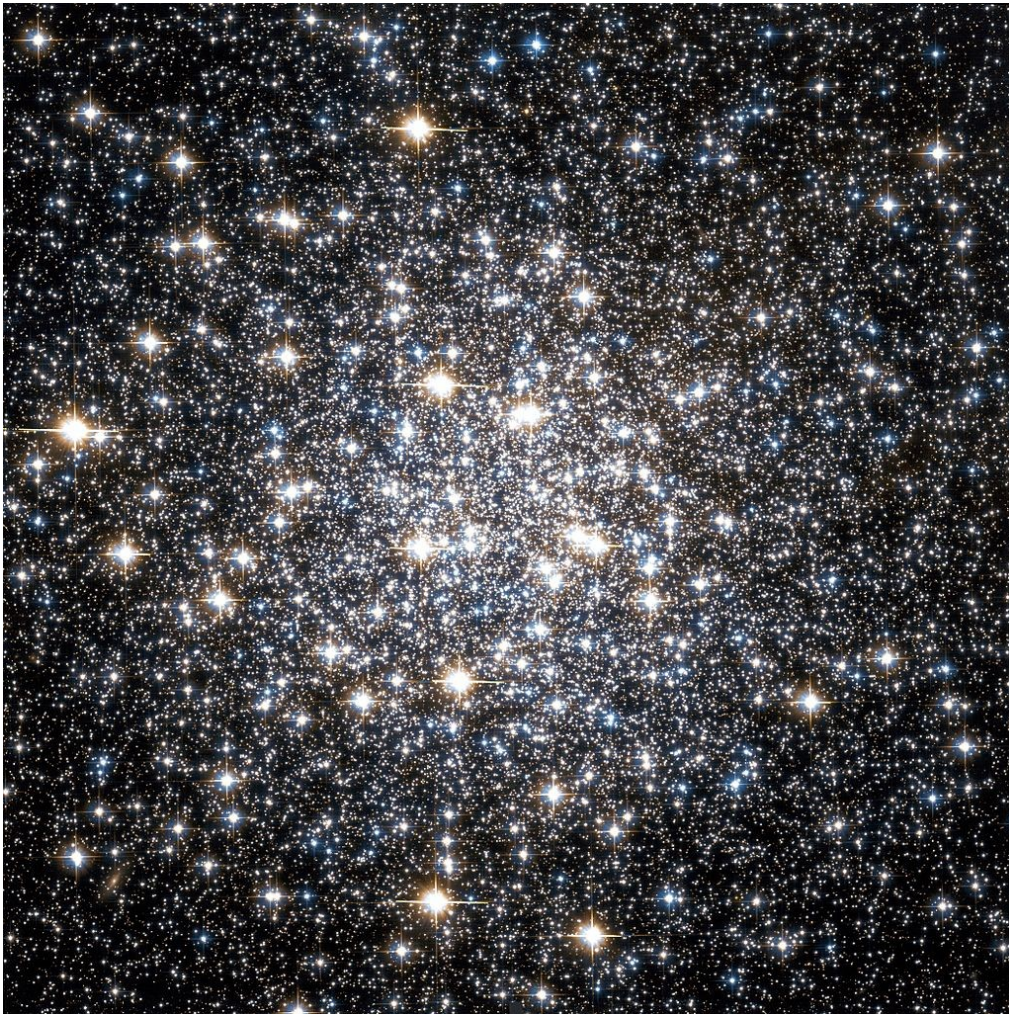


M10 Globular Cluster, Ophiuchus)

