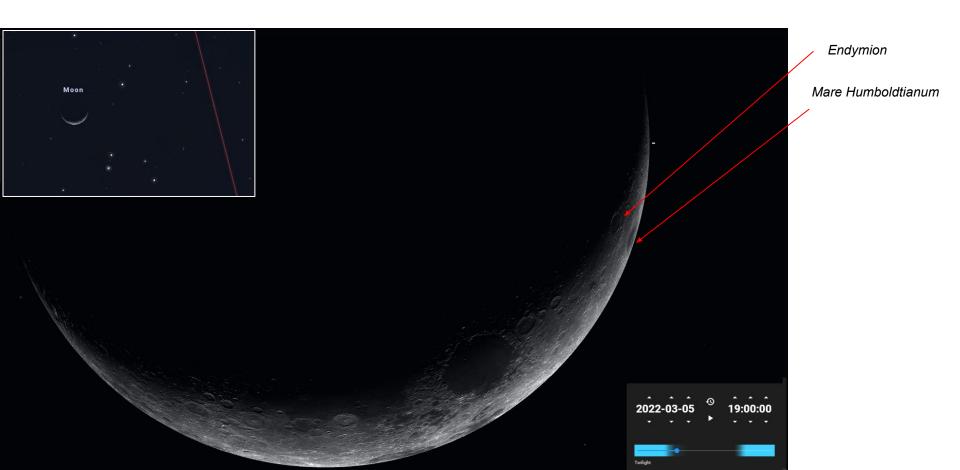
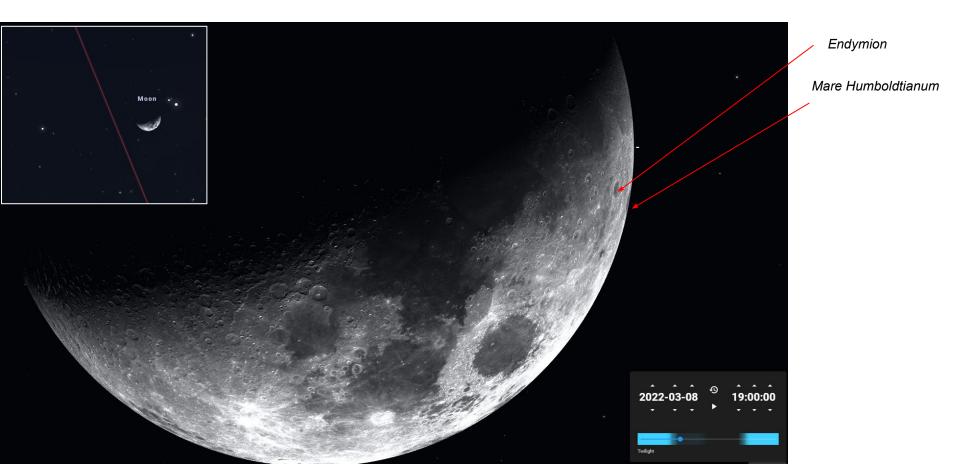
March Madness - 2022

- Moon libration
- Uranus in western evening skies visible with binoculars
- Plenty of planets pre-dawn all month: Venus, Mars, Saturn, plus cameo appearances by Jupiter, Mercury
- DST starts 3/13 0200 hrs
- Spring Equinox on 3/20 0833 hrs
- Ceres visible with binoculars near Taurus
- Cancer, Canis Minor, Gemini high in the sky all month
- No meteor showers

