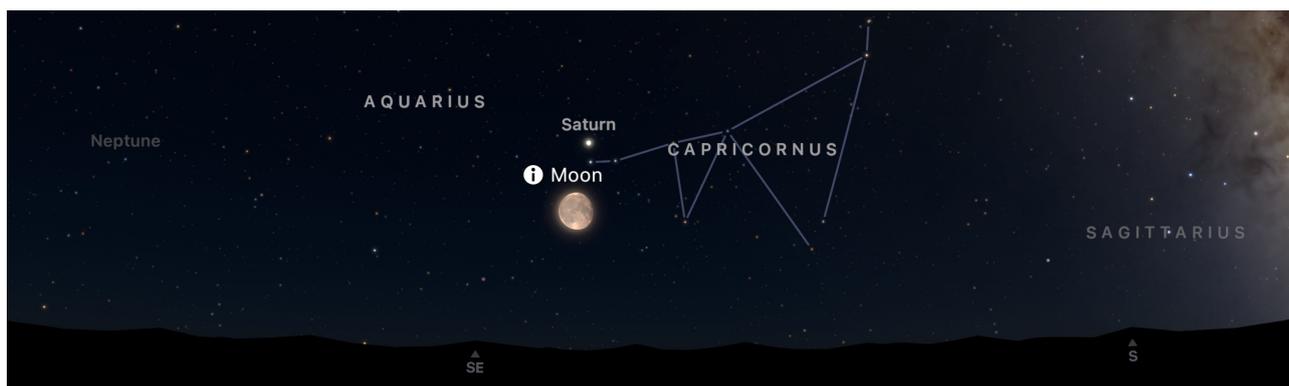
The full moon on 13th July will be a supermoon. The disc of the moon appears roughly 14% larger during a supermoon, giving photographers a great opportunity to add a little extra drama to their moonrise shots. So get that camera prepped and be ready! Moonrise starts at 22:10.



Saturday, 16 July 2022

#### Moon & Saturn

At 00:51, the pair will be visible  $10^\circ$  above the south eastern horizon, passing within only  $4.6^\circ$  each other in the constellation of Capricornus.



Friday, 22 July 2022

#### Moon & Mars

At 01:45, the pair will be visible  $9^\circ$  above the eastern horizon, passing within only  $4.27^\circ$  of each other in the constellation Aries.

Tuesday, 02 August 2022

## Uranus & Mars

On 2 August there is an opportunity to see a close encounter between Mars and Uranus. At 01:33, the pair will be visible  $13^\circ$  above the eastern horizon, passing within only  $1.31^\circ$  of each other in the constellation Aries.



Friday, 12 August 2022

## Perseids

The Perseids meteor shower reaches its peak activity on the night of 12 – 13 August. A good number of meteors should also be visible for a few nights before and after the peak. From our location, the number of visible meteors will be highest at 04:00 – expect to see about 12 meteors per hour. At that time the shower's radiant – (the point in the sky from which meteors appear to originate) will be  $63^\circ$  above the north-eastern horizon.

Saturday, 27 August 2022 @ 20:10

## Best evening to see Mercury

The planet Mercury reaches its greatest eastern elongation of  $27^\circ$  on 27 August. Evenings within about a week of this night will be your best opportunities to view the magnitude +0.2 planet. At sunset on this night, Mercury will be  $4^\circ$  above the western horizon and begin to appear against the darkening sky. It will set just 22 minutes afterward at 20:32.

Sunday, 11 September 2022 @ 21:29

## Moon & Jupiter

Keep watch after sunset on 11 September to see a close encounter between Jupiter and the waning gibbous moon. At 21:29, the pair will be visible  $10^\circ$  above the eastern horizon, passing within only  $3.2^\circ$  each other in the constellation Cetus.