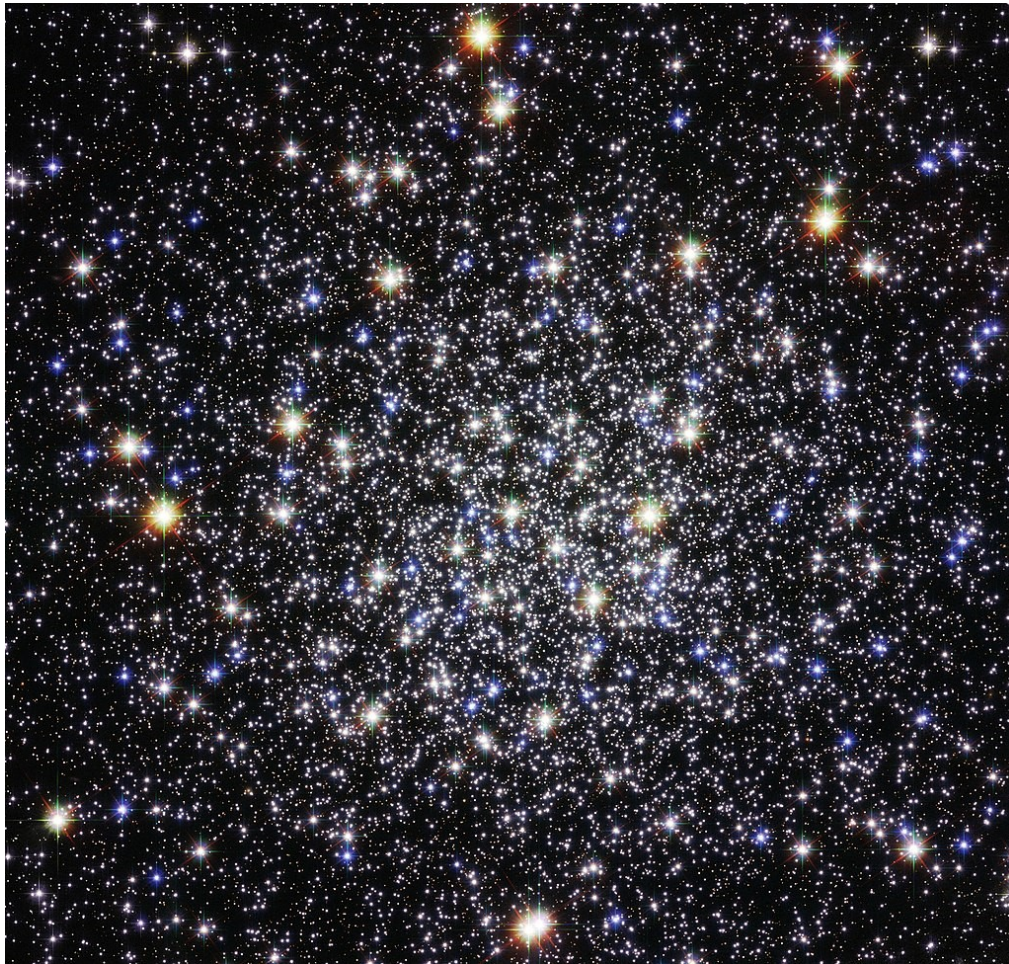


M12 Globular Cluster, (Ophiuchus)

