

M61, Spiral Galaxy (Virgo)

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



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Rugby & District Astronomical Society

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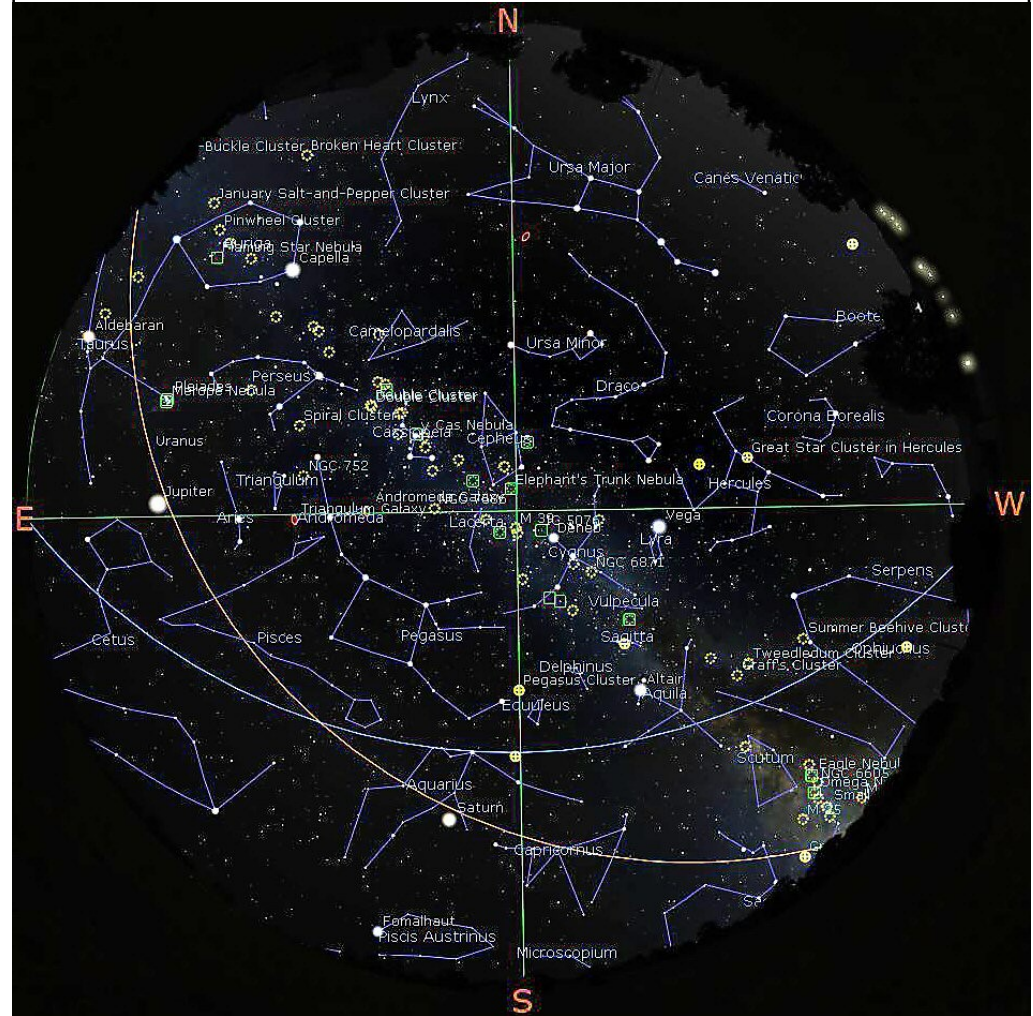
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Sky Notes