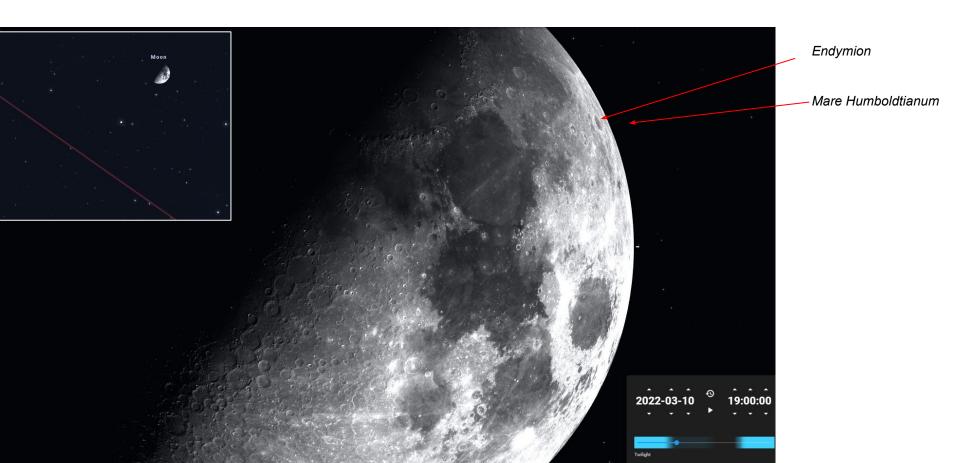
Moon libration Mar 4-10



Moon libration Mar 4-10



Moon libration Mar 4-10





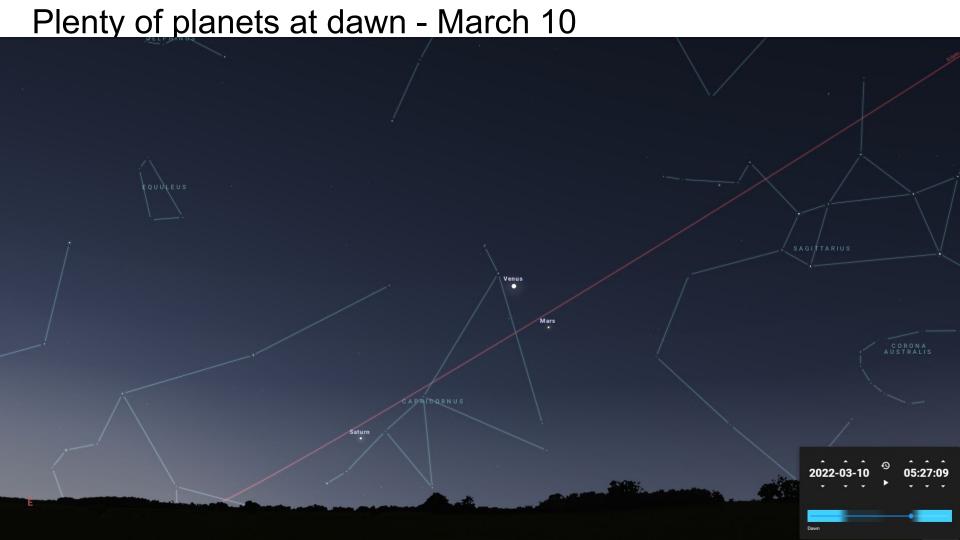
Uranus in evening sky March 8

Discovered by William Herschel 1781

Below Moon, visible with binoculars Between Hamal (Aries) & Menkar (Cetus) Az 270 Alt 25 - 2000 hrs Transits NE & lower in sky during March



