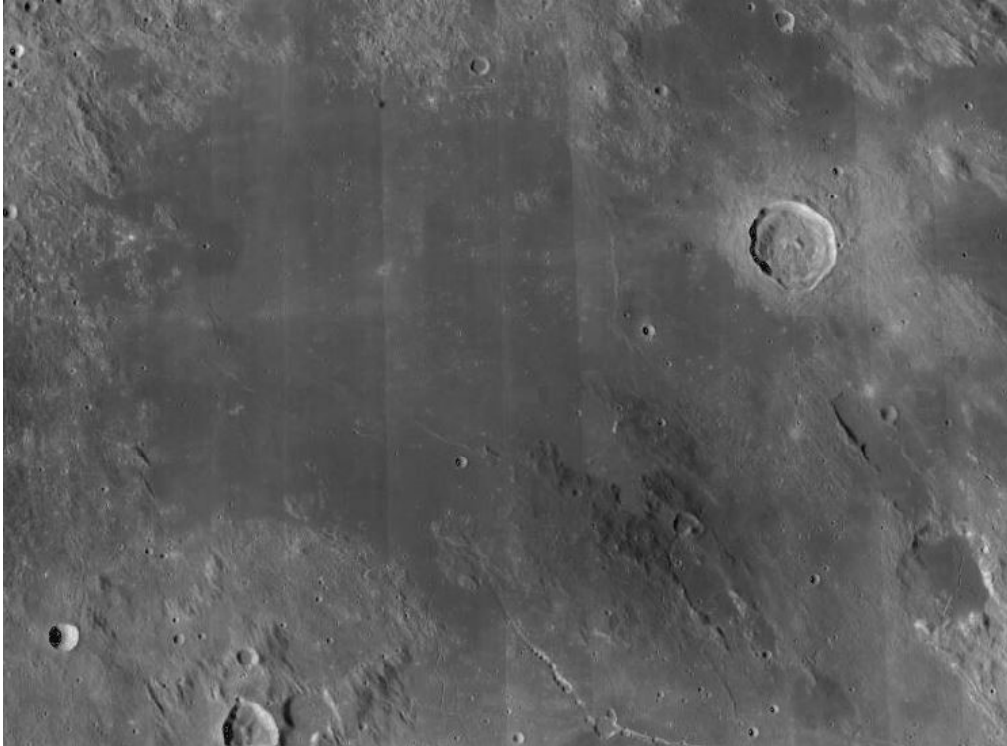


The Mare - Mare Vaporum

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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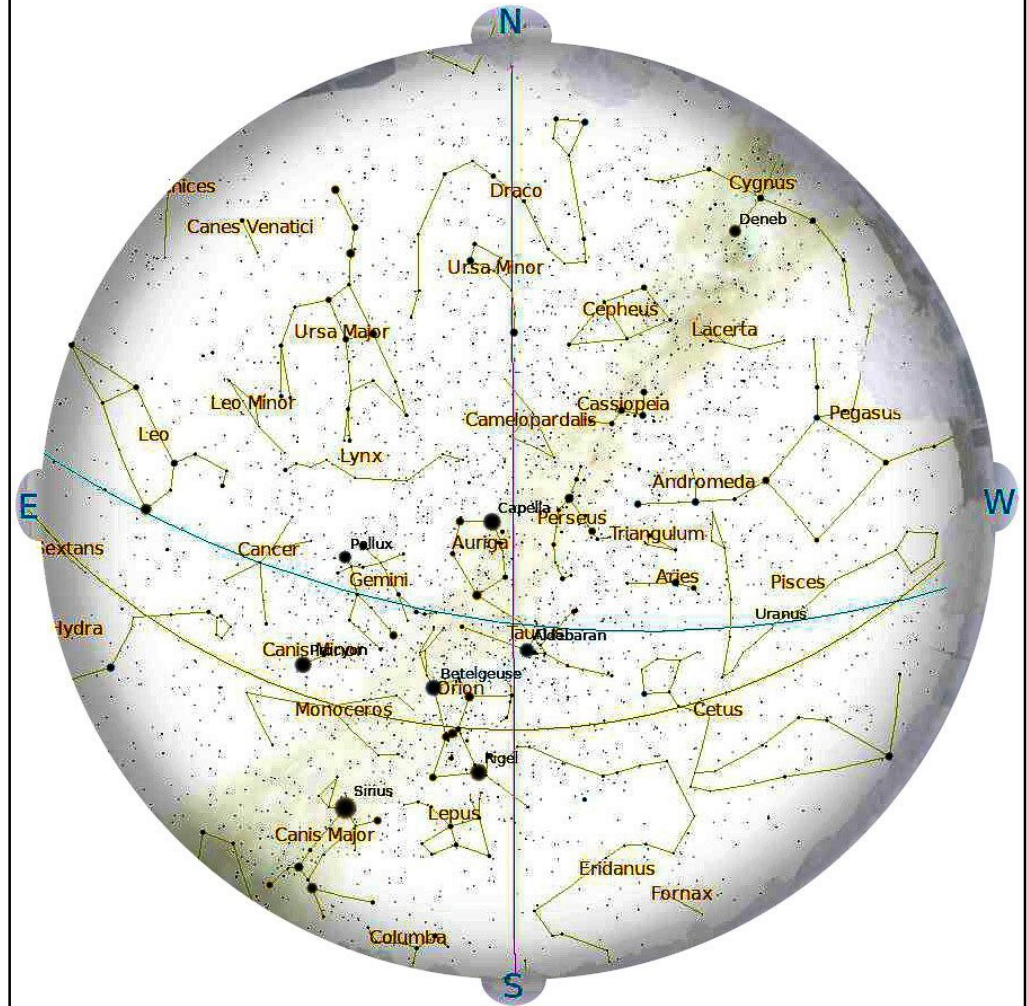
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Rugby & District Astronomical Society

