

M23, Open Cluster (Sagittarius)

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

Image credit: Dean Jacobsen's Astrophotography



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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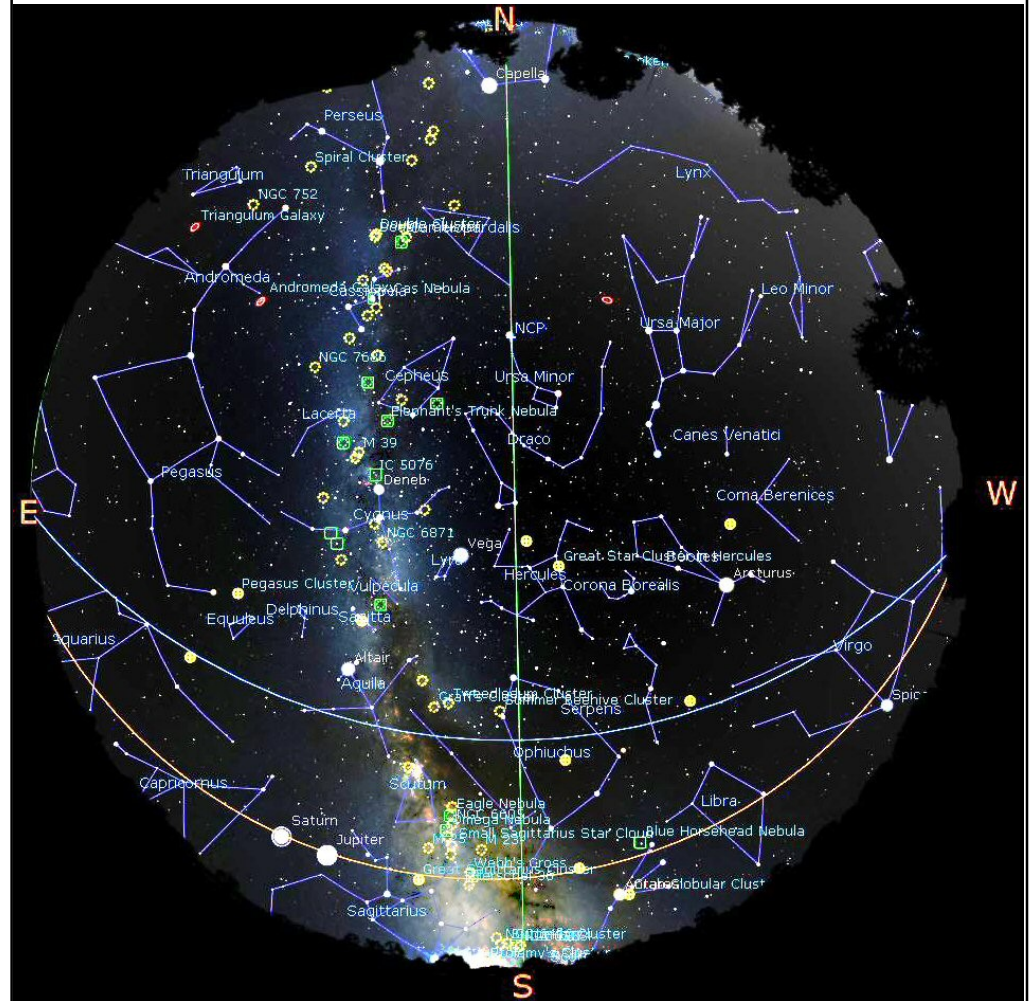
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Sky Notes

