

## M57, Ring Nebula (Lyra)

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



Credits: NASA, ESA and the Hubble Heritage (STScI/AURA)-ESA/Hubble Collaboration

### Rugby & District Astronomical Society

[www.rugbyastro.org.uk](http://www.rugbyastro.org.uk)

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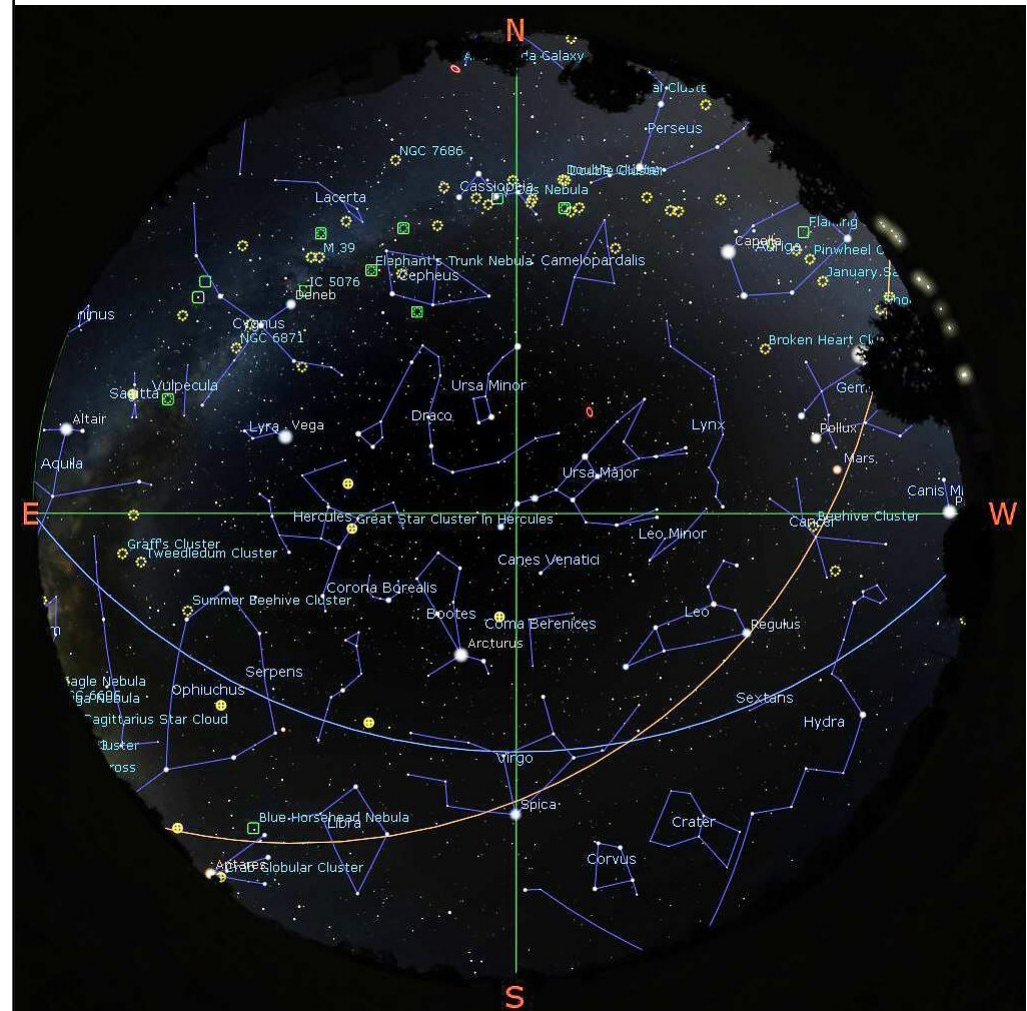
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## Rugby & District Astronomical Society

