

M50, Open Cluster (Monoceros)

Continuing a series of photograph's of the Messier Objects.



By By Jim Mazur - <http://www.skyledge.net/Messier50.htm>, CC BY-SA 4.0, <https://commons.wikimedia.org/w/index.php?curid=108284979>

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Sky Notes

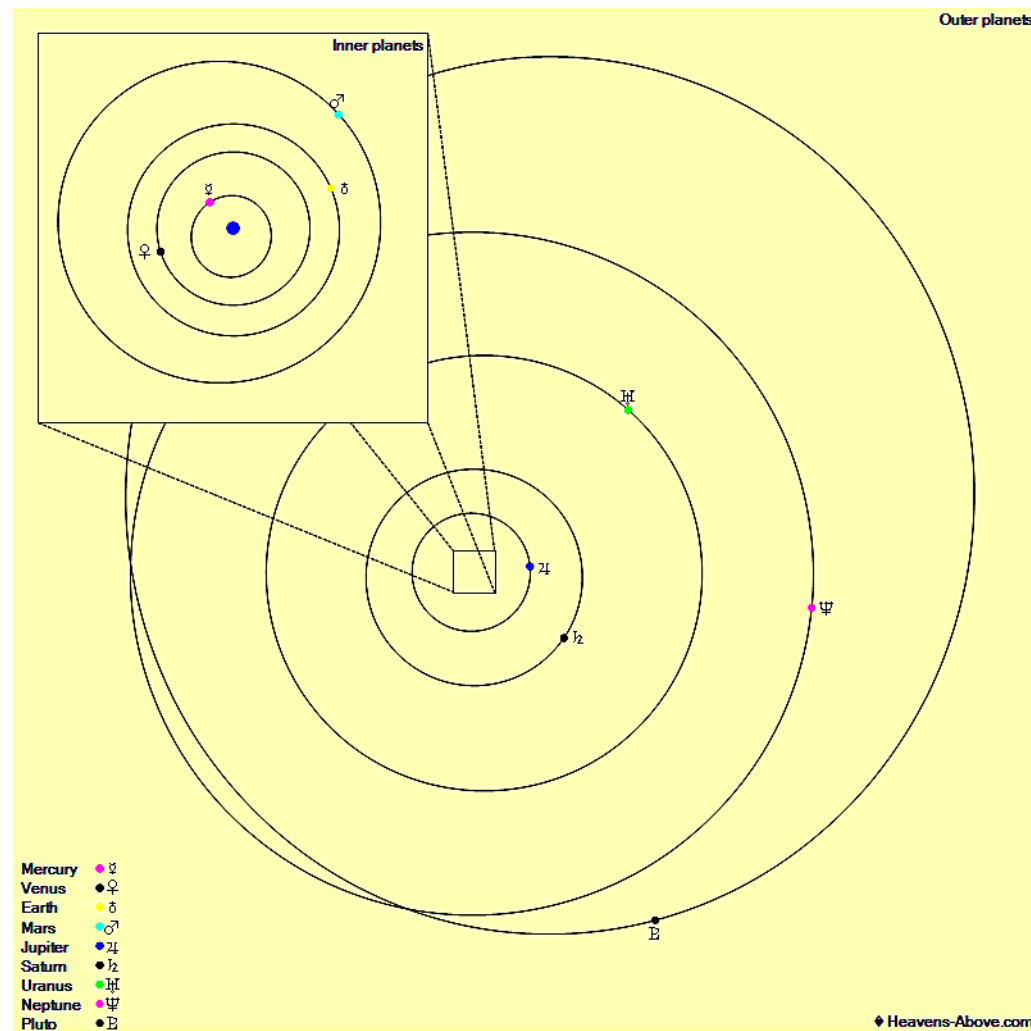
by **Chris Longthorn** **October 2022, no 154**

The night sky at 23:00 U.T.C., October 15th 2022

Sky Events for October 2022

- 03 00:14 FIRST QUARTER MOON
- 05 15:51 Saturn 4.1°N of Moon
- 08 18:06 Jupiter 2.1°N of Moon
- 09 20:55 FULL MOON
- 13 03:46 Pleiades 2.7°N of Moon
- 15 04:28 Mars 3.6°S of Moon
- 17 17:15 LAST QUARTER MOON
- 21 18:00 Orionid Meteor Shower
- 22 21:00 Venus at Superior Conjunction
- 24 07:09 ISS, -3, 51°, SSE
- 25 10:49 NEW MOON
- 25 11:00 Partial Solar Eclipse; mag=0.862
- 26 07:07 ISS, -3.6, 72°, S
- 27 06:18 ISS, -3.5, 61°, SSE
- 28 07:05 ISS, -3.7, 81°, S
- 29 06:16 ISS, -3.8, 78°, S
- 30 06:03 ISS, -3.7, 73°, S
- 31 05:14 ISS, -3.8, 79°, S

The Planets, mid October



Mercury is in Virgo with a magnitude of -0.9, a phase of 79%, and a diameter of 6". It rises at 04:54, transits at 10:55, and sets at 16:55. It is visible low in the east before sunrise.

Venus is in Virgo with a magnitude of -3.9, a phase of 100%, and a diameter of 10". It rises at 06:16, transits at 11:46, and sets at 17:14. It is currently too close to the Sun to be observed.

Mars is in Taurus with a magnitude of -0.9, a phase of 90%, and a diameter of 13". It transits at 04:04, sets at 12:23, and rises again at 19:43. It is visible in the morning sky.

Jupiter is in Pisces with a magnitude of -2.9 and a diameter of 49". It sets at 04:37, rises again at 16:37, and transits at 22:35. It is well placed for observation throughout the night.

Saturn is in Capricornus with a magnitude of +0.6 and a diameter of 18". It sets at 00:31, rises again at 15:21, and transits at 19:54. It is visible in the evening sky.

Uranus is in Aries with a magnitude of +5.6 and a diameter of 4". It transits at 01:33, sets at 09:08, and rises again at 17:54. It is well placed for observation throughout the night.

Neptune is in Aquarius with a magnitude of +7.8 and a diameter of 2". It sets at 03:52, rises again at 16:22, and transits at 22:05. It is well placed for observation throughout the night.