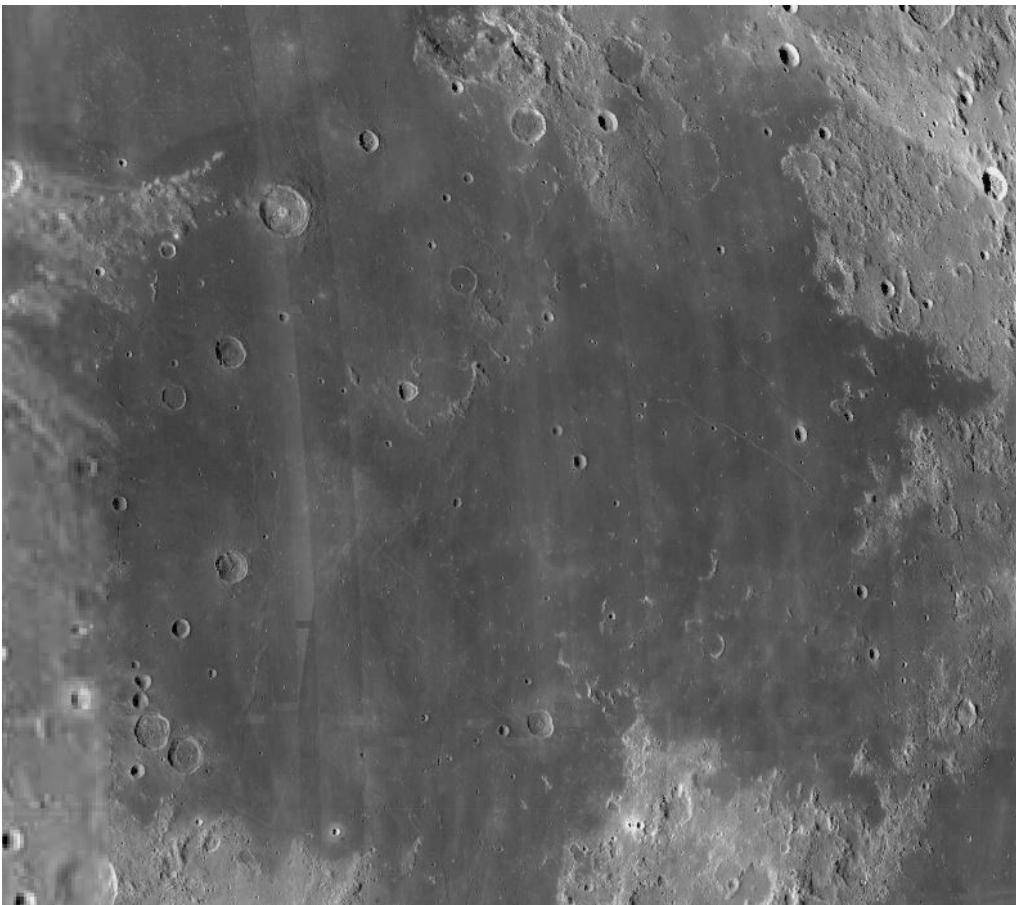




The Mare—Mare Tranquilitatis



Each month we're going to pick a lunar feature to present at the monthly meeting in some detail.



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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	Chris Longthorn

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Secretary:	Richard Heath
Sky Notes:	

