

M4 (Globular Cluster, Scorpius)

Continuing a series of photograph's of the Messier Objects



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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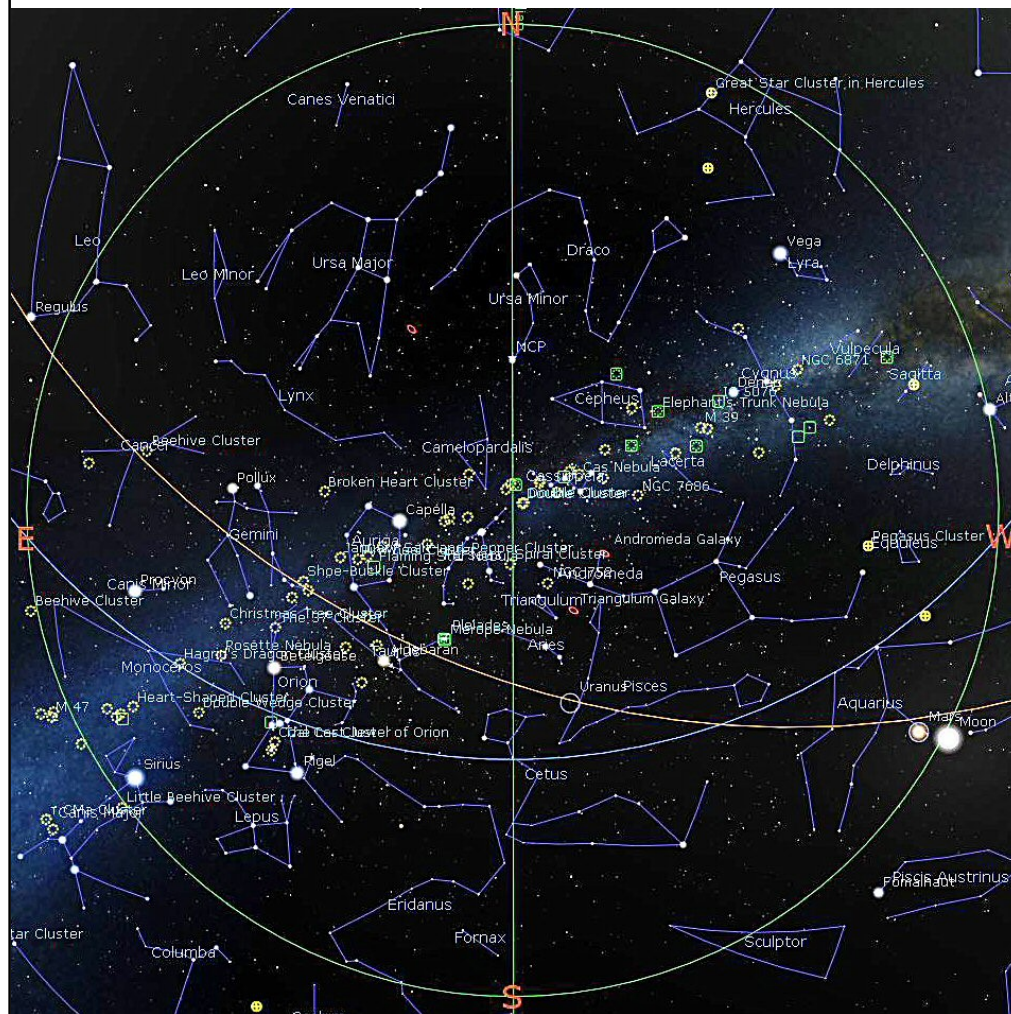
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Sky Notes





