

M54, Globular Cluster (Sagittarius)

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



Hubble

Rugby & District Astronomical Society

www.rugbyastro.org.uk

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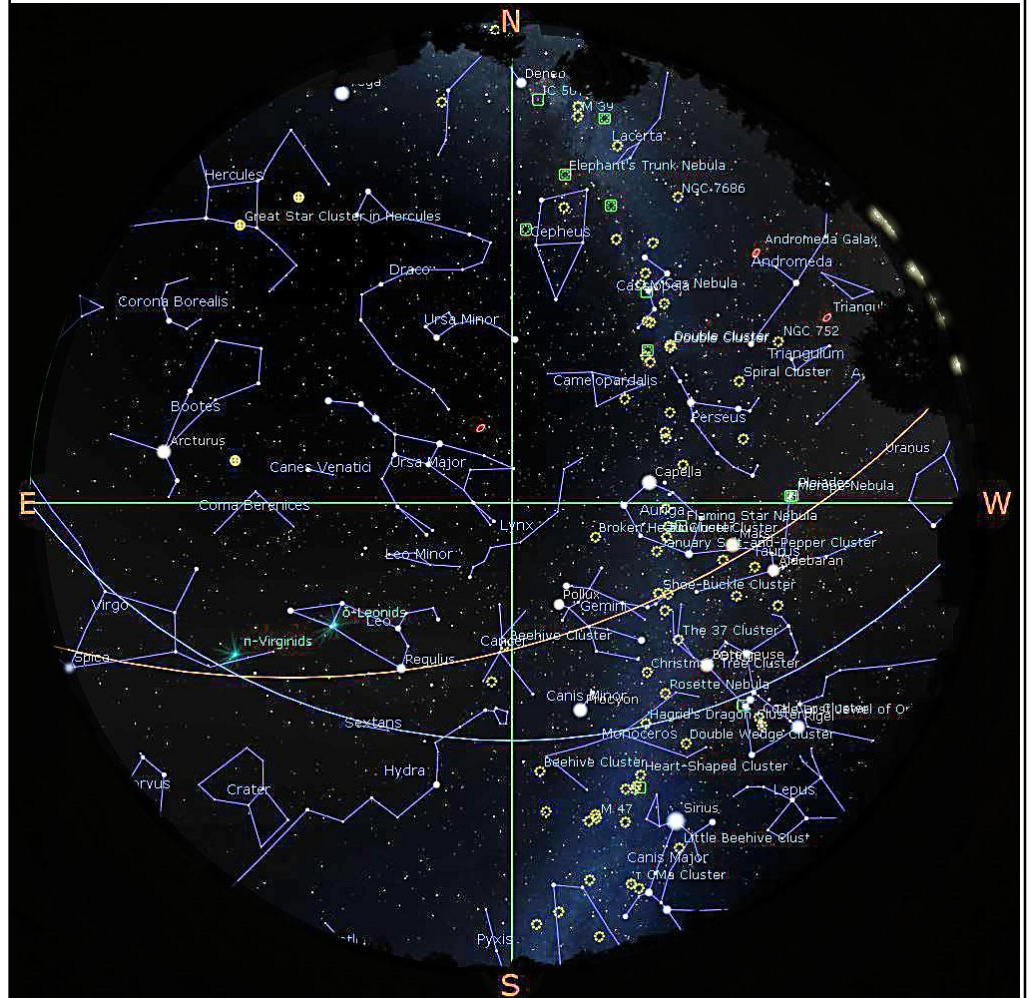
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Sky Notes

