

M49, Elliptical Galaxy (Virgo)

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



By NOIRLAB / NSF / AURA - <https://noirlab.edu/public/es/images/noao-m49/>

Rugby & District Astronomical Society

www.rugbyastro.org.uk

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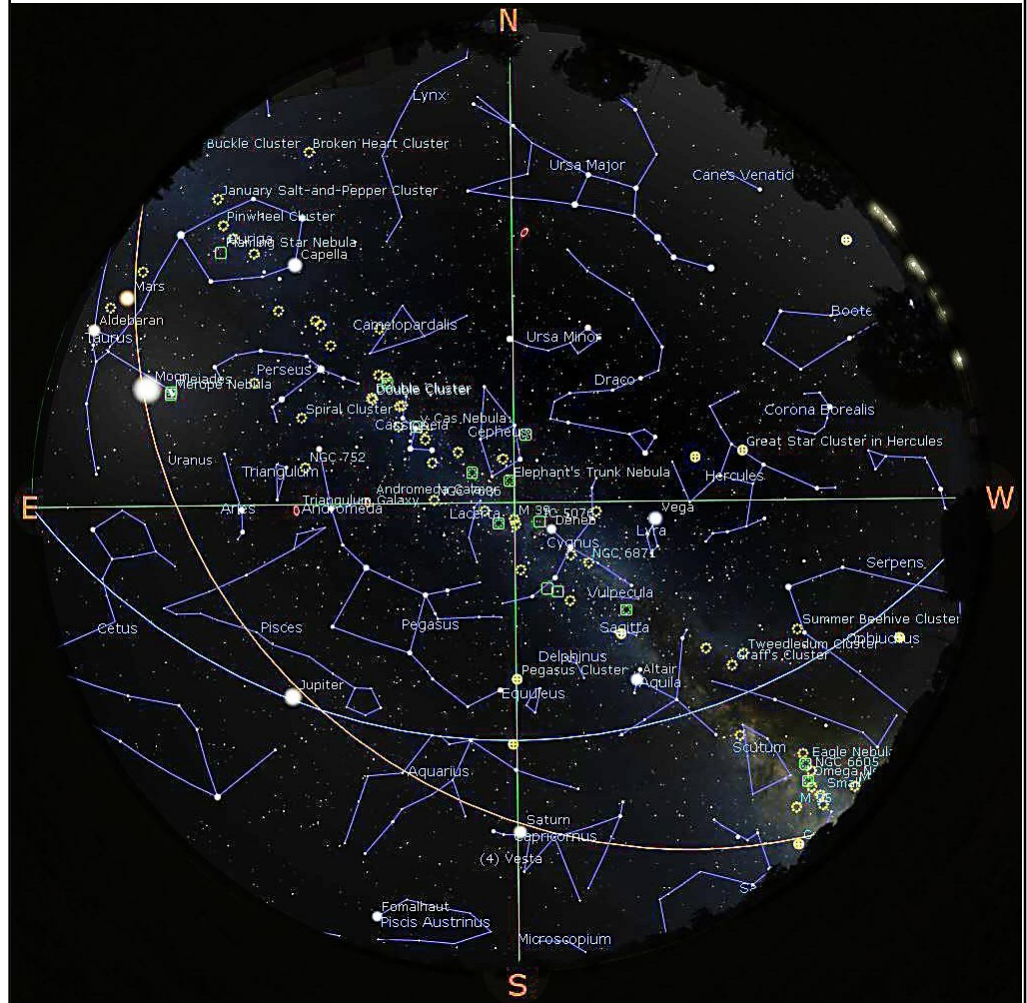
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Sky Notes

