

M25, Open Cluster (Sagittarius)

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

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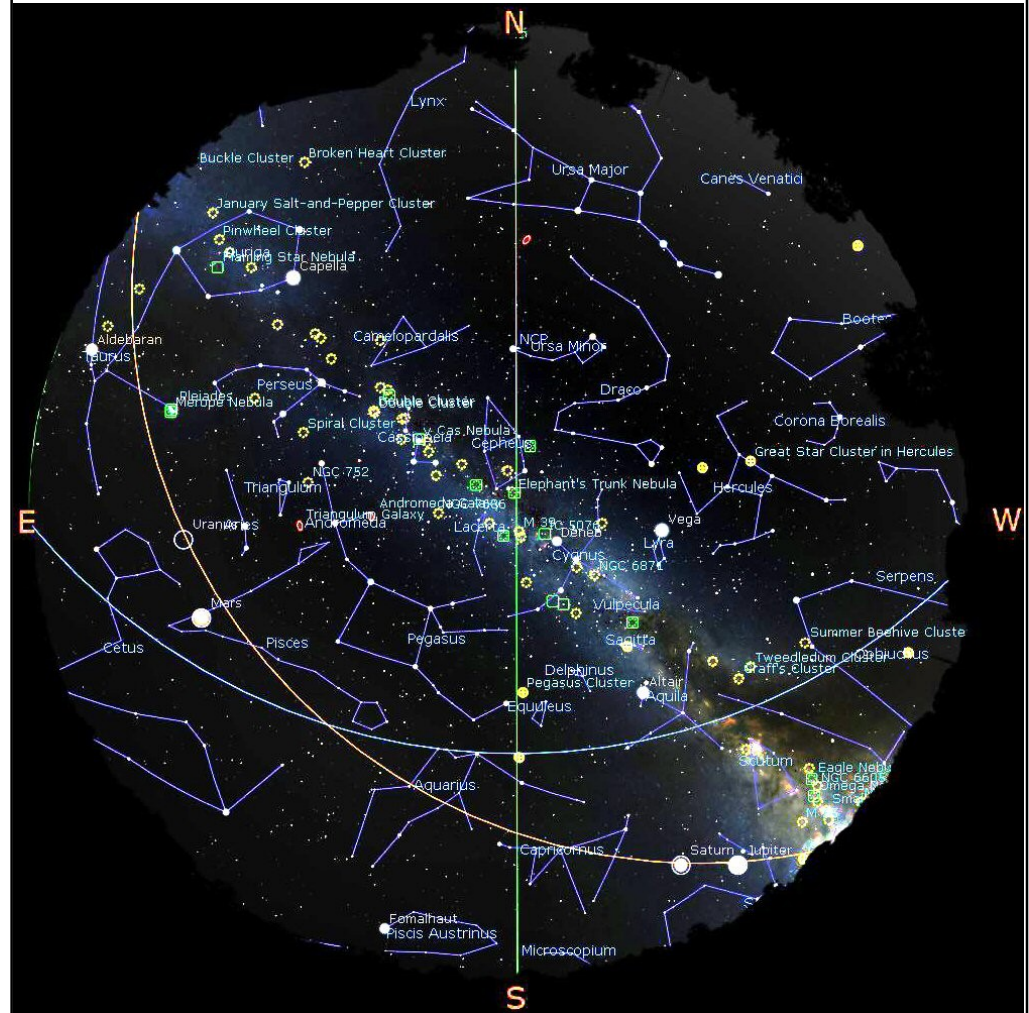