by Chris Longthorn

February 2023, no 158

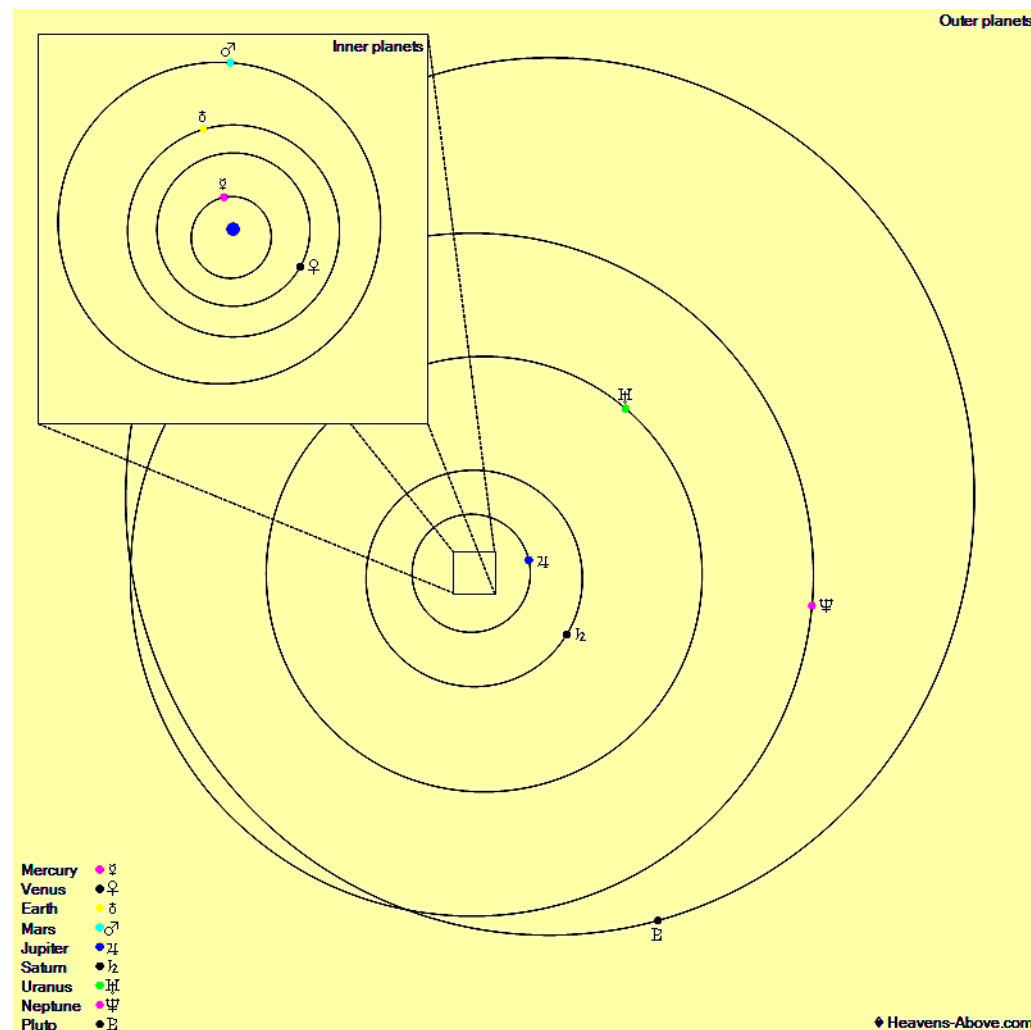


The night sky at 23:00 U.T.C., February 15th 2023

Sky Events for February 2023

- 01 18:59 ISS, -2.6, 69°, S
- 05 18:29 FULL MOON
- 13 16:01 LAST QUARTER MOON
- 15 20:00 Mercury at Aphelion
- 16 16:00 Saturn in Conjunction with Sun
- 17 19:30 Observing at Barby: No Moon. Deep Sky.
- 18 19:30 Observing at Barby: No Moon. Deep Sky.
- 18 20:53 Mercury 3.6°N of Moon
- 19 19:30 **R&DAS Meeting**
- 20 07:06 NEW MOON
- 22 07:57 Venus 2.1°N of Moon
- 22 19:59 ISS, -1.6, 69°, S
- 22 21:58 Jupiter 1.2°N of Moon: Occn.
- 23 20:59 ISS, -0.6, 69°, S
- 25 19:30 Observing at Barby: Waxing Crescent Moon (35%)
- 25 21:59 ISS, 0.4, 69°, S
- 26 14:42 Pleiades 2.1°N of Moon
- 26 19:30 Observing at Barby: Waxing Crescent Moon (35%)
- 26 22:59 ISS, 1.4, 69°, S
- 27 08:06 FIRST QUARTER MOON
- 27 23:59 ISS, 2.4, 69°, S
- 28 00:59 ISS, 3.4, 69°, S
- 28 04:32 Mars 1.1°S of Moon: Occn.

The Planets, mid February



Mercury is in Capricornus with a magnitude of -0.2, a phase of 83%, and a diameter of 5". It rises at 06:46, transits at 10:58, and sets at 15:10. It is visible low in the east before sunrise.

Venus is in Aquarius with a magnitude of -4.0, a phase of 89%, and a diameter of 12". It rises at 08:19, transits at 14:04, and sets at 19:51. It is visible low in the west after sunset.

Mars is in Taurus with a magnitude of +0.1, a phase of 91%, and a diameter of 9". It sets at 03:49, rises again at 10:40, and transits at 19:14. It is visible in the evening sky.

Jupiter is in Cetus with a magnitude of -2.1 and a diameter of 35". It rises at 08:43, transits at 14:58, and sets at 21:14. It is visible in the evening sky.

Saturn is in Aquarius with a magnitude of +0.8 and a diameter of 15". It rises at 07:34, transits at 12:25, and sets at 17:16. It is currently too close to the Sun to be observed.

Uranus is in Aries with a magnitude of +5.8 and a diameter of 4". It sets at 00:49, rises again at 09:44, and transits at 17:15. It is visible in the evening sky.

Neptune is in Aquarius with a magnitude of +8.0 and a diameter of 2". It rises at 08:19, transits at 14:04, and sets at 19:49. It is visible low in the west after sunset.