

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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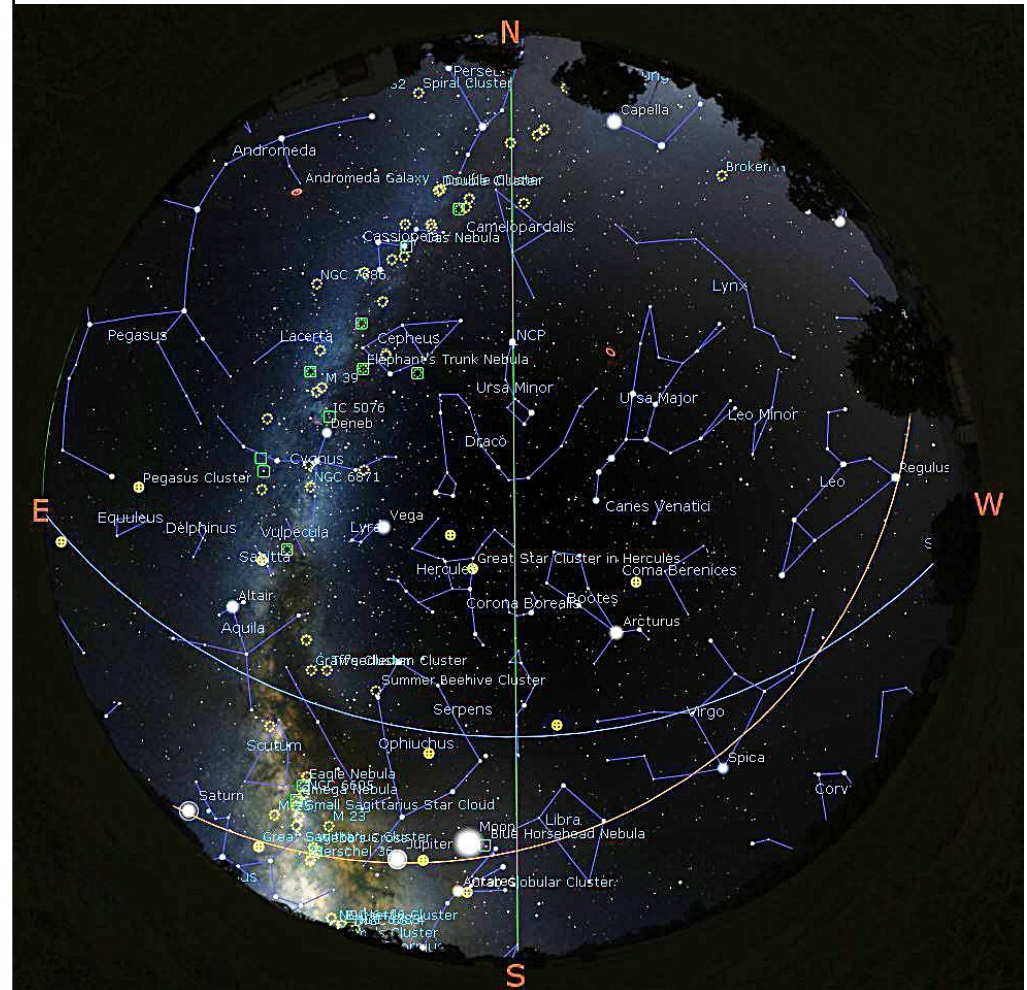
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Sky Notes





