

# M47, Open Cluster (Puppis)

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



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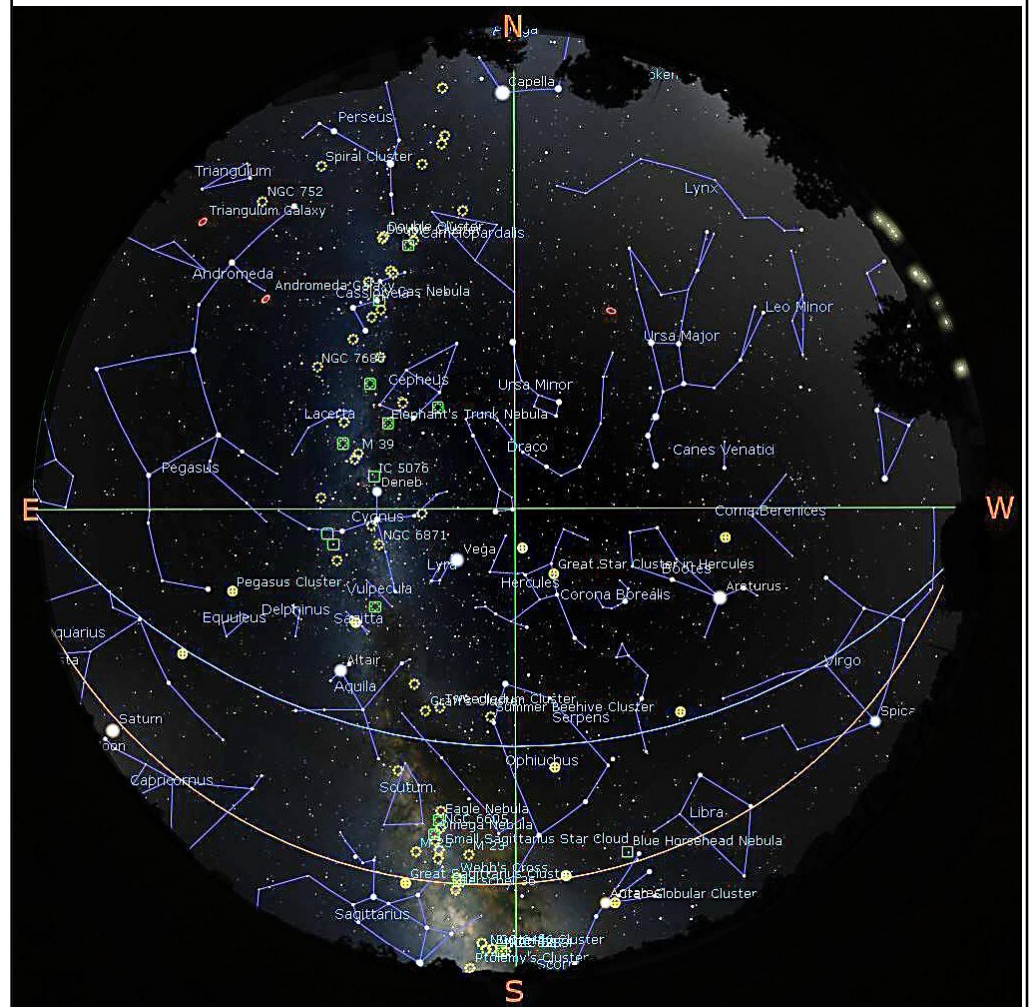
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## Sky Notes