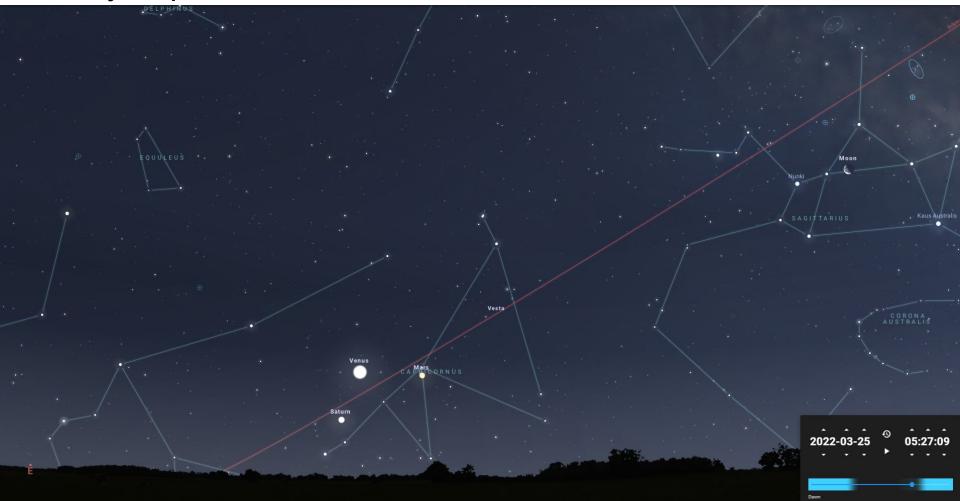




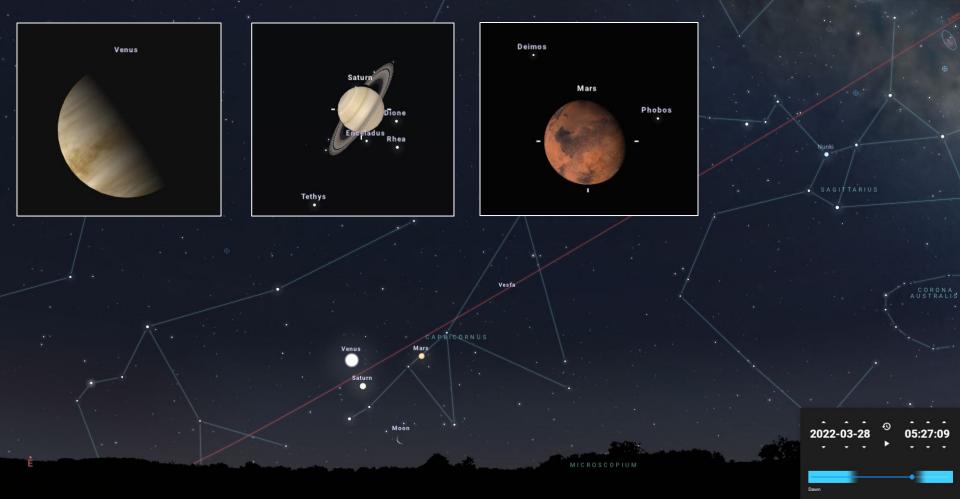
Plenty of planets at dawn - March 15 (note DST change)