by Chris Longthorn

September 2022, no 153

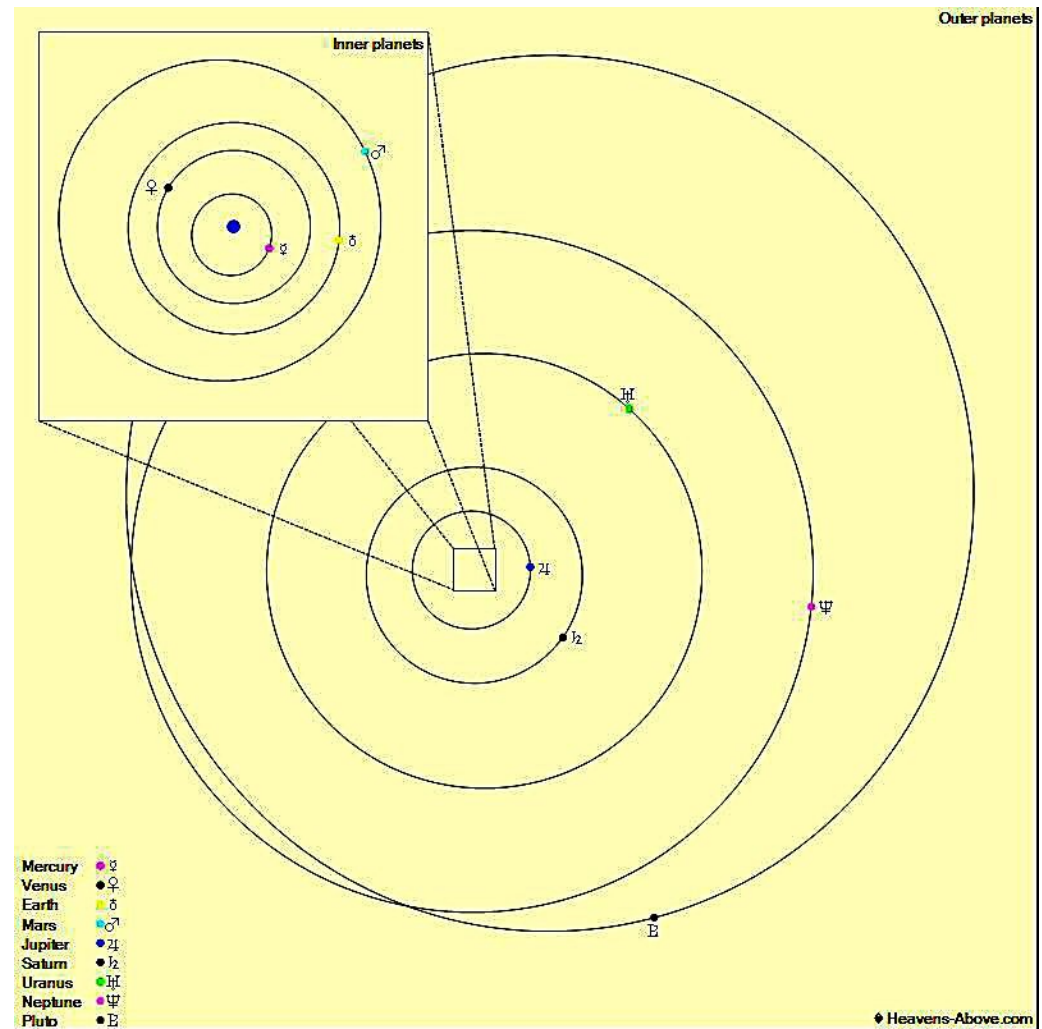


The night sky at 23:00 U.T.C., September 15th 2022

Sky Events for September 2022

- 03 18:08 FIRST QUARTER MOON
- 04 23:00 Venus at Perihelion
- 08 10:31 Saturn 3.9°N of Moon
- 10 09:59 FULL MOON
- 11 15:11 Jupiter 1.8°N of Moon
- 15 18:50 Pleiades 2.9°N of Moon
- 16 21:00 Neptune at Opposition
- 17 01:41 Mars 3.6°S of Moon
- 17 21:03 ISS, -3.1, 37°, SSE
- 17 21:52 LAST QUARTER MOON
- 18 19:30 Meeting, Church Lawford
- 19 21:01 ISS, -3.7, 58°, SSE
- 20 20:13 ISS, -3.3, 46°, SSE
- 21 21:00 ISS, -3.9, 77°, S
- 22 20:11 ISS, -3.7, 68°, SSE
- 23 01:04 Autumnal Equinox
- 23 07:00 Mercury at Inferior Conjunction
- 23 20:59 ISS, -3.9, 80°, S
- 24 20:10 ISS, -3.8, 80°, S
- 25 20:57 ISS, -3.8, 67°, SSW
- 25 21:54 NEW MOON
- 26 18:00 Jupiter at Opposition
- 26 20:08 ISS, -3.8, 76°, S
- 27 20:55 ISS, -3.2, 45°, SSW
- 28 20:06 ISS, -3.4, 58°, SSW

The Planets, mid September



Mercury is in Virgo with a magnitude of +2.2, a phase of 11%, and a diameter of 10". It rises at 07:21, transits at 12:48, and sets at 18:15. It is visible low in the west after sunset.

Venus is in Leo with a magnitude of -3.9, a phase of 99%, and a diameter of 10". It rises at 04:39, transits at 11:26, and sets at 18:12. It is visible low in the east before sunrise.

Mars is in Taurus with a magnitude of -0.3, a phase of 86%, and a diameter of 11". It transits at 05:18, sets at 13:25, and rises again at 21:10. It is visible in the morning sky.

Jupiter is in Pisces with a magnitude of -2.9 and a diameter of 50". It transits at 00:51, sets at 06:57, and rises again at 18:41. It is well placed for observation throughout the night.

Saturn is in Capricornus with a magnitude of +0.4 and a diameter of 18". It sets at 02:35, rises again at 17:21, and transits at 21:56. 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 03:34, sets at 11:11, and rises again at 19:54. It is visible in the morning sky.

Neptune is in Aquarius with a magnitude of +7.8 and a diameter of 2". It transits at 00:10, sets at 05:54, and rises again at 18:21. It is well placed for observation throughout the night.