

March 2021



Pinwheel Galaxy M101
European Space Agency and NASA

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--------|--------|------------------------|--------------------------|-------------------------------|---------------------------|----------|
| | 1 | 2 | 3 | 4 | 5 Mercury 0.3° Jupiter | 6 |
| 7 | 8 | 9 Saturn 3.7°N Moon | 10 Jupiter 4.0°N Moon | 11 Neptune Conjunction Sun | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 Mars 1.9°N Moon | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | 31 | | | |

- 2** Moon at Perigee: 365422 km

- 3** Mars 2.6°S of Pleiades

- 6** Moon at Descending Node

- 6** Mercury at Greatest Elong: 27.3°W

- 14** Mercury at Aphelion

- 18** Moon at Apogee: 405253 km

- 20** Moon at Ascending Node

- 20** Vernal Equinox

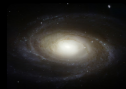
- 26** Venus at Superior Conjunction

- 30** Moon at Perigee: 360311 km

DSOs available this month

| | | | | | | |
|---------------------------------------|---------------------------------------|-------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 420mm-2800mm Bode's Galaxy | 400mm-2000mm Cone nebula | 400mm-4000mm Thor's Helmet | 400mm-4000mm Medusa nebula | 4000mm-8000mm Eskimo nebula | 300mm-1500mm Angel nebula | 500mm-4000mm NGC 2403 Galaxy |
| 1000mm-4000mm Sunflower Galaxy | 1000mm-4000mm Whirlpool Galaxy | 420mm-2000mm Pinwheel Galaxy | 750mm-4000mm Cigar Galaxy | 750mm-4000mm Sombrero Galaxy | 750mm-4000mm NGC 3521 Galaxy | 420mm-4000mm Needle Galaxy |

Credits



Bode's Galaxy M81

https://commons.wikimedia.org/wiki/File:Messier_81_HST.jpg
NASA, ESA and the Hubble Heritage Team (STScI/AURA)
Public domain



Cone nebula and Christmas Tree cluster

https://en.wikipedia.org/wiki/NGC_2264#/media/File:NGC_2264_by_ESO.jpg
ESO/Igor Chekalin
CC-BY-4.0



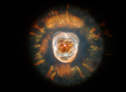
Thor's Helmet

<https://cxielo.ch/project/thors-helmet-ngc-2359/>
Martin Rusterholz in CXIELO
CC BY-SA 3.0



Medusa nebula

https://en.wikipedia.org/wiki/Medusa_Nebula#/media/File:Medusa_nebula.jpg
Jschulman555
CC BY 3.0



Eskimo nebula

<https://esahubble.org/images/heic9910a/>
NASA, ESA, Andrew Fruchter (STScI), and the ERO team (STScI + ST-ECF)
Public Domain



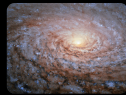
Angel nebula

https://commons.wikimedia.org/wiki/File:NGC2170_Nebula_from_the_Mount_Lemmon_SkyCenter_Schulman_Telescope_courtesy_Adam_Block.jpg
Adam Block/Mount Lemmon SkyCenter/University of Arizona
CC BY-SA 4.0



NGC 2403 Spiral galaxy

<https://commons.wikimedia.org/wiki/File:NGC2403-Subaru-HST-L.jpg>
Image Data - Subaru Telescope (NAOJ), Hubble Legacy Archive; Processing - Robert Gendler
CC BY-SA 4.0



Sunflower galaxy M63

https://commons.wikimedia.org/wiki/File:A_galactic_sunflower.jpg
ESA/Hubble and NASA
CC BY 4.0



Whirlpool galaxy M51

<https://commons.wikimedia.org/wiki/File:Messier51.jpg>
NASA, ESA, S. Beckwith (STScI), and The Hubble Heritage Team STScI/AURA
CC BY 4.0



Pinwheel Galaxy M101

https://commons.wikimedia.org/wiki/File:M101_hires_STScI-PRC2006-10a.jpg
European Space Agency and NASA
CC BY 4.0



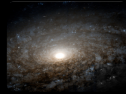
Cigar Galaxy M82

https://commons.wikimedia.org/wiki/File:M82_HST_ACS_2006-14-a-large_web.jpg
NASA, ESA, and The Hubble Heritage Team (STScI/AURA)
Public Domain



Sombrero Galaxy M104

https://commons.wikimedia.org/wiki/File:M104_ngc4594_sombrero_galaxy_hi-res.jpg
NASA/ESA and The Hubble Heritage Team (STScI/AURA)
Public Domain



NGC 3521 Spiral Galaxy

<https://commons.wikimedia.org/wiki/File:Ngc3521-hst-R814GB450.jpg>
Wikimedia commons
CC BY-SA 3.0



Needle Galaxy NGC 4565

https://commons.wikimedia.org/wiki/File:Needle_Galaxy_4565.jpeg
Ken Crawford
CC BY-SA 3.0

All images in this calendar are the property of their respective owners and have been used either with their permission or respecting their use license.

The images of Mercury, Venus, Mars, Jupiter, Saturn, Neptune, Uranus and Moon have been obtained from the posters of the "Solar System and Beyond Poster Set" <https://solarsystem.nasa.gov/resources/925/solar-system-and-beyond-poster-set/>

The image of the Sun has been obtained from the Solar Dynamics Observatory <https://sdo.gsfc.nasa.gov/>

If for any reason, you are the owner of any of the used images and would like them to be removed, please get in touch via any of the oprions offered on the StarlightHunter.com website and I will attend to your request as soon as it is received.

The events shown in the calendar are specified globally. The users are responsible to check the timing and visibility based on their location.