

M11 Open Cluster, (Scutum), The Wild Duck Cluster

Continuing a series of photograph's of the Messier Objects



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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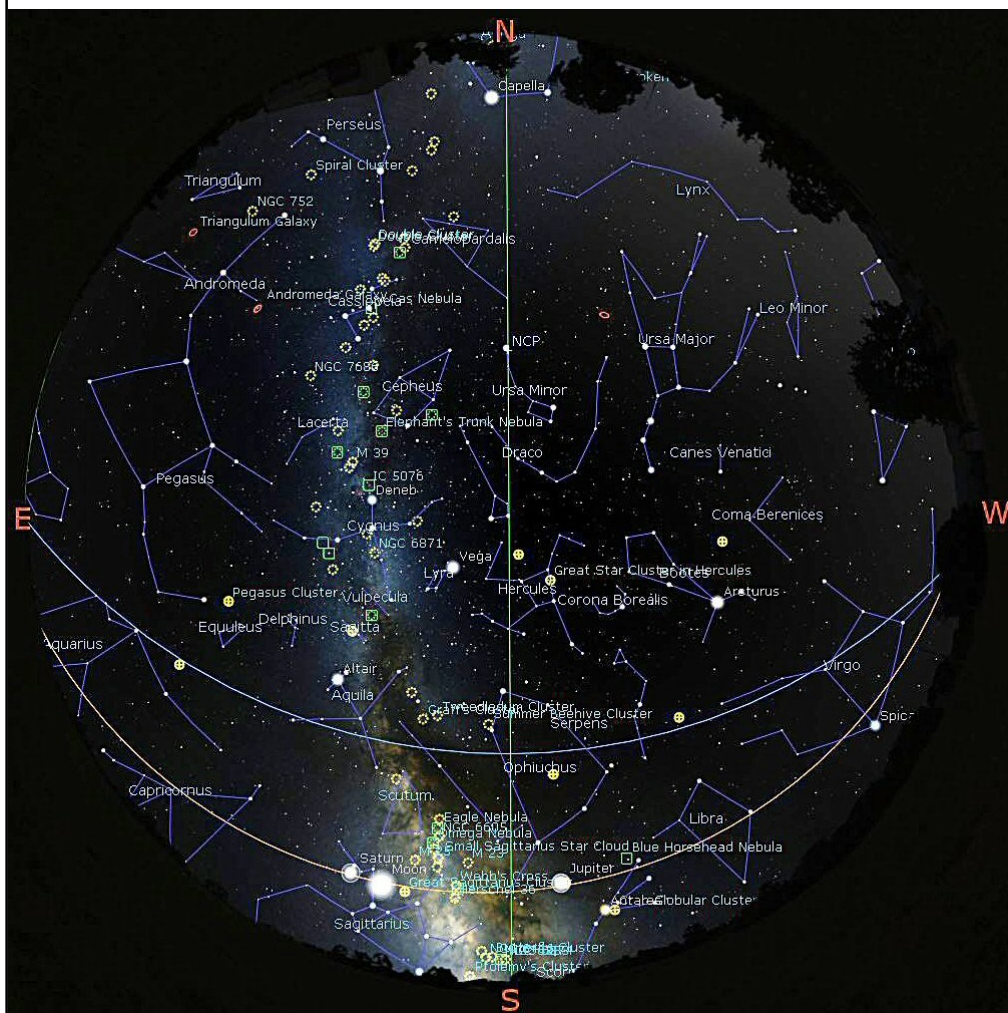
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Sky Notes