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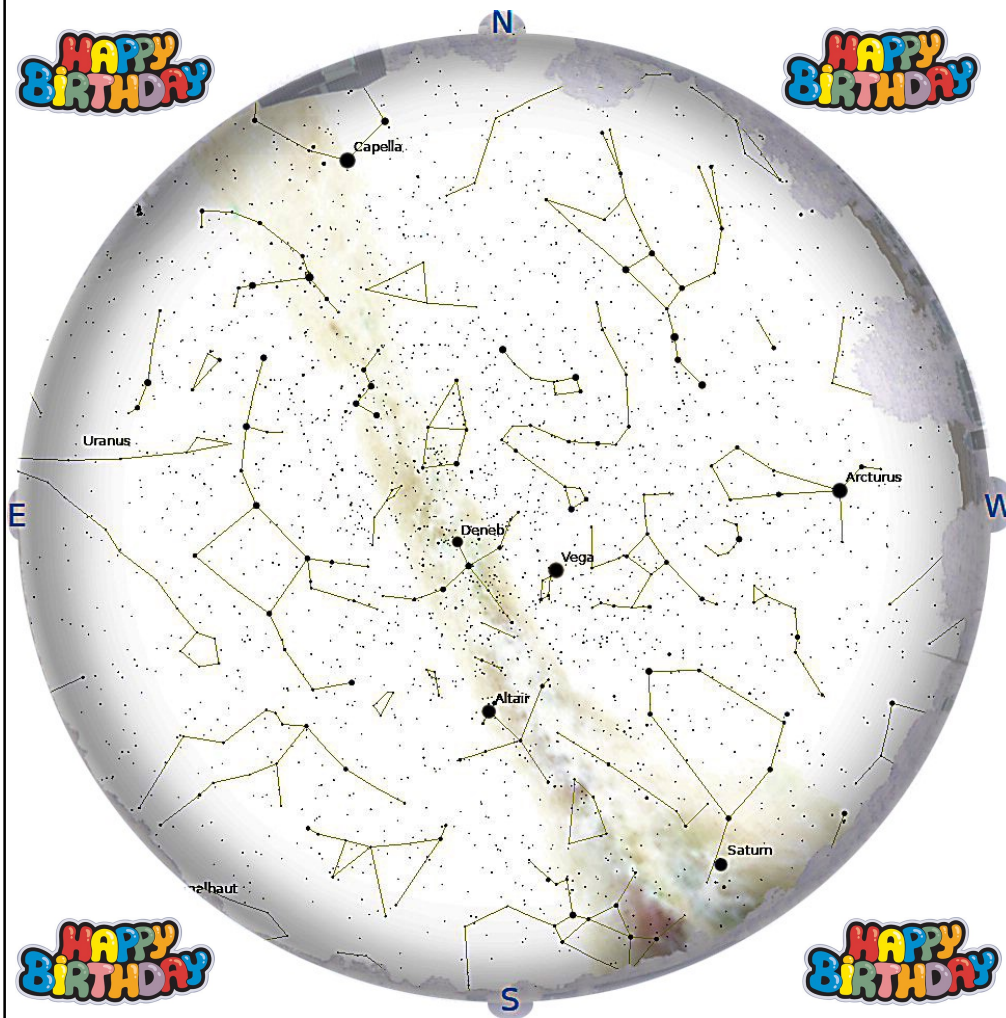