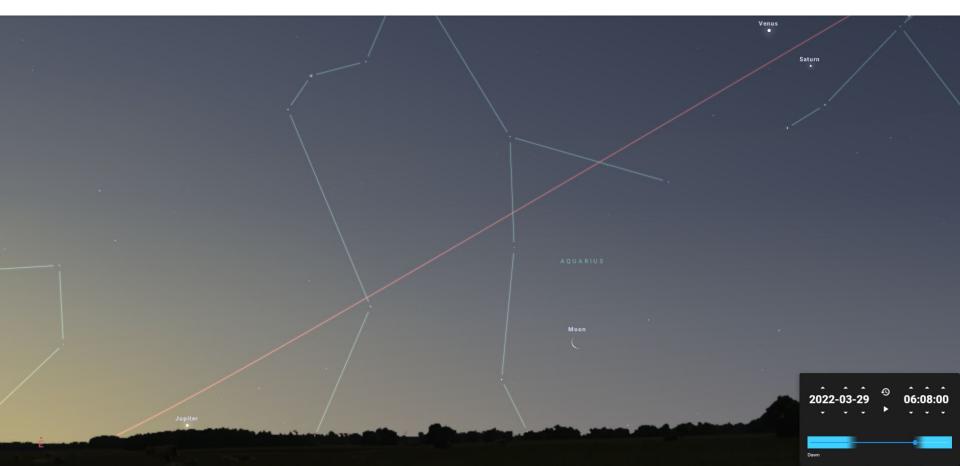


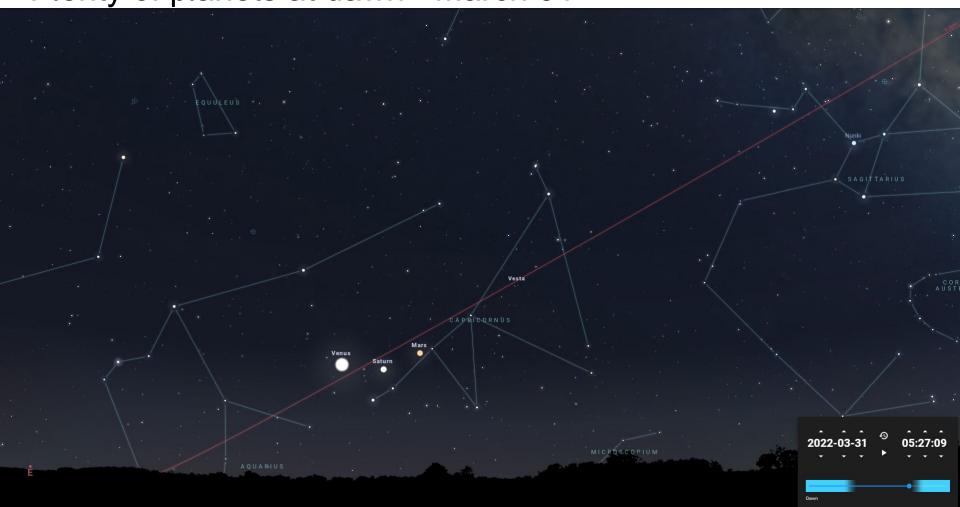


Plenty of planets at dawn - March 28 "best scene of the month"



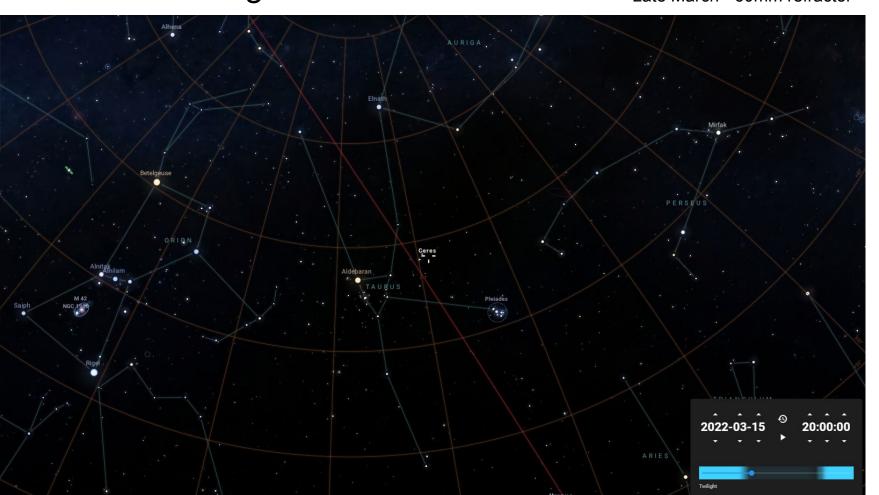
Plenty of planets at dawn - March 29 Jupiter reappears briefly



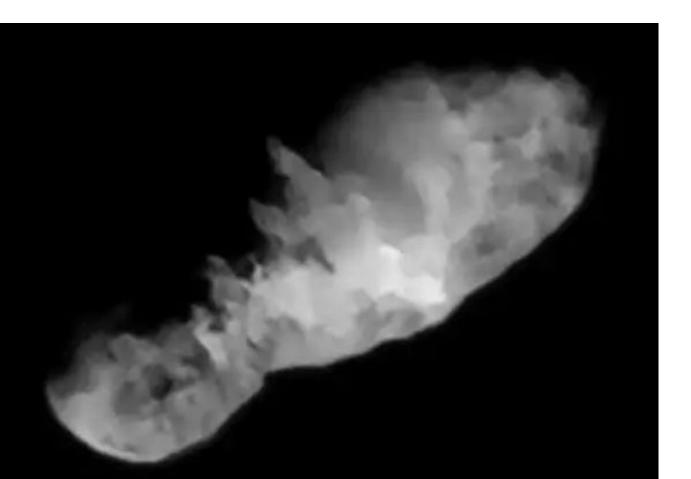


Ceres "climbing the horns of the Bull"

Early March - binoculars Late March - 60mm refractor



Comet 19P/Borelly



Deep Space 1 image Sept 2001

3400 km flyby 5 mile nucleus

Perihelion 2/1/2022

Returns Dec 2028 closer & brighter

Need 6" aperture scope under dark skies

Comet 19P/Borelly - March 31 (2030 hrs)

Az 289/Alt 44





March constellations Mar 15 - 2200 hrs

First view summer constellations

Hercules

Last view winter constellations

Aries

Cancer, Canis Minor best observed in early evenings this month