

M27, Globular Cluster (Sagittarius)

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

By Jim Mazur - <http://www.skyledge.net/Messier27.htm>, CC BY-SA 4.0, <https://commons.wikimedia.org/w/index.php?>



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www.rugbyastro.org.uk

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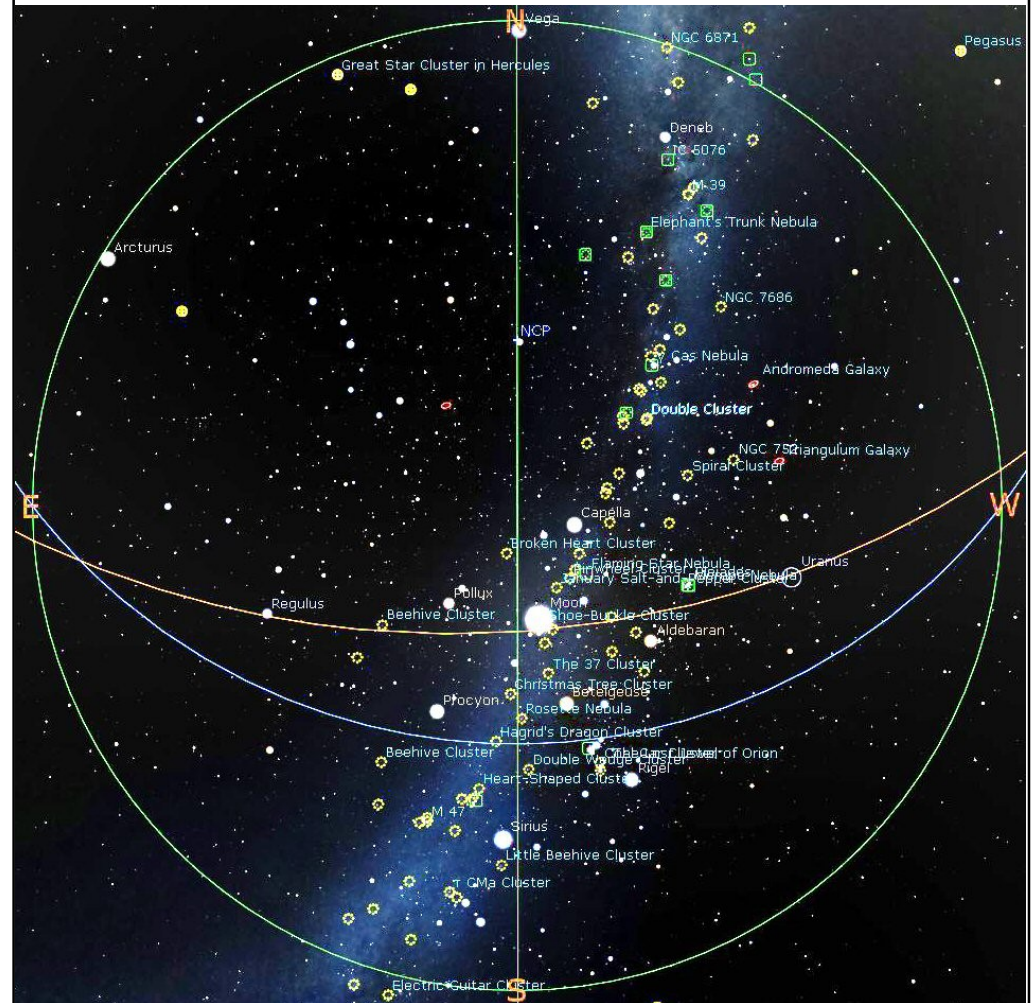
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Sky Notes