### Sky Notes

by Chris Longthorn

May 2023, no 161

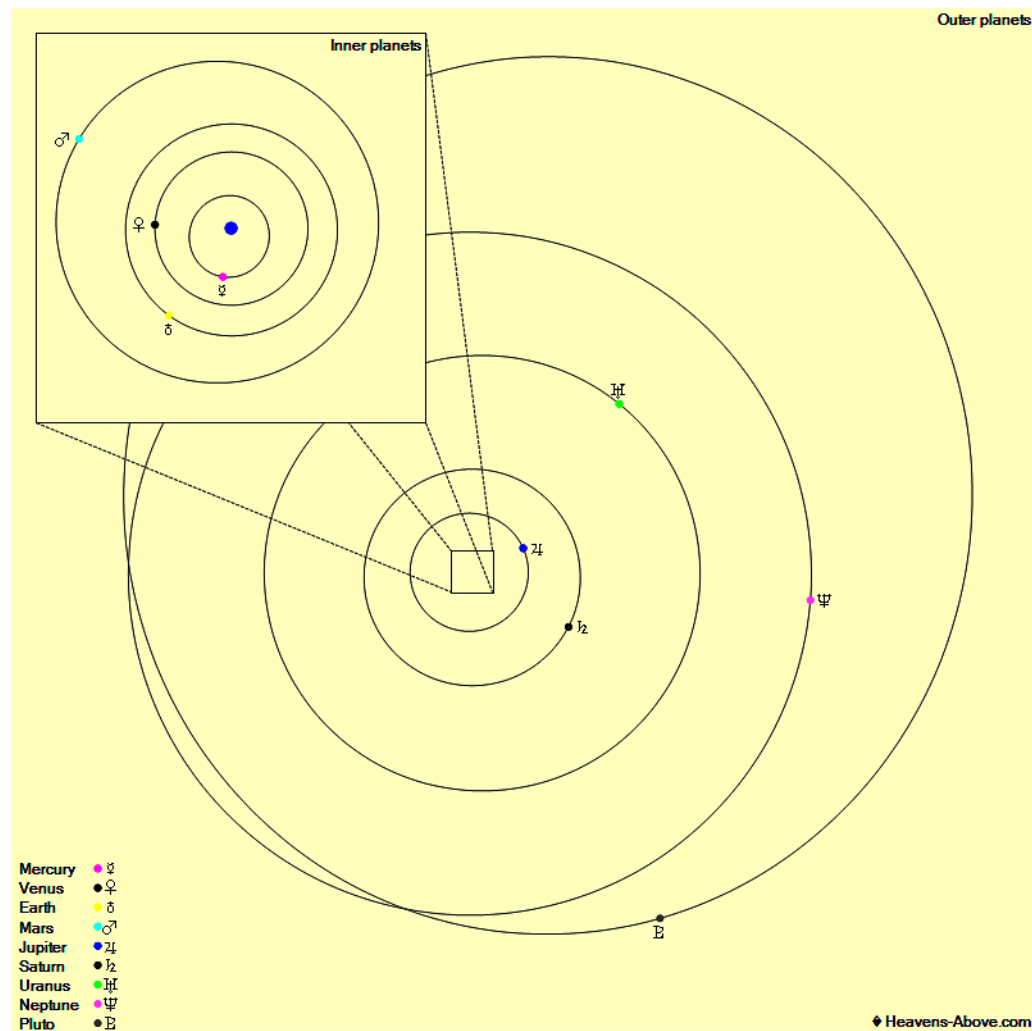


The night sky at 23:00 U.T.C., May 15th 2023

# Sky Events for May 2023

- 01 23:00 Mercury at Inferior Conjunction
- 05 14:00 Eta-Aquarid Meteor Shower
- 05 17:23 Pen. Lunar Eclipse; mag=0.964
- 05 17:34 FULL MOON
- 09 21:00 Uranus in Conjunction with Sun
- 12 14:28 LAST QUARTER MOON
- 13 13:04 Saturn 3.3°N of Moon
- 13 22:36 ISS, -3.1, 32°, SSE
- 14 23:24 ISS, -3.9, 65°, SSE
- 15 22:35 ISS, -3.7, 53°, SSE
- 16 21:46 ISS, -3.3, 40°, SSE
- 16 23:23 ISS, -3.9, 79°, S
- 17 13:15 Jupiter 0.8°S of Moon: Occn.
- 17 22:34 ISS, -3.9, 73°, S
- 18 01:34 Mercury 3.6°S of Moon
- 18 21:45 ISS, -3.7, 62°, SSE
- 18 23:21 ISS, -3.9, 77°, S
- 19 15:53 NEW MOON
- 19 22:32 ISS, -3.9, 81°, S
- 20 23:20 ISS, -3.8, 60°, SSW
- 21 19:30 R&DAS Monthly Meeting
- 21 22:31 ISS, -3.8, 71°, S
- 22 23:18 ISS, -3.1, 38°, SSW
- 23 12:08 Venus 2.2°S of Moon
- 23 22:29 ISS, -3.5, 50°, SSW
- 24 01:37 Pollux 1.6°N of Moon
- 24 17:32 Mars 3.8°S of Moon
- 24 23:16 ISS, -2.3, 22°, SSW
- 25 22:27 ISS, -2.7, 31°, SSW
- 26 23:14 ISS, -1.4, 12°, SW
- 27 15:22 FIRST QUARTER MOON
- 27 22:25 ISS, -1.7, 17°, SW

## The Planets, mid May



**Mercury** is in Aries with a magnitude of +2.0, a phase of 15%, and a diameter of 11". It rises at 03:50, transits at 10:51, and sets at 17:52. It is visible low in the east before sunrise.

**Venus** is in Gemini with a magnitude of -4.2, a phase of 60%, and a diameter of 19". It rises at 06:30, transits at 15:12, and sets at 23:53. It is visible in the evening sky.

**Mars** is in Gemini with a magnitude of +1.5, a phase of 92%, and a diameter of 5". It sets at 00:46, rises again at 08:18, and transits at 16:31. It is visible in the evening sky.

**Jupiter** is in Pisces with a magnitude of -2.1 and a diameter of 34". It rises at 03:28, transits at 10:26, and sets at 17:24. It is visible low in the east before sunrise.

**Saturn** is in Aquarius with a magnitude of +1.0 and a diameter of 17". It rises at 02:01, transits at 07:09, and sets at 12:16. It is visible in the morning sky.

**Uranus** is in Aries with a magnitude of +5.8 and a diameter of 3". It rises at 04:03, transits at 11:41, and sets at 19:19. It is currently too close to the Sun to be observed.

**Neptune** is in Pisces with a magnitude of +7.9 and a diameter of 2". It rises at 08:25, and sets at 14:16. It is visible in the morning sky.