

December 2021

Pleiades M45
Oliver Gutiérrez, StarlightHunter.com

3 Moon at Descending Node

4 Moon at Perigee: 356794 km

17 Moon at Ascending Node

18 Moon at Apogee: 406322 km

21 Pollux 2.6°N of Moon

21 Winter Solstice

22 Beehive 3.3°S of Moon

24 Regulus 5.1°S of Moon

27 Mars 4.4°N of Antares

31 Moon at Descending Node

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Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4 Total Sun Eclipse
5	6	7 Venus 1.9°N Moon	8 Saturn 4.2°N Moon	9 Jupiter 4.5°N Moon	10	11
12	13	14 Geminid Meteor Shower	15	16	17	18
19	20	21	22 Ursid Meteor Shower	23	24	25
26	27	28	29 Mercury 4.2° Venus	30	31 Mars 1.0°N Moon	

Suggested DSOs for this month

50mm-500mm Andromeda Galaxy	50mm-700mm Pleiades	135mm-1000mm Jellyfish Nebula	135mm-750mm Orion Nebula	135mm-1250mm Triangulum Galaxy	135mm-1250mm Pacman Nebula	200mm-2000mm The Hidden Galaxy
750mm-4000mm Phantom Galaxy	1000mm-4000mm Crab Nebula	50mm-420mm Heart Nebula	85mm-600mm Soul Nebula	1200mm-4000mm Little Dumbbell	400mm-4000mm Spiral Galaxy M77	85mm-750mm Rosette Nebula
50mm-300mm Large Magellanic Cloud	135mm-750mm Horsehead Nebula	1200mm-4000mm Nautilus Galaxy	750mm-4000mm Galaxy NGC 891	500mm-4000mm Barred Spiral Galaxy	200mm-1000mm Spider Nebula	135mm-750mm Flaming Star Nebula

Credits



Andromeda Galaxy M31

<https://www.astrobin.com/55421/>
Raúl López, Skyman
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Pleiades M45

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Jellyfish Nebula IC 443

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Nico Carver (NebulaPhotos.com)
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Great Orion Nebula M42

<https://starlighthunter.com/imagenes/nebulosa-de-orion-m42-con-calibrado-de-color-fotom/>
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Triangulum Galaxy M33

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Pacman Nebula NGC 281

<https://www.spacetelescope.org/images/opo0613b/>
T.A. Rector/University of Alaska Anchorage and WIYN/AURA/NSF
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The Hidden Galaxy IC 342

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Phantom Galaxy M74

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Crab Nebula M1

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Heart Nebula IC 1805

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Soul Nebula IC 1848

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Little Dumbbell Nebula M76

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Göran Nilsson, Wim van Berlo and The Liverpool Telescope
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Spiral Galaxy M77

https://commons.wikimedia.org/wiki/File:Messier_77_spiral_galaxy_by_HST.jpg
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Rosette Nebula NGC 2244

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<https://sdo.gsfc.nasa.gov/>

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