Sky Notes

by Chris Longthorn

December 2017, no 101

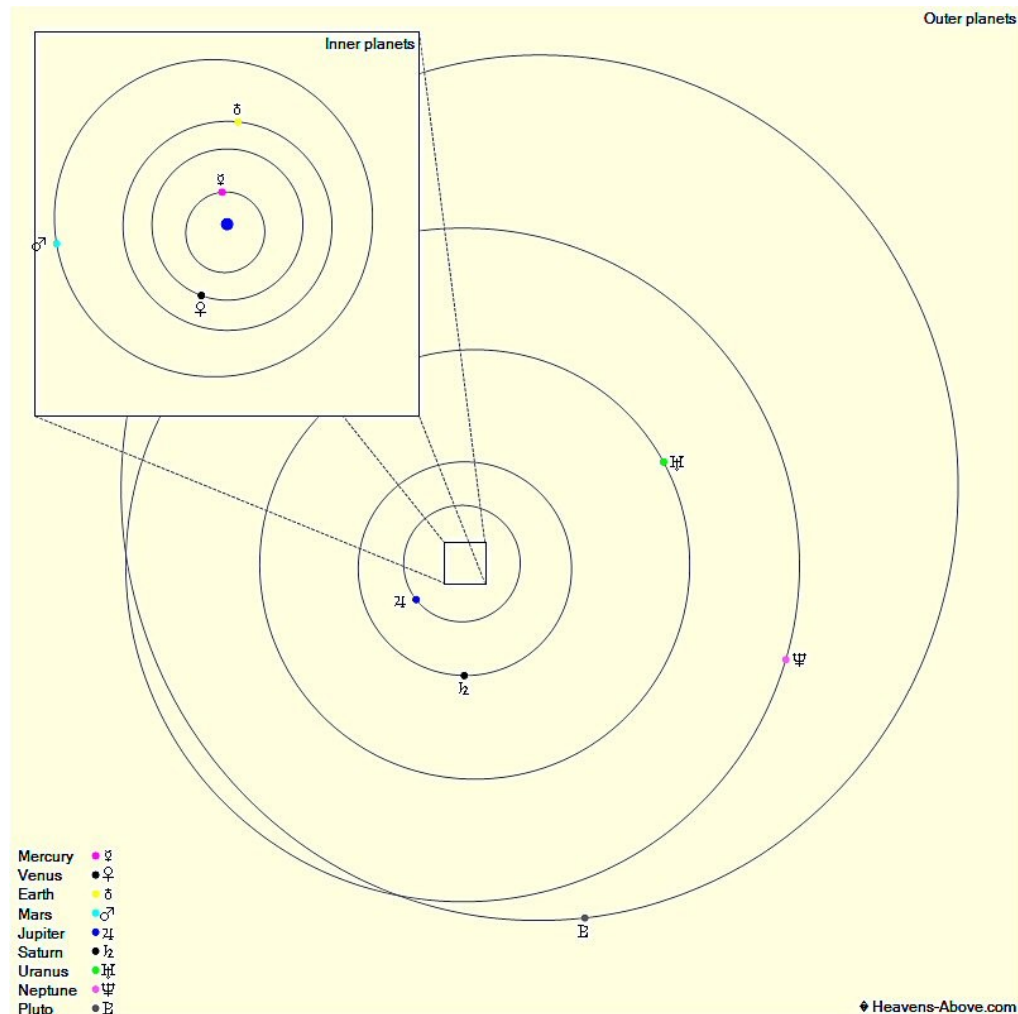


The night sky at 23:00 U.T.C., December 15th 2017

2017 December

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Venus 9.4° W	2
3 Moon- Aldeb 13:00 Full Moon 15:47	4 Moon Peri- gee 08:42 Iridium 22 19:31, -5.9, 12°, 183°	5 Moon N Dec 11:43	6	7 Moon- Beehive 09:30	8 Moon A Node 00:39 Moon- Regulus 22:25	9
10 Last Quar- ter 07:51	11	12	13 Mercury Infer 01:40 Moon-Mars 16:27 R&DAS Ob- serving, Barby (19:00)	14 Geminids 06:07 Moon- Jupiter 14:26 Iridium 11 18:38, -6.2, 27°, 193°	15	16 R&DAS Ob- serving, Barby (19:00)
17 R&DAS Christmas Dinner (19:30)	18 New Moon 06:31 ISS, -3.9, 19:11, 60°, NE	19 Moon Apo- gee 01:27 Moon S Dec 09:31 ISS, -0.3, 19:54, 11°, SW	20 ISS, -1.6, 18:59, 29°, SW	21 Winter Sol 16:29 Saturn Sun 20:18	22 Moon D Node 10:04 Ursids 15:00	23
24	25	26 First Quar- ter 09:20 Iridium 57 19:35, -3.4, 14°, 185°	27	28	29	30
31 Moon- Aldeb 00:25 Iridium 59 19:08, -3.3, 23°, 189°	Iridium 58 19:08, -2.2, 23°, 189°					

The Planets, mid month.



Mercury is in Ophiuchus with a magnitude of +3.2, a phase of 4%, and a diameter of 10". It rises at 07:40, transits at 11:42, and sets at 15:44. It is currently too close to the Sun to be observed.

Venus is in Ophiuchus with a magnitude of -3.9, a phase of 100%, and a diameter of 10". It rises at 07:52, transits at 11:40, and sets at 15:27. It is currently too close to the Sun to be observed.

Mars is in Virgo with a magnitude of +1.6, a phase of 94%, and a diameter of 4". It rises at 03:42, transits at 08:41, and sets at 13:39. It is visible in the morning sky.

Jupiter is in Libra with a magnitude of -1.7 and a diameter of 32". It rises at 04:42, transits at 09:20, and sets at 13:59. It is visible in the morning sky.

Saturn is in Sagittarius with a magnitude of +0.5 and a diameter of 15". It rises at 08:42, transits at 12:30, and sets at 16:19. It is currently too close to the Sun to be observed.

Uranus is in Pisces with a magnitude of +5.7 and a diameter of 4". It sets at 03:00, rises again at 13:11, and transits at 20:04. It is visible in the evening sky.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It rises at 12:06, transits at 17:25, and sets at 22:44. It is visible in the evening sky.