by Chris Longthorn

September 2023, no 165

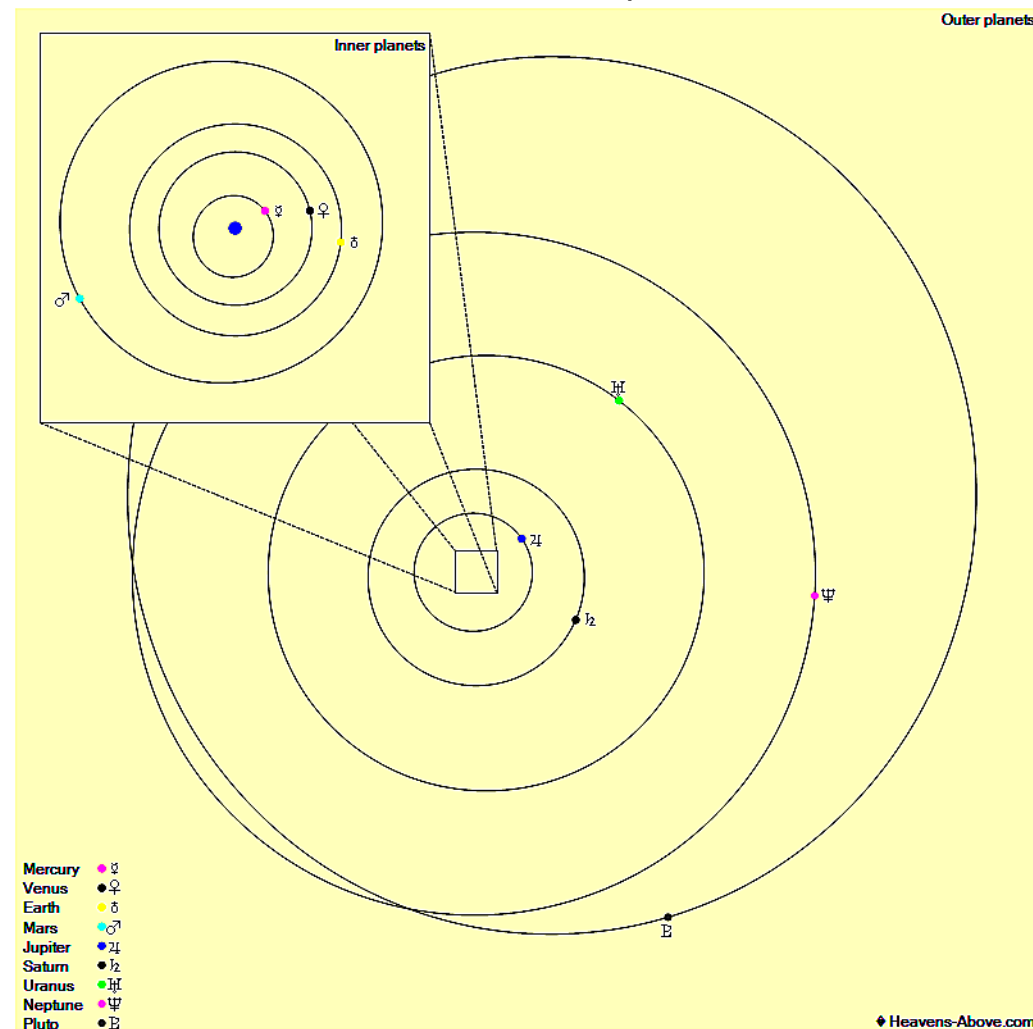


The night sky at 23:00 U.T.C., September 15th 2023

Sky Events for September 2023

- 04 19:44 Jupiter 3.3°S of Moon
- 05 19:25 Pleiades 1.2°N of Moon
- 06 11:00 Mercury at Inferior Conjunction
- 06 22:21 LAST QUARTER MOON
- 15 01:40 NEW MOON
- 16 19:19 Mars 0.7°S of Moon: Occn.
- 16 21:14 ISS, -3.3, 44°, S
- 17 20:28 ISS, -3, 34°, SSE
- 18 21:19 ISS, -3.9, 69°, S
- 19 10:00 Neptune at Opposition
- 19 20:32 ISS, -3.7, 58°, SSE
- 20 19:46 ISS, -3.3, 47°, SSE
- 20 21:23 ISS, -3.7, 74°, SW
- 21 20:37 ISS, -3.8, 78°, S
- 22 13:00 Mercury at Greatest Elong: 17.9°W
- 22 19:32 FIRST QUARTER MOON
- 22 19:51 ISS, -3.7, 71°, S
- 22 21:27 ISS, -3.2, 54°, WSW
- 23 06:50 Autumnal Equinox
- 23 20:41 ISS, -3.8, 78°, S
- 24 19:55 ISS, -3.8, 81°, S
- 25 20:46 ISS, -3.6, 59°, SSW
- 26 20:00 ISS, -3.7, 69°, S
- 27 01:25 Saturn 2.7°N of Moon
- 28 20:05 ISS, -3, 45°, SSW
- 29 09:57 FULL MOON

The Planets, mid September



Mercury is in Leo with a magnitude of +1.1, a phase of 20%, and a diameter of 9". It rises at 04:24, transits at 11:06, and sets at 17:48. It is visible low in the east before sunrise.

Venus is in Cancer with a magnitude of -4.5, a phase of 25%, and a diameter of 40". It rises at 02:27, transits at 09:30, and sets at 16:34. It is visible in the morning sky.

Mars is in Virgo with a magnitude of +1.7, a phase of 99%, and a diameter of 4". It rises at 07:33, transits at 13:14, and sets at 18:54. It is visible low in the west after sunset.

Jupiter is in Aries with a magnitude of -2.7 and a diameter of 46". It transits at 03:23, sets at 10:48, and rises again at 19:54. It is visible in the morning sky.

Saturn is in Aquarius with a magnitude of +0.5 and a diameter of 19". It sets at 03:48, rises again at 17:49, and transits at 22:47. It is well placed for observation throughout the night.

Uranus is in Aries with a magnitude of +5.7 and a diameter of 4". It transits at 03:52, sets at 11:36, and rises again at 20:04. It is visible in the morning sky.

Neptune is in Pisces with a magnitude of +7.8 and a diameter of 2". It transits at 00:19, sets at 06:08, and rises again at 18:26. It is well placed for observation throughout the night.