by Chris Longthorn

July 2019, no 118

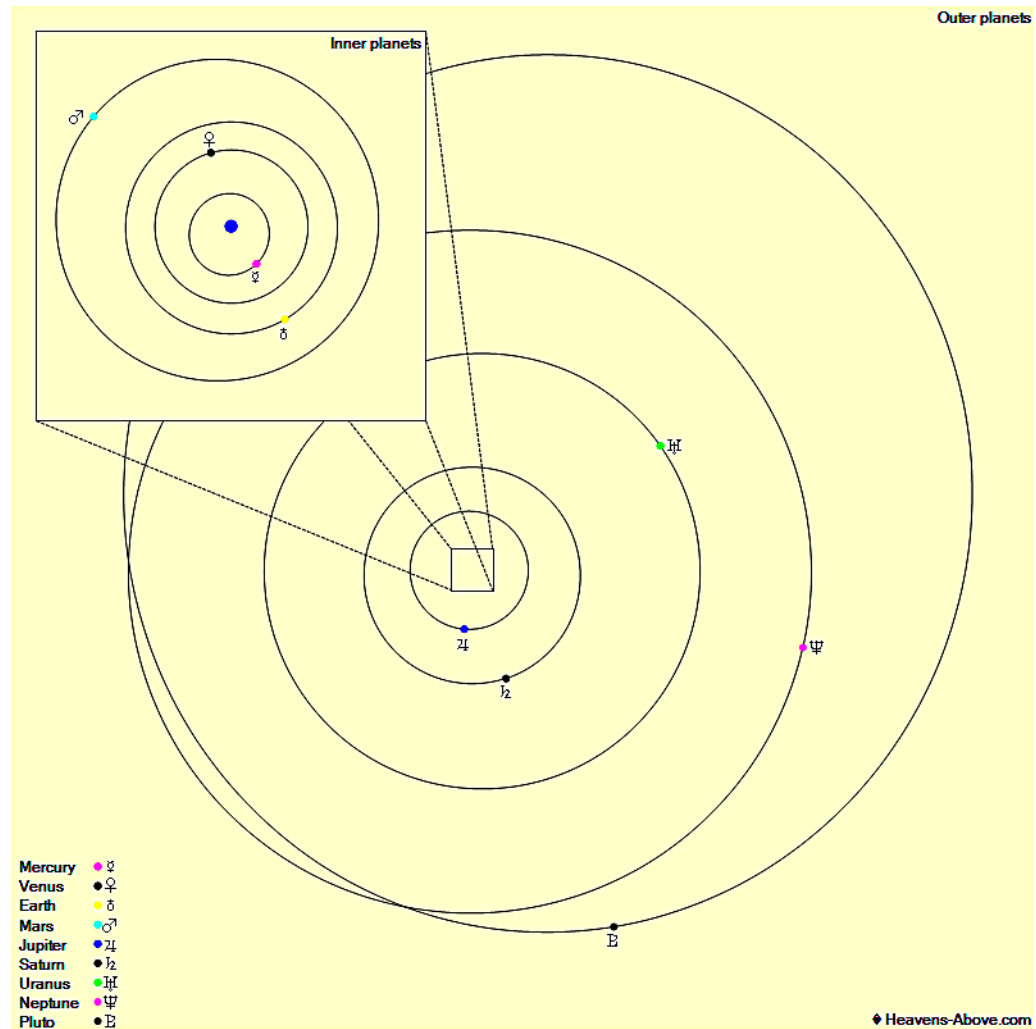


The night sky at 23:00 U.T.C., July 15th 2019

2019 July

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	1 Venus 12° W	2 New Moon 20:16 Total Sol Ec 20:23	3 Moon A Node 07:53	4 Moon- Mercury 09:34 Mercury- M44 13:53	5	6 Mercury- Mars 00:18
7	8	9 First Quarter 11:55 Saturn Opp 17:12	10	11	12	13 Mars-M44 08:06 Moon- Jupiter 20:43
14	15	16 Moon- Saturn 08:27 Par Lunar Ec 22:31 Full Moon 22:38 ISS, -3.3, 23:35, 36°, SSE	17 ISS, -2.8, 22:45, 26°, SSE	18 ISS, -3.9, 00:22, 69°, S ISS, -3.8, 23:32, 57°, SSE	19 ISS, -3.5, 22:42, 44°, SSE	20 ISS, -3.9, 23:29, 75°, S
21 Mercury Infer 13:32 R&DAS Meeting, 19:30 ISS, -3.8, 22:39, 65°, SSE	22 ISS, -3.9, 00:15, 76°, S ISS, -3.9, 23:25, 81°, S	23 ISS, -3.9, 22:35, 79°, S	24 ISS, -3.9, 23:22, 70°, S	25 Last Quarter 02:18 ISS, -3.9, 22:32, 78°, S	26 ISS, -3.1, 00:08, 37°, SSW ISS, -3.5, 23:19, 50°, SSW	27 ISS, -3.7, 22:29, 63°, SSW
28 Moon- Aldeb 01:47 Delta Aquarids 15:59	28 ISS, -2.8, 23:15, 30°, SSW ISS, -3.2, 22:25, 41°, SSW	29	30	31	1 New Moon 04:12 Venus 3.6° W	2

The Planets, mid month.



Mercury is in Cancer with a magnitude of +3.7, a phase of 4%, and a diameter of 12". It rises at 05:21, transits at 12:47, and sets at 20:13. It is visible low in the west after sunset.

Venus is in Gemini with a magnitude of -3.9, a phase of 99%, and a diameter of 10". It rises at 03:17, transits at 11:36, and sets at 19:55. It is currently too close to the Sun to be observed.

Mars is in Cancer with a magnitude of +1.8, a phase of 99%, and a diameter of 4". It rises at 05:26, transits at 13:18, and sets at 21:09. It is visible low in the west after sunset.

Jupiter is in Ophiuchus with a magnitude of -2.5 and a diameter of 44". It sets at 01:30, rises again at 17:33, and transits at 21:29. 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 sets at 03:45, rises again at 19:46, and transits at 23:43. 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 06:50, sets at 14:04, and rises again at 23:33. 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 03:54, sets at 09:28, and rises again at 22:16. It is visible in the morning sky.