Rugby & District Astronomical Society

Sky Notes

by Chris Longthorn

September 2020, no 131



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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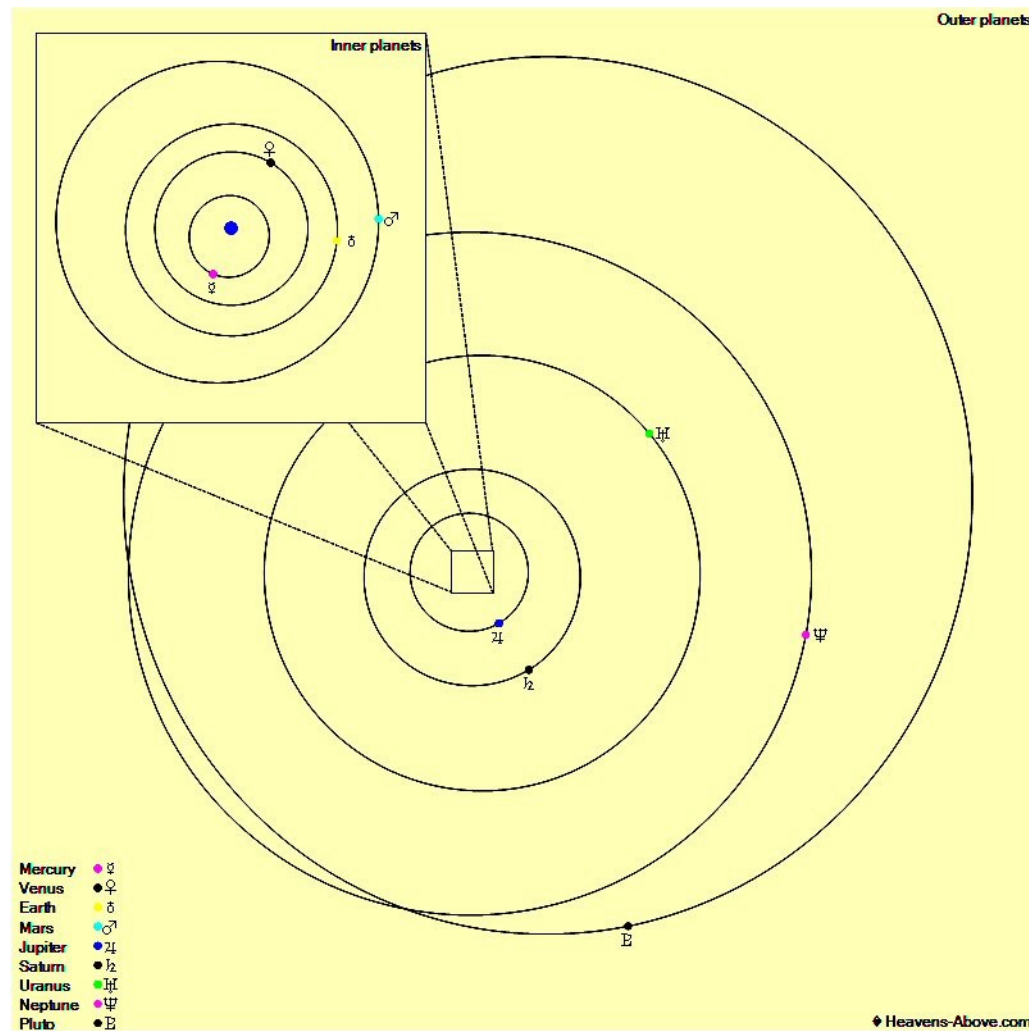
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The night sky at 23:00 U.T.C., September 15th 2020

2020 September

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	1 Ve- nus 44.7° W	2 Full Moon 06: 22	3	4	5
6 Moon- Mars 05: 42	7	8	9	10 Last Quar- ter 10:26	11 Neptune Opp 20:1 5	12
13 Venus- Beehive 01:10	14 Moon- Bee- hive 04:1 9 Moon- Ve- nus 05:4 3	15	16	17 New Moon 12: 00	18 Observ- ing at Barby, 8:00 p.m.	19 Observ- ing at Barby, 8:00 p.m.
20 No Meet- ing ISS, -3.1, 20:37, 36°, SSE	21 ISS, -3.1, 21:25, 47°, SW	22 Autumn Eq 14:31 ISS, -3.7, 20:38, 58°, SSE	23 ISS, -3.3, 19:50, 46°, SSE ISS, -3, 21:26, 50°, WSW	24 First Quar- ter 02:55 ISS, -3.8, 20:39, 77°, S	25 Moon- Jupi- ter 07:46 Moon- Sat- urn 21:46 ISS, -3.7, 19:51, 69°, SSE	26 ISS, -3.8, 20:40, 80°, S
27 ISS, -3.8, 19:52, 81°, S	28 ISS, -3.7, 20:40, 65°, SSW	29 ISS, -3.7, 19:53, 74°, S	30 ISS, -3, 20:41, 41°, SSW	1 Ve- nus 40.3° W Mercury East 16:59 Full	2	3 Moon- Mars 04:21

The Planets, mid month.



Mercury is in Virgo with a magnitude of -0.1, a phase of 80%, and a diameter of 6". It rises at 07:48, transits at 13:18, and sets at 18:47. It is visible low in the west after sunset.

Venus is in Cancer with a magnitude of -4.1, a phase of 66%, and a diameter of 17". It rises at 01:37, transits at 09:15, and sets at 16:52. It is visible in the morning sky.

Mars is in Pisces with a magnitude of -2.2, a phase of 96%, and a diameter of 21". It transits at 02:17, sets at 08:55, and rises again at 19:34. It is well placed for observation throughout the night.

Jupiter is in Sagittarius with a magnitude of -2.5 and a diameter of 42". It rises at 15:47, transits at 19:40, and sets at 23:33. It is visible in the evening sky.

Saturn is in Sagittarius with a magnitude of +0.4 and a diameter of 18". It sets at 00:20, rises again at 16:12, and transits at 20:14. It is visible in the evening sky.

Uranus is in Aries with a magnitude of +5.7 and a diameter of 4". It transits at 02:59, sets at 10:20, and rises again at 19:34. It is visible in the morning sky.

Neptune is in Aquarius with a magnitude of +7.8 and a diameter of 2". It sets at 05:26, rises again at 18:11, and transits at 23:46. It is well placed for observation throughout the night.