by Chris Longthorn

June 2019, no 117

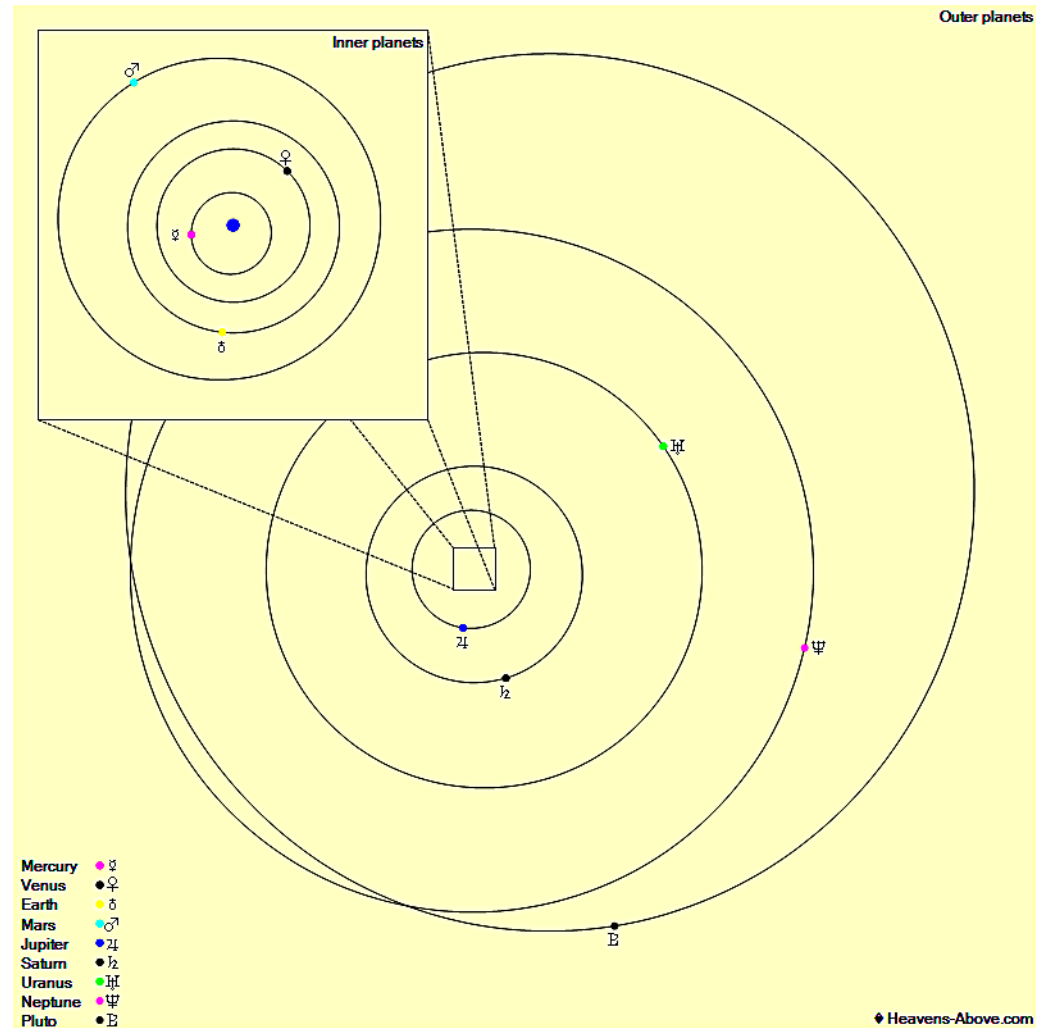


The night sky at 23:00 U.T.C., June 15th 2019

2019 June

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 Venus 20° W Moon-Venus 19:15 ISS, -1.5, 22:50, 14°, SW
2	 3 New Moon 11:02	4	5 Moon-Mars 16:05	6	7 Moon-Beehive 08:19	8 Moon Perigee 00:21
9 Venus-M45 02:54	 10 First Quarter 06:59 Jupiter Opp 16:11	11	12	13	14	15
16 Moon-Jupiter 19:50 R&DAS Meeting, 19:30	 17 Venus-Aldeb. 00:09 Full Moon 09:31	18 Mercury-Mars 18:41	19 Moon-Saturn 04:58	20	21 Summer Sol 16:54	22
23 Mercury East 23:59	24	 25 Last Quarter 10:46	26	27	28	29
30 Moon-Aldeb 16:06						

The Planets, mid month.



Mercury is in Gemini with a magnitude of +0.0, a phase of 54%, and a diameter of 7". It rises at 05:20, transits at 13:48, and sets at 22:14. It is visible low in the west after sunset.

Venus is in Taurus with a magnitude of -3.9, a phase of 96%, and a diameter of 10". It rises at 02:53, transits at 10:56, and sets at 19:00. It is visible low in the east before sunrise.

Mars is in Gemini with a magnitude of +1.8, a phase of 98%, and a diameter of 4". It rises at 05:37, transits at 13:56, and sets at 22:15. It is visible low in the west after sunset.

Jupiter is in Ophiuchus with a magnitude of -2.6 and a diameter of 46". It sets at 03:40, rises again at 19:46, and transits at 23:41. It is well placed for observation throughout the night.

Saturn is in Sagittarius with a magnitude of +0.2 and a diameter of 18". It transits at 01:55, sets at 05:54, and rises again at 21:51. It is well placed for observation throughout the night.

Uranus is in Aries with a magnitude of +5.8 and a diameter of 3". It rises at 01:33, transits at 08:45, and sets at 15:56. It is visible in the morning sky.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It rises at 00:18, transits at 05:52, and sets at 11:27. It is visible in the morning sky.