Continuing a series of photograph's of the Messier Objects



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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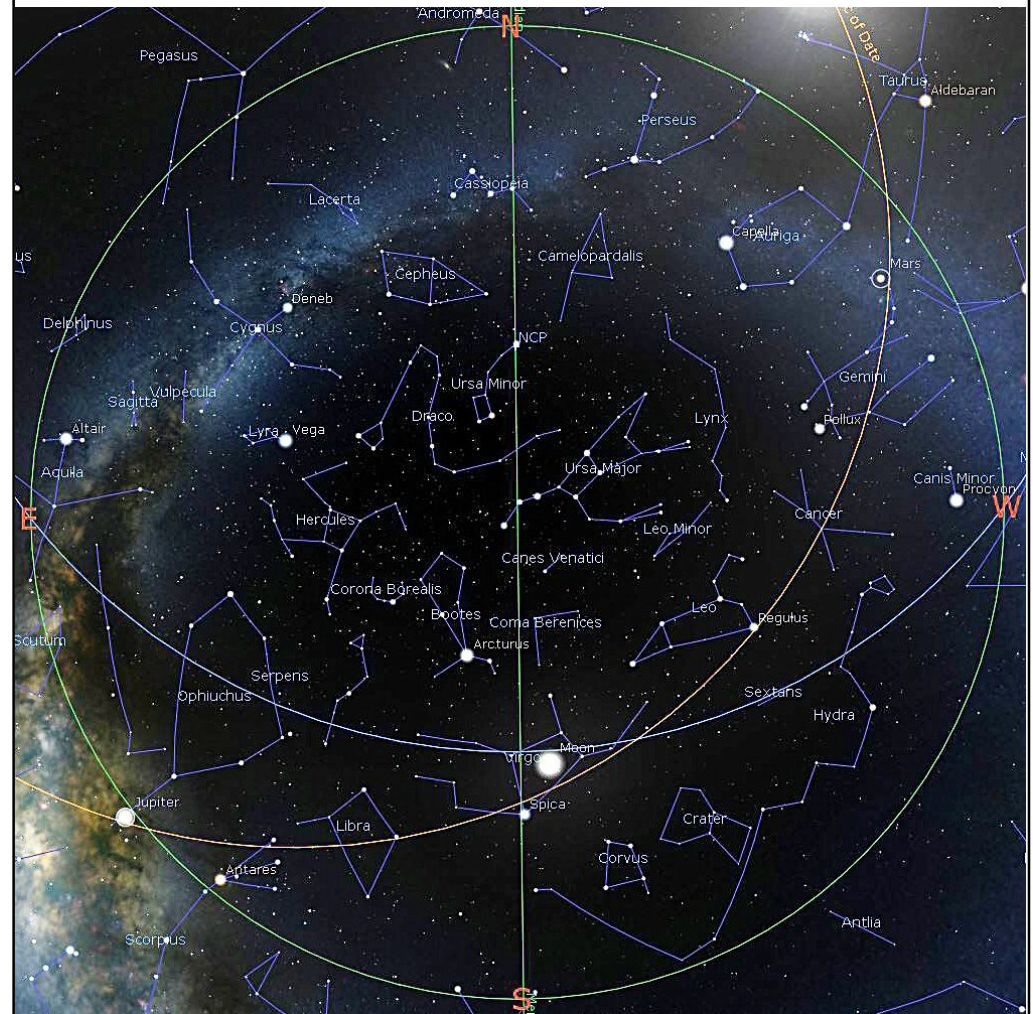
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Sky Notes