by Chris Longthorn

July 2020, no 129

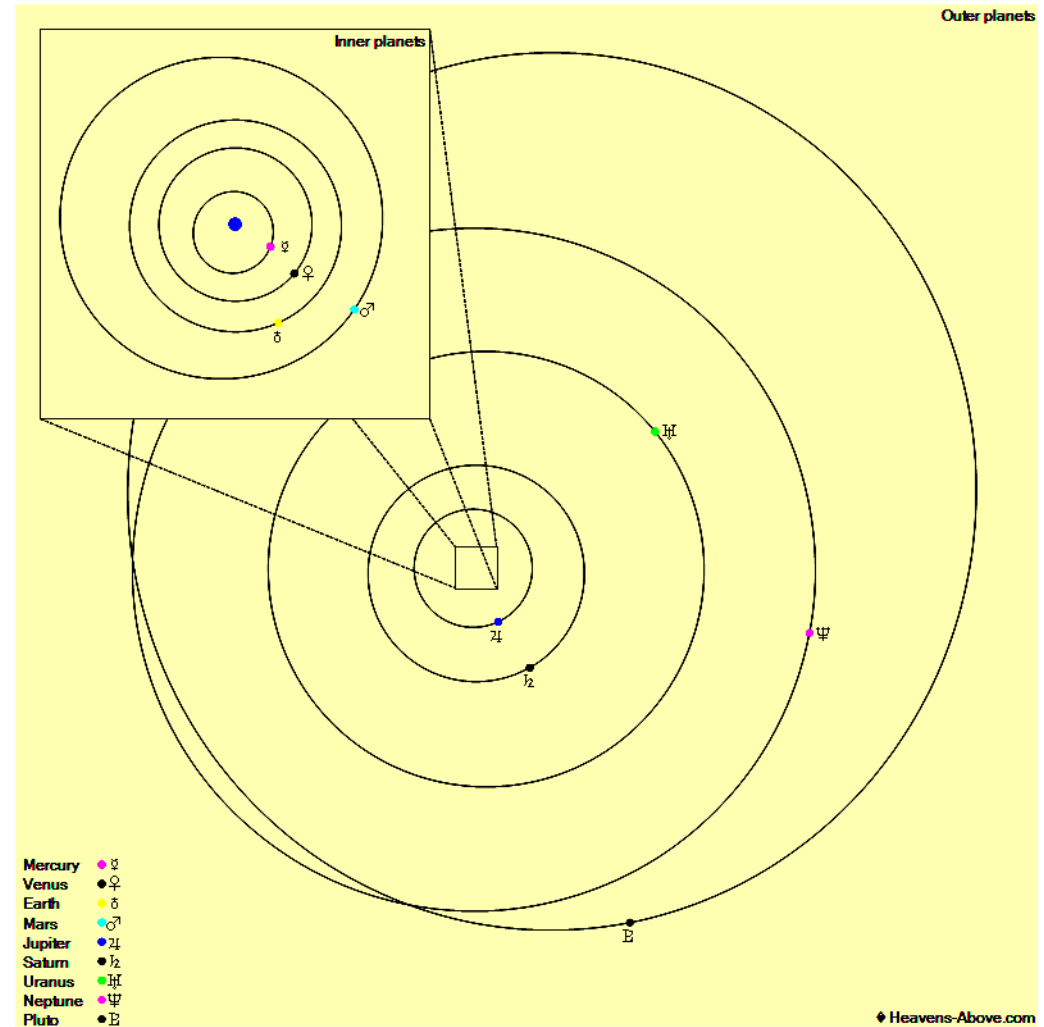


The night sky at 23:00 U.T.C., July 15th 2020

2020 July

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
 28 First Quarter 09:16	29	30	1 Mercury Infer 03:45 Venus 34.3° W	2	3	4
 5 Pen Lunar Ec 05:30 Full Moon 05:44 4 Moon-Jupiter 22:37	6 Moon-Saturn 09:45	7	8	9	10	11 Moon-Mars 20:36
12 ISS, -2.8, 19:38, 47°, NW	 13 Last Quarter 00:29 ISS, -3.8, 18:50, 64°, SE	14 Jupiter Opp 08:03	15	16	17 Moon-Venus 08:26	18
19 No Meeting	 20 New Moon 18:33 3 Saturn Opp 22:33	21	22 Mercury West 15:59	23	24	25
26	 27 First Quarter 13:32 Delta Aquarids 22:08	28	29	30	31	1 Venus 45.2° W

The Planets, mid month.



Mercury is in Gemini with a magnitude of +1.4, a phase of 20%, and a diameter of 9". It rises at 03:03, transits at 10:55, and sets at 18:48. It is visible low in the east before sunrise.

Venus is in Taurus with a magnitude of -4.5, a phase of 32%, and a diameter of 34". It rises at 01:33, transits at 09:15, and sets at 16:57. It is visible in the morning sky.

Mars is in Cetus with a magnitude of -0.8, a phase of 85%, and a diameter of 13". It transits at 05:13, sets at 11:20, and rises again at 23:03. It is visible in the morning sky.

Jupiter is in Sagittarius with a magnitude of -2.8 and a diameter of 48". It transits at 00:08, sets at 04:06, and rises again at 20:06. It is well placed for observation throughout the night.

Saturn is in Sagittarius with a magnitude of +0.1 and a diameter of 18". It transits at 00:37, sets at 04:44, and rises again at 20:25. 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 transits at 07:03, sets at 14:24, and rises again at 23:38. It is visible in the morning sky.

Neptune is in Aquarius with a magnitude of +7.8 and a diameter of 2". It transits at 03:59, sets at 09:38, and rises again at 22:17. It is visible in the morning sky.