by Chris Longthorn

November 2018, no 111

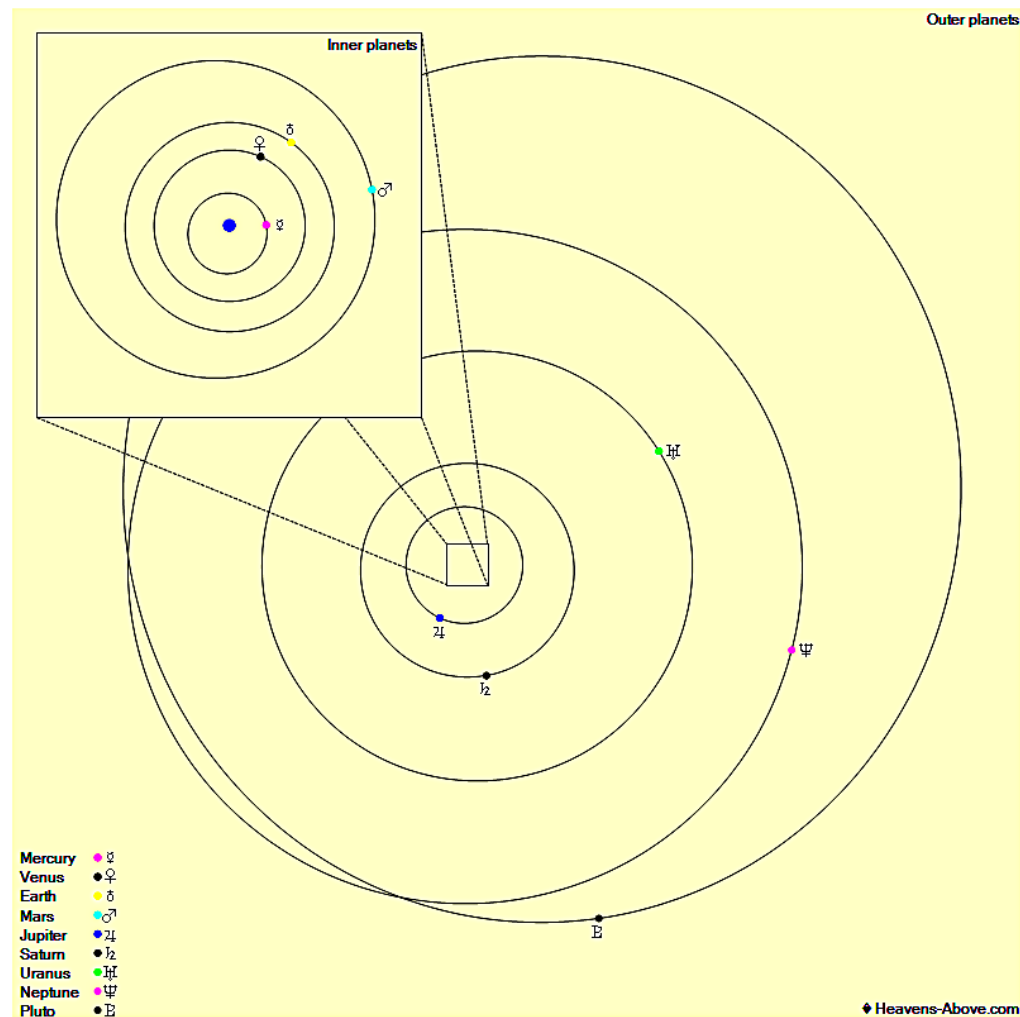


The night sky at 23:00 U.T.C., November 15th 2018

2018 November

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Venus 10.6° W ISS, -2.2, 04:42, 28°, SSE ISS, -3.6, 06:18, 72°, S	2 Moon-Regulus 04:16 ISS, -3.5, 05:26, 59°, SSE	3 ISS, -2.5, 04:34, 38°, ESE ISS, -3.8, 06:10, 80°, S
4 ISS, -3.8, 05:18, 75°, S	5 S. Taurids 17:31 ISS, -2, 04:27, 32°, E ISS, -3.8, 06:02, 76°, S	6 Mercury East 14:59 ISS, -4, 05:10, 81°, S	 7 New Moon 16:02 ISS, -3.6, 05:54, 61°, SSW	8 ISS, -3.8, 05:02, 71°, SSE ISS, -2.5, 06:38, 30°, SSW	9 Mercury-Ant. 04:56 ISS, -3.1, 05:45, 42°, SSW	10 ISS, -2.9, 04:54, 43°, SSE
11 Moon-Saturn 15:46 ISS, -2.5, 05:37, 26°, SSW	12 Moon S Dec 02:21 N. Taurids 16:48	13 Moon D Node 14:04	14 Moon Apogee 15:57 Venus-Spica 23:23	 15 First Quarter 14:54	16 Moon-Mars 04:16	17 Leonids 23:05
18 R&DAS Meeting, Church Lawford, 19:30	19	20	21	22	 23 Full Moon 05:39 Moon-Aldeb 21:11	24
25	26 Moon N Dec 01:48 Jupiter Sun 06:25 Moon Perigee 12:10	27 Moon A Node 05:18 Mercury Infer 09:10 Moon-Beehive 20:57 ISS, -2.4, 17:59, 26°, SSE	28 ISS, -2, 18:42, 29°, SW	29 Moon-Regulus 09:27 ISS, -3.1, 17:51, 40°, SSE	 30 Last Quarter 00:19 ISS, -2.4, 16:58, 29°, SSE	

The Planets, mid month.



Mercury is in Ophiuchus with a magnitude of +0.3, a phase of 35%, and a diameter of 8". It rises at 09:35, transits at 13:13, and sets at 16:52. It is visible low in the west after sunset.

Venus is in Virgo with a magnitude of -4.5, a phase of 12%, and a diameter of 52". It rises at 04:56, transits at 09:59, and sets at 15:02. It is visible low in the east before sunrise.

Mars is in Aquarius with a magnitude of -0.3, a phase of 86%, and a diameter of 10". It rises at 13:43, transits at 18:36, and sets at 23:30. It is visible in the evening sky.

Jupiter is in Libra with a magnitude of -1.7 and a diameter of 31". It rises at 08:13, transits at 12:25, and sets at 16:38. It is currently too close to the Sun to be observed.

Saturn is in Sagittarius with a magnitude of +0.6 and a diameter of 15". It rises at 11:01, transits at 14:54, and sets at 18:46. It is visible in the evening sky.

Uranus is in Aries with a magnitude of +5.7 and a diameter of 4". It sets at 05:21, rises again at 15:16, and transits at 22:16. It is well placed for observation throughout the night.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It sets at 00:56, rises again at 14:03, and transits at 19:27. It is visible in the evening sky.