by Chris Longthorn

May 2019, no 117

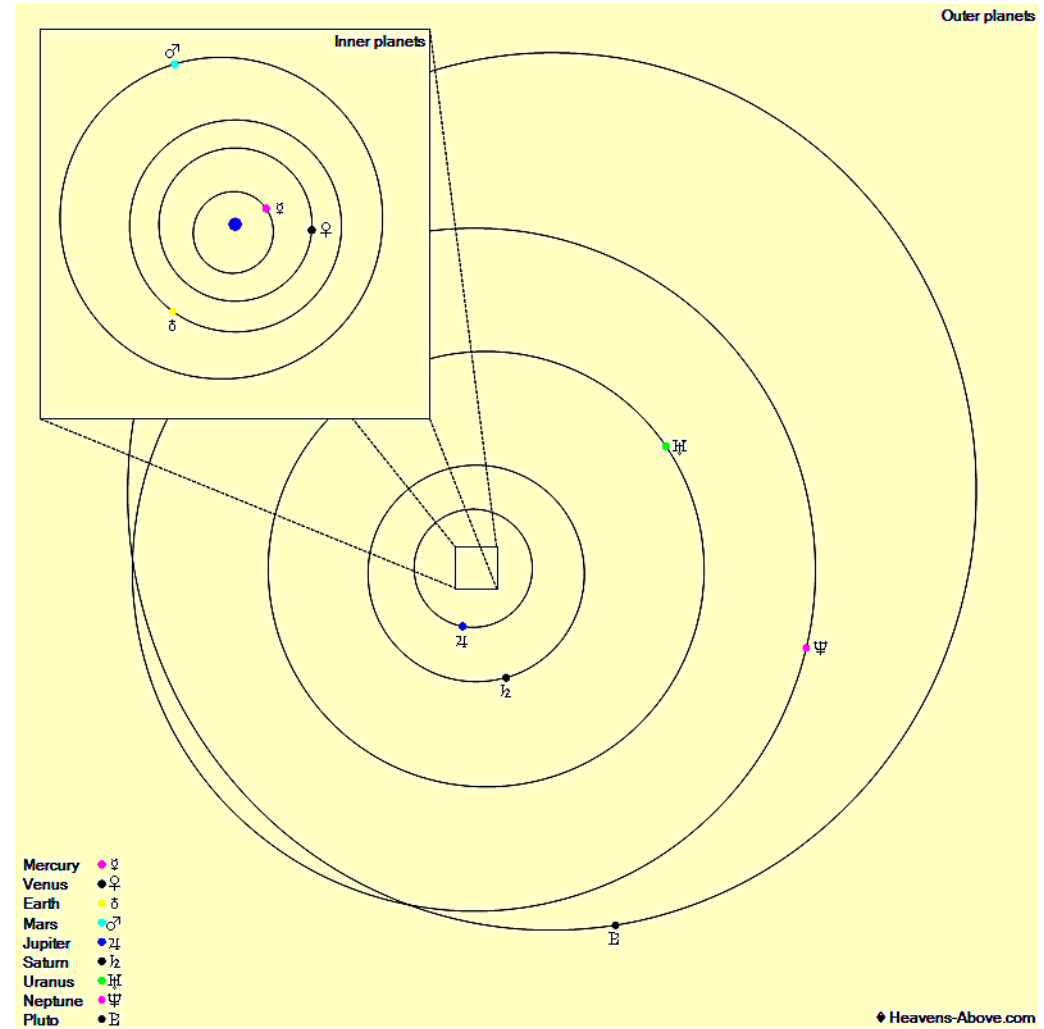


The night sky at 23:00 U.T.C., May 15th 2019

2019 May

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28 Moon Apo-gee 18:20	29	30	1 Venus 27.8° W	2 Moon-Venus 11:39	3	4 New Moon 22:45
5 Eta Aquarids 13:12	6 Moon-Aldeb 21:52	7 Moon-Mars 23:36	8	9 Moon N Dec 05:46 Moon A Node 18:50	10	11 Moon-Beehive 01:35
12 First Quarter 01:12	13 Moon Per-igee 21:53	14	15	16	17	18 Full Moon 21:11 ISS, -3.7, 23:27, 48°, SSE
19 R&DAS Meeting, 19:30 ISS, -3.2, 22:36, 35°, SSE	20 Moon-Jupiter 16:54 ISS, -3.9, 23:21, 68°, SSE	21 Mercury Super 12:59 ISS, -3.7, 22:30, 55°, SSE	22 Moon S Dec 06:41 Moon D Node 19:12 Moon-Saturn 22:25 ISS, -3.9, 23:15, 80°, S	23 ISS, -3.9, 22:24, 73°, S	24 ISS, -3.9, 23:09, 78°, S	25 ISS, -3.9, 22:18, 81°, S ISS, -3.6, 23:54, 49°, SSW
26 Moon Apo-gee 13:27 Last Quarter 16:33 ISS, -3.8, 23:03, 63°, SSW	27 ISS, -3.8, 22:12, 74°, S	28 ISS, -3.3, 22:57, 42°, SSW	29 ISS, -3.6, 22:06, 56°, SSW	30	31	1 Venus 20° W Moon-Venus 18:15

The Planets, mid month.



Mercury is in Aries with a magnitude of -1.6, a phase of 97%, and a diameter of 5". It rises at 04:00, transits at 11:33, and sets at 19:09. It is currently too close to the Sun to be observed.

Venus is in Pisces with a magnitude of -3.9, a phase of 91%, and a diameter of 11". It rises at 03:32, transits at 10:28, and sets at 17:25. It is visible low in the east before sunrise.

Mars is in Taurus with a magnitude of +1.7, a phase of 97%, and a diameter of 4". It rises at 06:02, transits at 14:32, and sets at 23:02. It is visible in the evening sky.

Jupiter is in Ophiuchus with a magnitude of -2.5 and a diameter of 45". It transits at 02:03, sets at 05:56, and rises again at 22:05. It is well placed for observation throughout the night.

Saturn is in Sagittarius with a magnitude of +0.4 and a diameter of 18". It rises at 00:01, transits at 04:02, and sets at 08:03. It is visible in the morning sky.

Uranus is in Aries with a magnitude of +5.9 and a diameter of 3". It rises at 03:32, transits at 10:41, and sets at 17:49. It is visible low in the east before sunrise.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It rises at 02:19, transits at 07:53, and sets at 13:27. It is visible in the morning sky.