Rugby & District Astronomical Society

Sky Notes - Birthday Edition







by Chris Longthorn

August 2017, no 97

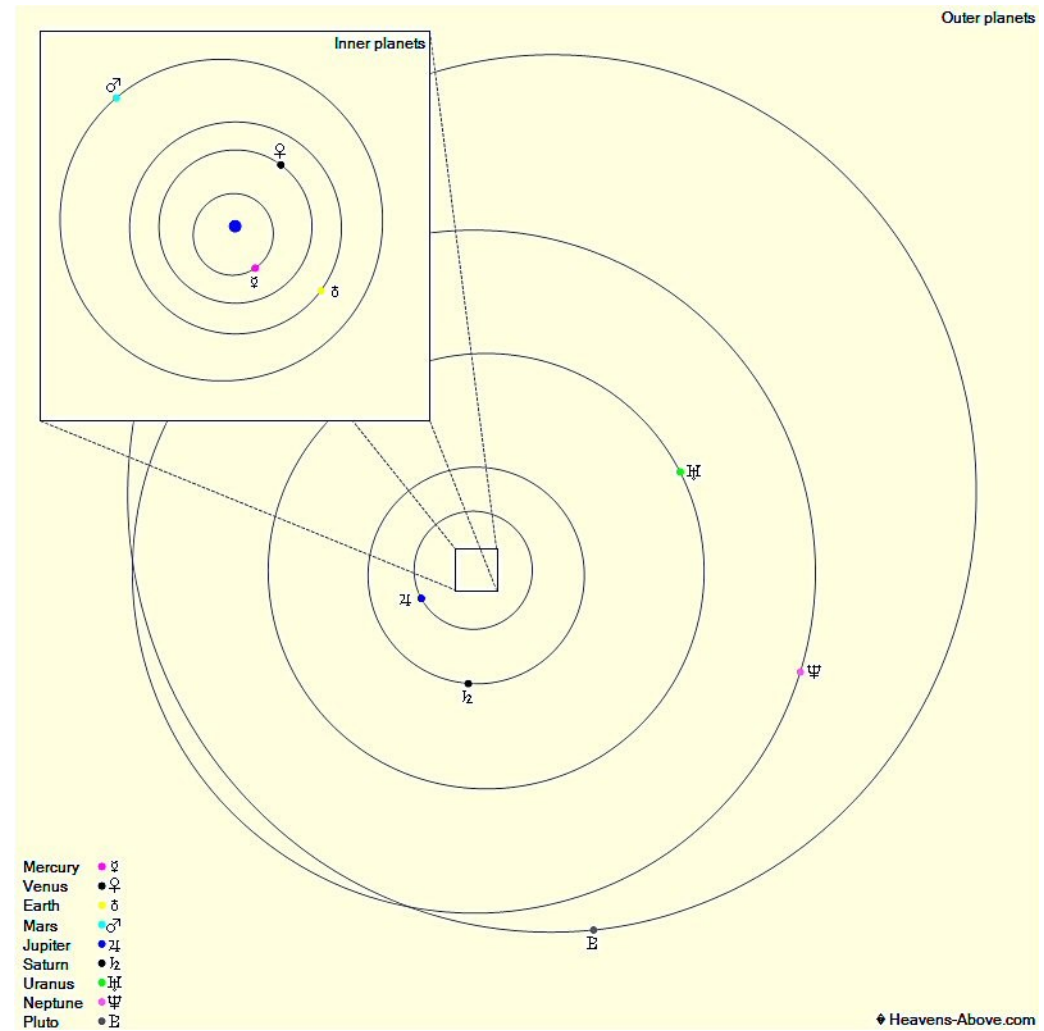


The night sky at 23:00 U.T.C., August 15th 2017

2017 August

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 Venus 38.4° W ISS, -3.9, 21:58, 67°, SSE Iridium 22 20:58, -6.7, 32°, 343°	2 Moon Apo-gee 18:55 ISS, -3.9, 21:41, 79°, S	3 Moon-Saturn 08:31 ISS, -3.6, 22:25, 52°, SSW	4 Moon S Dec 19:17 ISS, -3.8, 21:32, 66°, SSW ISS, -2.4, 23:08, 24°, SSW	5 ISS, -2.9, 22:16, 34°, SSW
		6 Iridium 7, 00:37, -7.6, 44°, 219° Iridium 51 00:37, -5.6, 44°, 218°	 7 Full Moon 19:11 Par Lunar Ec 19:22 ISS, -2.1, 22:07, 21°, SSW	8 Moon D Node 11:56 Iridium 59 23:20, -6.4, 19°, 273°	9	10 Iridium 57 23:22, -6.0, 16°, 278°
13	14	 15 Last Quarter 02:15	16 Moon-Aldeb 07:39 Iridium 57 21:45, -6.0, 19°, 351°	17	18 Moon N Dec 07:50 Moon Peri-gee 14:14	19 Moon-Venus 05:45
20 Moon-Beehive 08:15 R&DAS Meeting, Church Lawford (19:30)	 21 Moon A Node 11:34 Total Sol Ec 19:26 New Moon 19:30	22	23	24 Iridium 5 23:46, -6.5, 19°, 256°	25 Moon-Jupiter 14:00	26 Mercury Infer 21:32 Iridium 95 20:29, -7.2, 38°, 350°
27	28	 29 First Quarter 09:13	30 Moon Apo-gee 12:25 Moon-Saturn 15:23	31 		

The Planets, mid month.



Mercury is in Sextans with a magnitude of +1.9, a phase of 16%, and a diameter of 10". It rises at 06:58, transits at 13:18, and sets at 19:39. It is visible low in the west after sunset.

Venus is in Gemini with a magnitude of -4.0, a phase of 79%, and a diameter of 13". It rises at 01:34, transits at 09:48, and sets at 18:02. It is visible in the morning sky.

Mars is in Cancer with a magnitude of +1.8, a phase of 100%, and a diameter of 4". It rises at 04:10, transits at 11:52, and sets at 19:32. It is currently too close to the Sun to be observed.

Jupiter is in Virgo with a magnitude of -1.8 and a diameter of 33". It rises at 10:18, transits at 15:46, and sets at 21:14. It is visible in the evening sky.

Saturn is in Ophiuchus with a magnitude of +0.4 and a diameter of 17". It rises at 16:02, transits at 19:55, and sets at 23:47. It is visible in the evening sky.

Uranus is in Pisces with a magnitude of +5.8 and a diameter of 4". It transits at 04:22, sets at 11:22, and rises again at 21:18. 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 01:36, sets at 06:58, and rises again at 20:09. It is well placed for observation throughout the night.