Continuing a series of photograph's of the Messier Objects



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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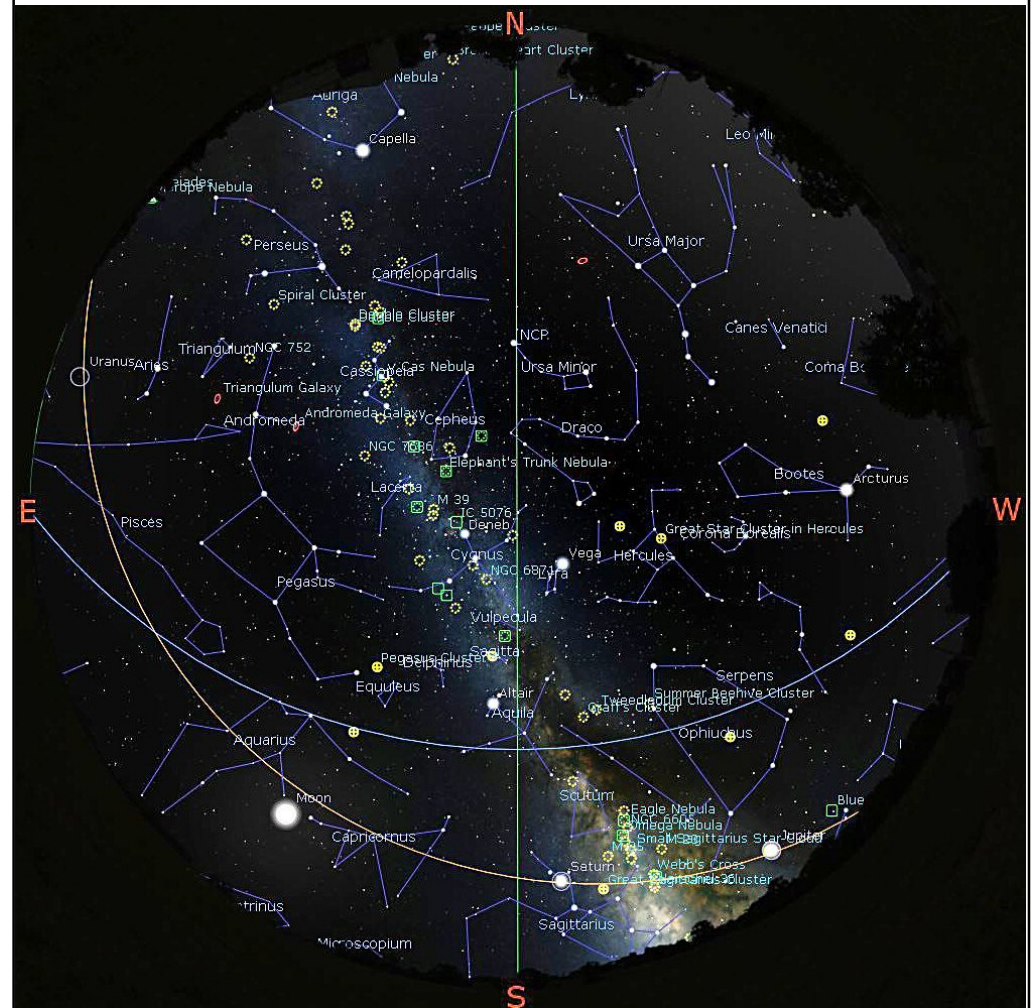
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Rugby & District Astronomical Society

