

M38, Open Cluster (Auriga)

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



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Rugby & District Astronomical Society

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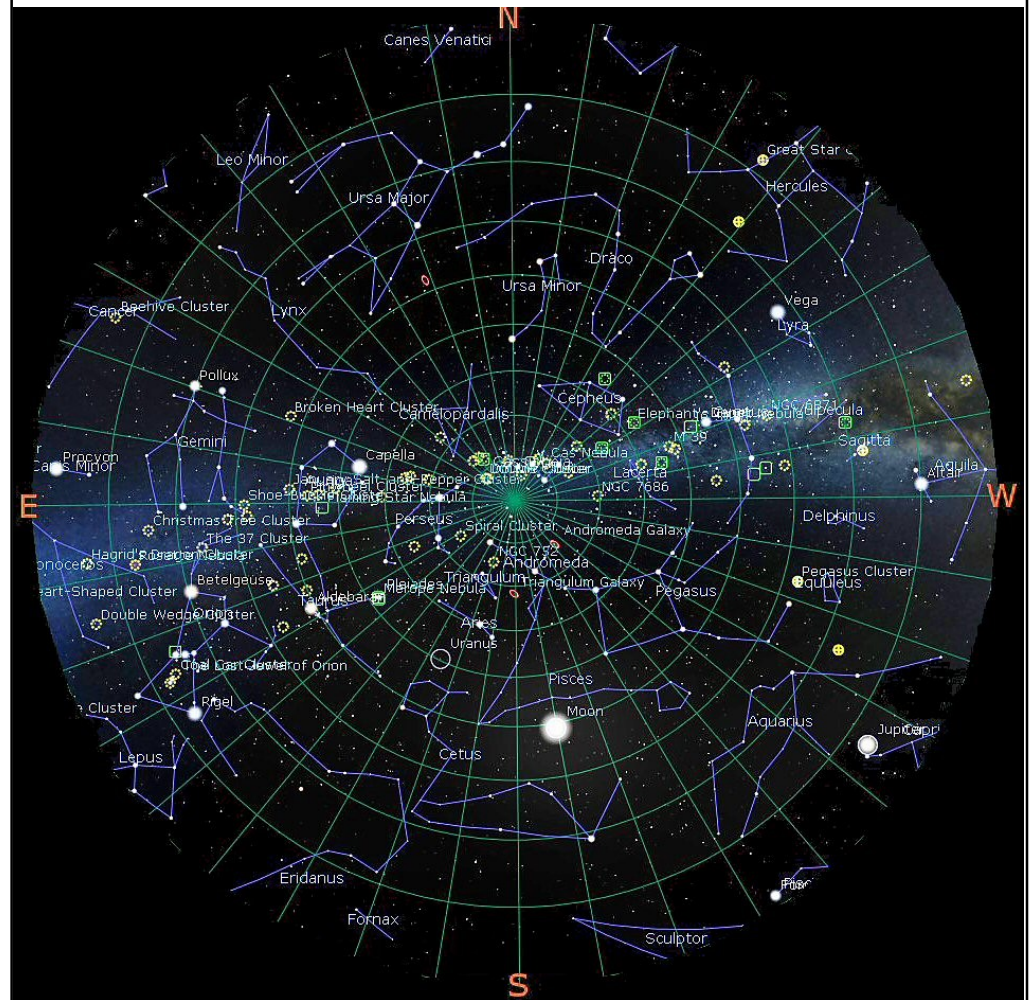
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Sky Notes