by Chris Longthorn

July 2022, no 151

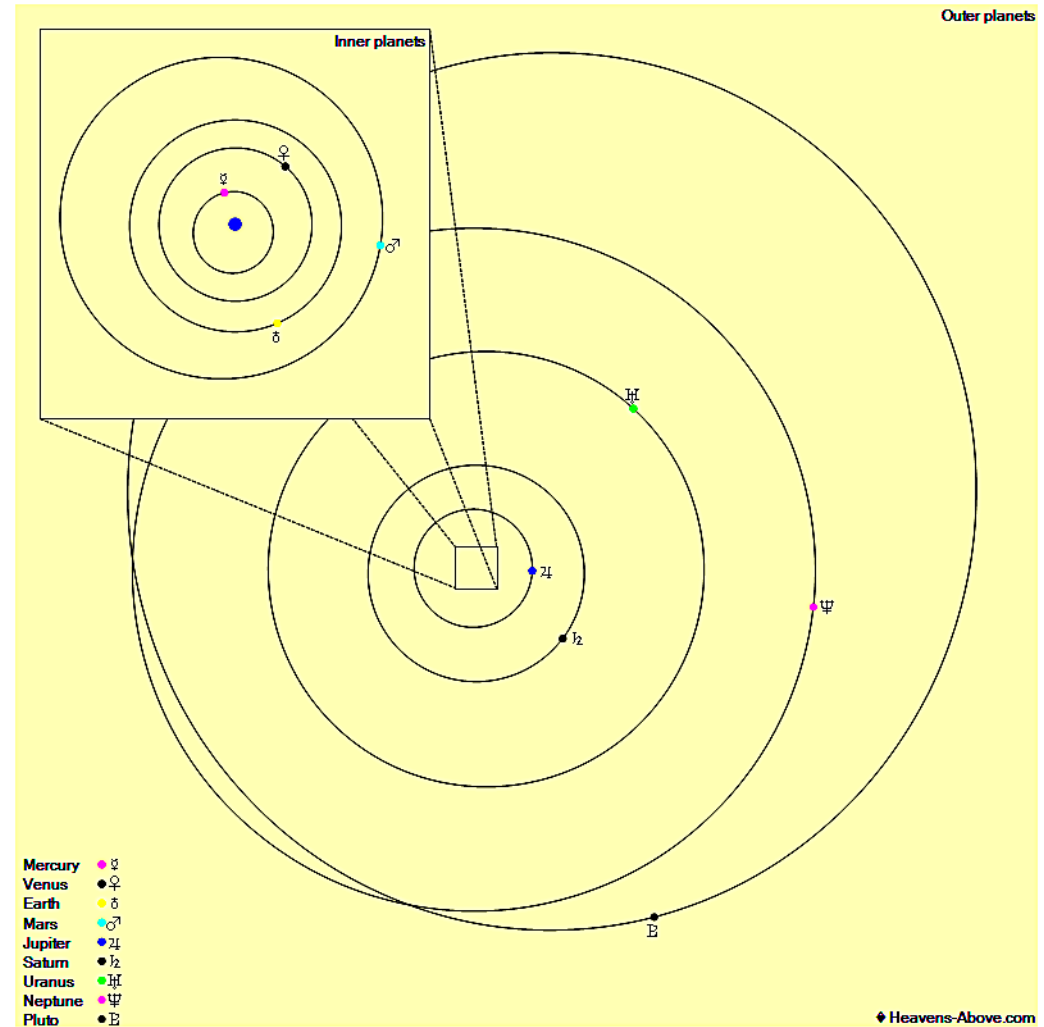


The night sky at 23:00 U.T.C., July 15th 2022

# 2022 July

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26 Moon-Venus	27	28	 29 New Moon	30	1 Moon-Beehive	2
3	4 Earth Aphelion	5	6	 7 First Quarter	8	9
10	11 ISS, -3.5, 00:34, 43°, SSE  ISS, -3.1, 23:45, 32°, SSE	12	13  Full Moon ISS, -3.9, 00:33, 66°, SSE ISS, -3.9, 02:10, 76°, S ISS, -3.7, 23:44, 53°, SSE	14 ISS, -3.4, 22:55, 41°, SSE	15 Moon-Saturn ISS, -3.9, 00:32, 80°, S ISS, -3, 22:07, 30°, SSE ISS, -3.9, 23:43, 74°, S	16 Mercury Superior Conjunction  ISS, -3.8, 22:54, 63°, SSE
17 Meeting, Church Lawford 19:30 ISS, -3.6, 22:05, 51°, SSE ISS, -3.9, 23:42, 81°, S	18 ISS, -3.9, 22:53, 79°, S	19 Moon-Jupiter ISS, -3.8, 00:30, 59°, SSW ISS, -3.8, 22:04, 72°, S ISS, -3.9, 23:41, 71°, S	20  Last Quarter	21 Moon-Mars ISS, -3.2, 00:28, 37°, SSW ISS, -3.8, 22:03, 81°, S ISS, -3.5, 23:39, 49°, SSW	22 ISS, -3.7, 22:50, 62°, SSW	23 Moon-Pleiades  ISS, -3.8, 22:01, 73°, S
24 ISS, -3.1, 22:49, 40°, SSW	25 ISS, -3.5, 22:00, 52°, SSW	26 Moon-Venus	27	28  Delta Aquarids  New Moon	29	30
31	1	2	3	4	5  First Quarter 12:06	6

## The Planets, mid July



Mercury is in Gemini with a magnitude of -2.1, a phase of 100%, and a diameter of 5". It rises at 03:44, transits at 12:05, and sets at 20:26. It is currently too close to the Sun to be observed.

Venus is in Taurus with a magnitude of -3.9, a phase of 89%, and a diameter of 11". It rises at 02:03, transits at 10:18, and sets at 18:34. It is visible low in the east before sunrise.

Mars is in Aries with a magnitude of +0.3, a phase of 85%, and a diameter of 8". It transits at 06:53, sets at 14:02, and rises again at 23:43. It is visible in the morning sky.

Jupiter is in Cetus with a magnitude of -2.5 and a diameter of 43". It transits at 05:06, sets at 11:20, and rises again at 22:49. It is visible in the morning sky.

Saturn is in Capricornus with a magnitude of +0.5 and a diameter of 18". It transits at 02:20, sets at 07:04, and rises again at 21:33. 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 07:36, sets at 15:12, and rises again at 23:56. It is visible in the morning sky.

Neptune is in Pisces with a magnitude of +7.8 and a diameter of 2". It transits at 04:18, sets at 10:05, and rises again at 22:27. It is visible in the morning sky.