

July 2022

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

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Rho Ophiucus area
Oliver Gutiérrez



1 Venus 4.0°N of Aldebaran

4 Earth at Aphelion: 1.01672 AU

9 Moon at Descending Node

10 Mercury at Perihelion

10 Moon 3.0°S of Antares



13 Moon at Perigee: 357264 km



16 Mercury at Superior Conjunction

22 Moon at Ascending Node



23 Moon 3.4°N of Pleiades



26 Moon at Apogee: 406276 km

Suggested DSOs for this month



135mm-1000mm
Elephant Trunk



400mm-2000mm
Dumbbell Nebula



50mm-500mm
Snow Angel Nebula



35mm-500mm
Rho Ophiucus



50mm-300mm
Blue Horsehead



200mm-2000mm
Trifid



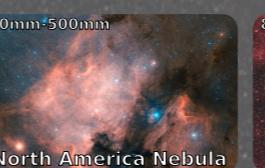
135mm-1000mm
Lagoon



135mm-1000mm
Eagle Nebula



400mm-2000mm
Swan Nebula



50mm-500mm
North America Nebula



85mm-420mm
Flying Bat and Squid



420mm-4000mm
Crescent Nebula



420mm-4000mm
Fireworks Galaxy



200mm-2000mm
Iris Nebula

Credits



Elephant Trunk IC 1396

<https://www.astrobin.com/r/2rcs/>
Raúl López, Skyman
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Dumbbell Nebula M27

https://commons.wikimedia.org/wiki/File:M27_-_32-inch_Schulman_Telescope,_Mount_Lemmon.jpg
Adam Block/Mount Lemmon SkyCenter/University of Arizona
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Snow Angel Nebula

https://en.wikipedia.org/wiki/Sh2-106#/media/File:Sharpless_2-106.jpg
NASA, ESA, and the Hubble Heritage Team (STScI/AURA)
Public Domain



Rho Ophiucus area

<https://StarlightHunter.com>
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Blue Horsehead Nebula

https://commons.wikimedia.org/wiki/File:Rho_Ophiucus_Widefield.jpg
Rogelio Bernal Andreo
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Trifid Nebula

https://commons.wikimedia.org/wiki/File:Close_up_of_the_Trifid_Nebula_M20.jpg
Dylan O'Donnell
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Lagoon Nebula

https://commons.wikimedia.org/wiki/File:M8_Lagoon_Nebula_True_Colour_4K.jpg
Dylan O'Donnell
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Eagle Nebula

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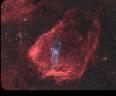
Swan Nebula

https://commons.wikimedia.org/wiki/File:The_starFormation_region_Messier_17.jpg
ESO
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North America Nebula

https://commons.wikimedia.org/wiki/File:NGC7000_North_America_Nebula.jpg
NASA
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Flying Bat and Squid

<https://www.nebulaphotos.com/sharpless/sh2-129/>
Nico Carver
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Crescent Nebula

https://commons.wikimedia.org/wiki/File:NGC_6888,_the_Crescent_Nebula_in_Cygnus,_imaged_by_amateur_astronomer_Patrick_Hsieh.jpg
Patrick Hsieh
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Fireworks Galaxy

https://commons.wikimedia.org/wiki/File:NGC6946_by_Goran_Nilsson_%26_The_Liverpool_Telescope.jpg
Göran Nilsson and The Liverpool Telescope
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Iris Nebula

[https://commons.wikimedia.org/wiki/File:Iris_Nebula_\(NGC7023\)_by_G%C3%B6ran_Nilsson,_Hole_Observatory.jpg](https://commons.wikimedia.org/wiki/File:Iris_Nebula_(NGC7023)_by_G%C3%B6ran_Nilsson,_Hole_Observatory.jpg)
Göran Nilsson
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