by Chris Longthorn

Nov 2021, no 143

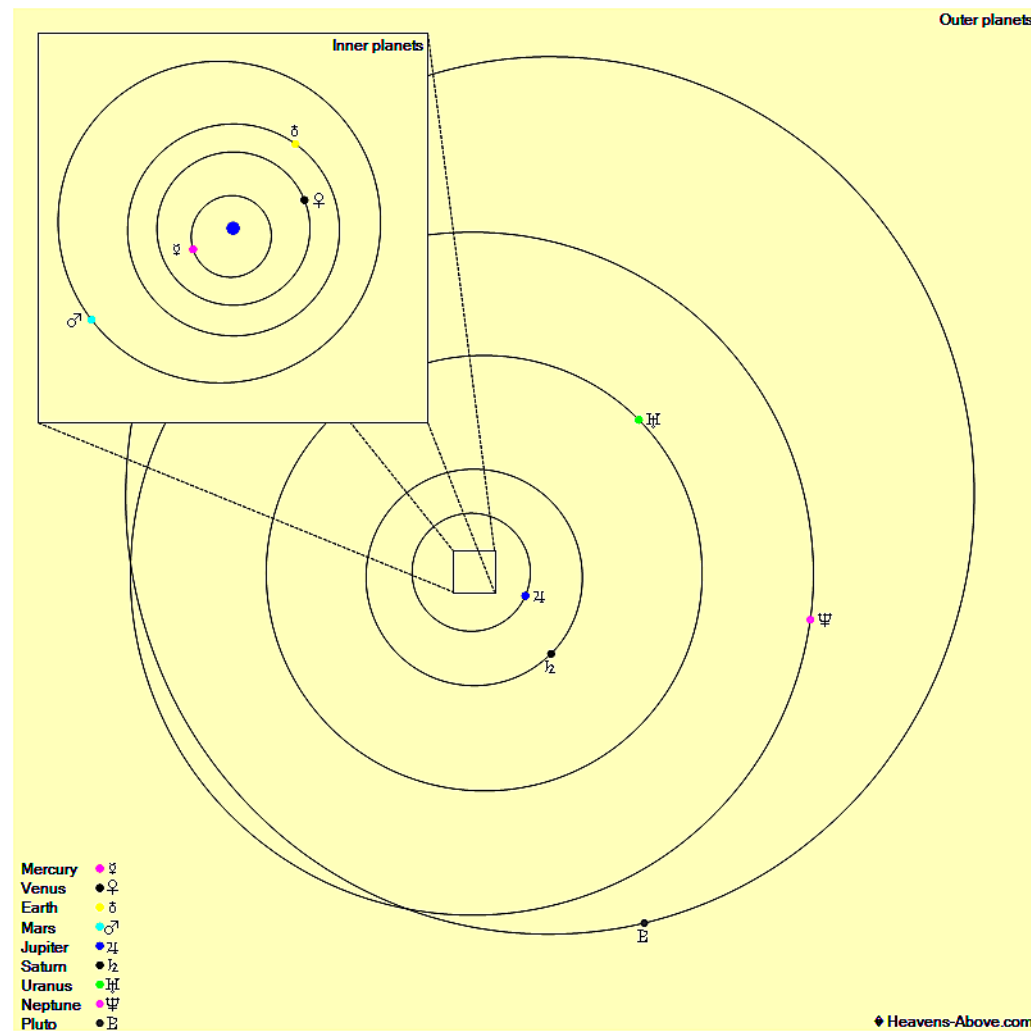


The night sky at 23:00 U.T.C., Nov 15th 2021

2021 November

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1	2 ISS, -3.4, 06:03, 55°, SSW	3	4 New Moon 21:1 5	5 Uranus Opp 00:13 S. Tau- rids 11:59	6
7	8 Moon- Ve- nus 05:21	9	10 Moon- Sat- urn 14:27	11 First Quar- ter 12:46 Moon- Jupi- ter 17:12	12 N. Tau- rids 11:16	13
14	15	16	17 Leo- nids 17:33	18	19 Full Moon 08:5 8 Par Lunar Ec 09:04	20
21 Meeting, Church Lawford 19:30	22	23	24 ISS, -3.4, 18:20, 55°, S	25 Moon- Bee- hive 04:32 ISS, -3.1, 17:33, 45°, SSE	26 Observ- ing, Bar- by, 7:00 p.m. ISS, -3.6, 18:22, 71°, SW	27 Last Quar- ter 12:28 Observ- ing, Bar- by, 7:00 p.m. ISS, -3.6, 17:35, 68°, SSE
28 ISS, -3.5, 18:23, 69°, WSW	29 Mercury Su- per 04:35 ISS, -3.8, 17:36, 81°, S	30 ISS, -3.3, 18:25, 60°, SW	1	2	3	4 Total Sol Ec 07:34 New Moon 07:43

The Planets, mid November.



Mercury is in Libra with a magnitude of -0.9, a phase of 98%, and a diameter of 5". It rises at 06:39, transits at 11:19, and sets at 15:57. It is currently too close to the Sun to be observed.

Venus is in Sagittarius with a magnitude of -4.5, a phase of 40%, and a diameter of 31". It rises at 11:46, transits at 15:07, and sets at 18:28. It is visible in the evening sky.

Mars is in Libra with a magnitude of +1.6, a phase of 100%, and a diameter of 4". It rises at 06:15, transits at 11:00, and sets at 15:44. It is visible low in the east before sunrise.

Jupiter is in Capricornus with a magnitude of -2.4 and a diameter of 40". It rises at 13:26, transits at 18:10, and sets at 22:55. It is visible in the evening sky.

Saturn is in Capricornus with a magnitude of +0.7 and a diameter of 16". It rises at 12:50, transits at 17:07, and sets at 21:25. 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 06:33, rises again at 15:39, and transits at 23:04. It is well placed for observation throughout the night.

Neptune is in Aquarius with a magnitude of +7.8 and a diameter of 2". It sets at 01:33, rises again at 14:14, and transits at 19:51. It is visible in the evening sky.