by Chris Longthorn

January 2021, no 134

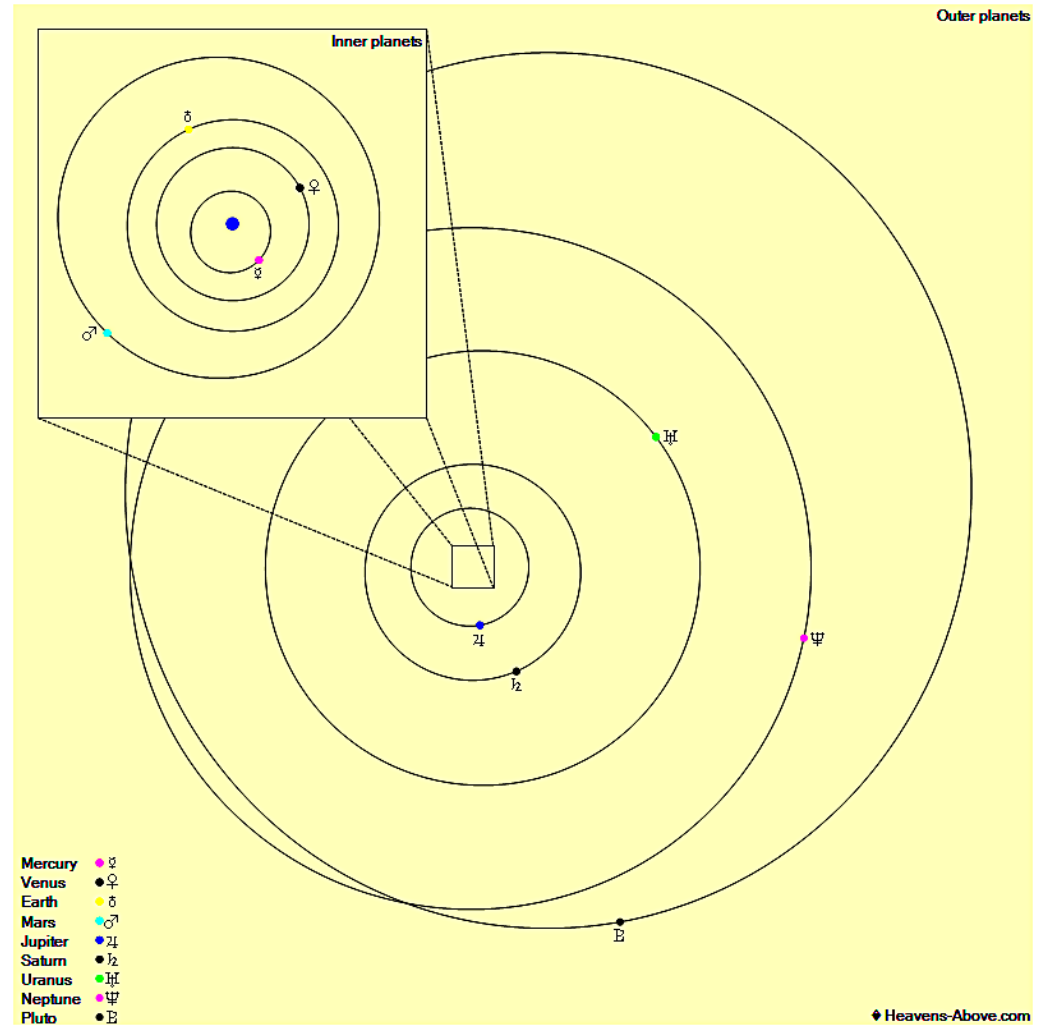


The night sky at 23:00 U.T.C., January 15th 2021

2021 January

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
27	28	29	30 Full Moon 03:28	31	1 Moon-Beehive 07:05 ISS, -3.6, 06:23, 63°, SSW	2 Perihelion 08:59
3 Quadrantids 14:4 ISS, -3, 06:24, 40°, SSW 7	4	5	6 Last Quarter 09:37	7 ISS, -3.7, 18:05, 72°, S	8 Observing at Barby, 8:00 p.m.	9 Observing at Barby, 8:00 p.m.
10	11 Moon-Venus 20:11	12	13 New Moon 05:00	14	15	16
17 No Meeting	18	19	20 First Quarter 21:02	21	22 Observing at Barby, 8:00 p.m.	23 Observing at Barby, 8:00 p.m. ISS, -3.2, 18:29, 43°, SSE
24 Saturn Sun 02:26	25 ISS, -3.7, 18:30, 67°, SSE	26 ISS, -3.3, 17:42, 55°, SSE	27 ISS, -3.8, 18:31, 80°, S	28 Moon-Beehive 14:50 Full Moon 19:16 ISS, -3.7, 17:43, 75°, S	29 Jupiter Sun 00:51 ISS, -3.7, 18:31, 76°, S	30 ISS, -3.7, 17:43, 81°, S
31 ISS, -3.3, 18:32, 56°, SSW	1	2	3	4 Last Quarter 17:37	5	6

The Planets, mid month.



Mercury is in Capricornus with a magnitude of -0.9, a phase of 82%, and a diameter of 6". It rises at 09:03, transits at 13:21, and sets at 17:42. It is visible low in the west after sunset.

Venus is in Sagittarius with a magnitude of -3.9, a phase of 96%, and a diameter of 10". It rises at 07:11, transits at 11:02, and sets at 14:52. It is visible low in the east before sunrise.

Mars is in Aries with a magnitude of +0.1, a phase of 89%, and a diameter of 9". It sets at 01:50, rises again at 11:11, and transits at 18:30. It is visible in the evening sky.

Jupiter is in Capricornus with a magnitude of -1.9 and a diameter of 33". It rises at 08:43, transits at 12:59, and sets at 17:15. It is visible low in the west after sunset.

Saturn is in Capricornus with a magnitude of +0.6 and a diameter of 15". It rises at 08:35, transits at 12:47, and sets at 17:00. It is currently too close to the Sun to be observed.

Uranus is in Aries with a magnitude of +5.7 and a diameter of 4". It sets at 02:00, rises again at 11:27, and transits at 18:42. It is visible in the evening sky.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It rises at 10:10, transits at 15:44, and sets at 21:19. It is visible in the evening sky.