Sky Notes

by Chris Longthorn

August 2019, no 119

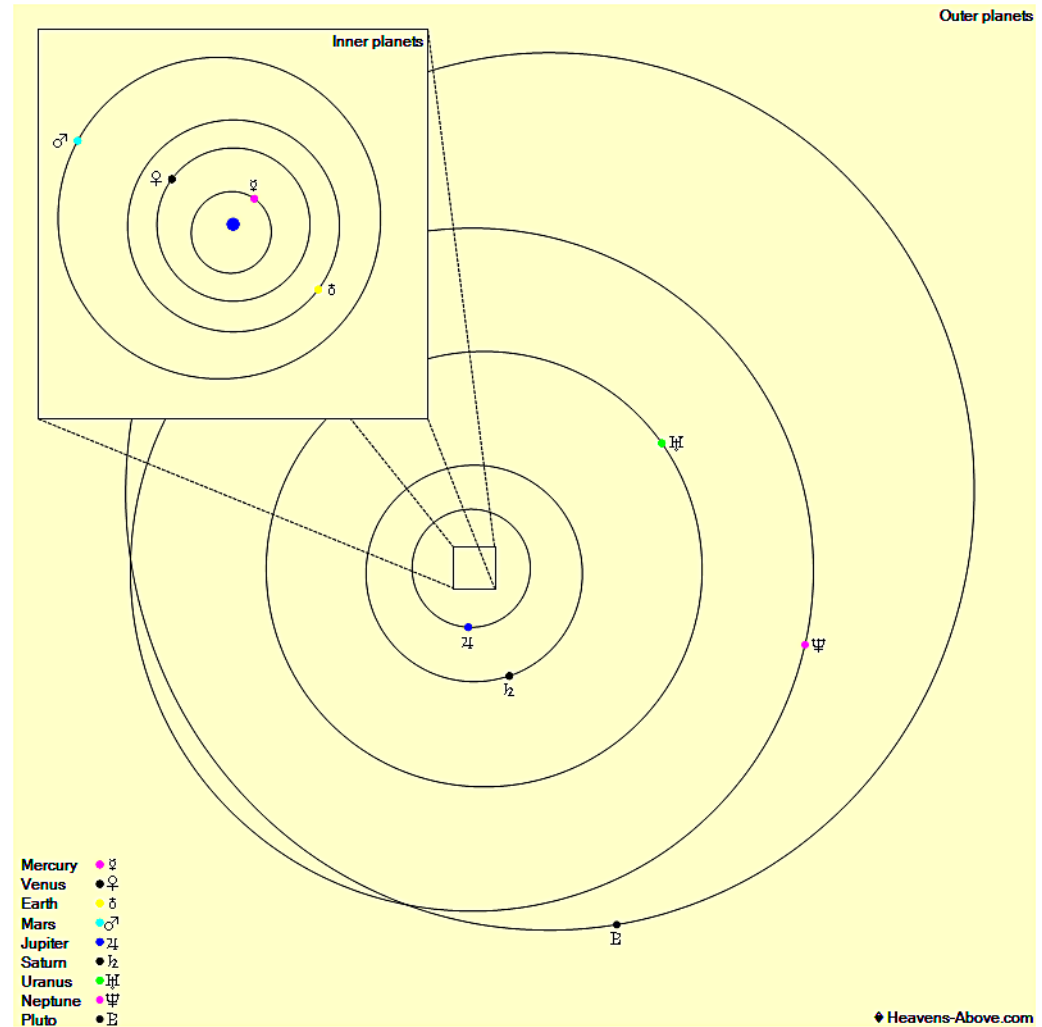


The night sky at 23:00 U.T.C., August 15th 2019

2019 August

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28 Moon- Aldeb 01:47 Delta Aquarids 15:59	29	30	31	1 New Moon 04:12 Venus 3.6° W ISS, -2.4, 21:47, 28°, SSW	2 ISS, -1.2, 22:36, 10°, SW	3 ISS, -1.5, 21:45, 15°, SW
4	5	6	7 First Quarter 18:31	8	9 Moon- Jupiter 23:53 Mercury West 23:59	10
11	12 Moon- Saturn 11:05	13 Perseids 07:53	14 Venus Super 06:44	15 Full Moon 13:29	16	17 Mercury- M44 05:24
18 R&DAS Meeting, 19:30	19	20	21	22	23 Last Quarter 15:56	24 Moon- Aldeb 10:24
25	26	27	28 Moon- Beehive 12:31	29 ISS, -1.2, 05:06, 13°, SE	30 New Moon 11:37	31 ISS, -2, 05:02, 24°, SSE

The Planets, mid month.



Mercury is in Cancer with a magnitude of -0.7, a phase of 63%, and a diameter of 6". It rises at 03:07, transits at 10:59, and sets at 18:50. It is visible low in the east before sunrise.

Venus is in Leo with a magnitude of -3.9, a phase of 100%, and a diameter of 10". It rises at 04:45, transits at 12:13, and sets at 19:39. It is currently too close to the Sun to be observed.

Mars is in Leo with a magnitude of +1.8, a phase of 100%, and a diameter of 4". It rises at 05:20, transits at 12:34, and sets at 19:48. It is currently too close to the Sun to be observed.

Jupiter is in Ophiuchus with a magnitude of -2.3 and a diameter of 41". It rises at 15:26, transits at 19:23, and sets at 23:19. It is visible in the evening sky.

Saturn is in Sagittarius with a magnitude of +0.2 and a diameter of 18". It sets at 01:33, rises again at 17:38, and transits at 21:33. It is well placed for observation throughout the night.

Uranus is in Aries with a magnitude of +5.8 and a diameter of 4". It transits at 04:50, sets at 12:04, and rises again at 21:32. 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 01:50, sets at 07:23, and rises again at 20:13. It is well placed for observation throughout the night.