

The Mare—Mare Nubium, Cogitum and Humorum

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

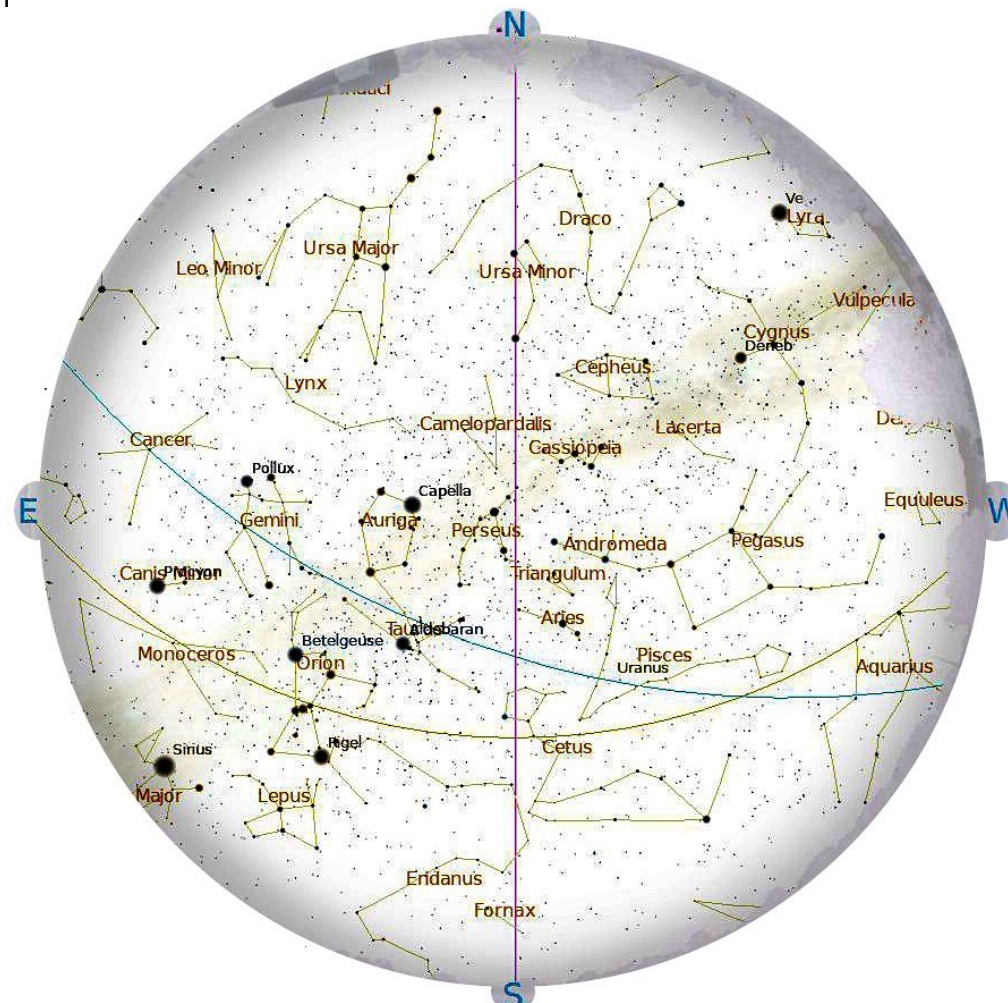


Rugby & District Astronomical Society

Sky Notes

by Chris Longthorn

November 2017, no 100



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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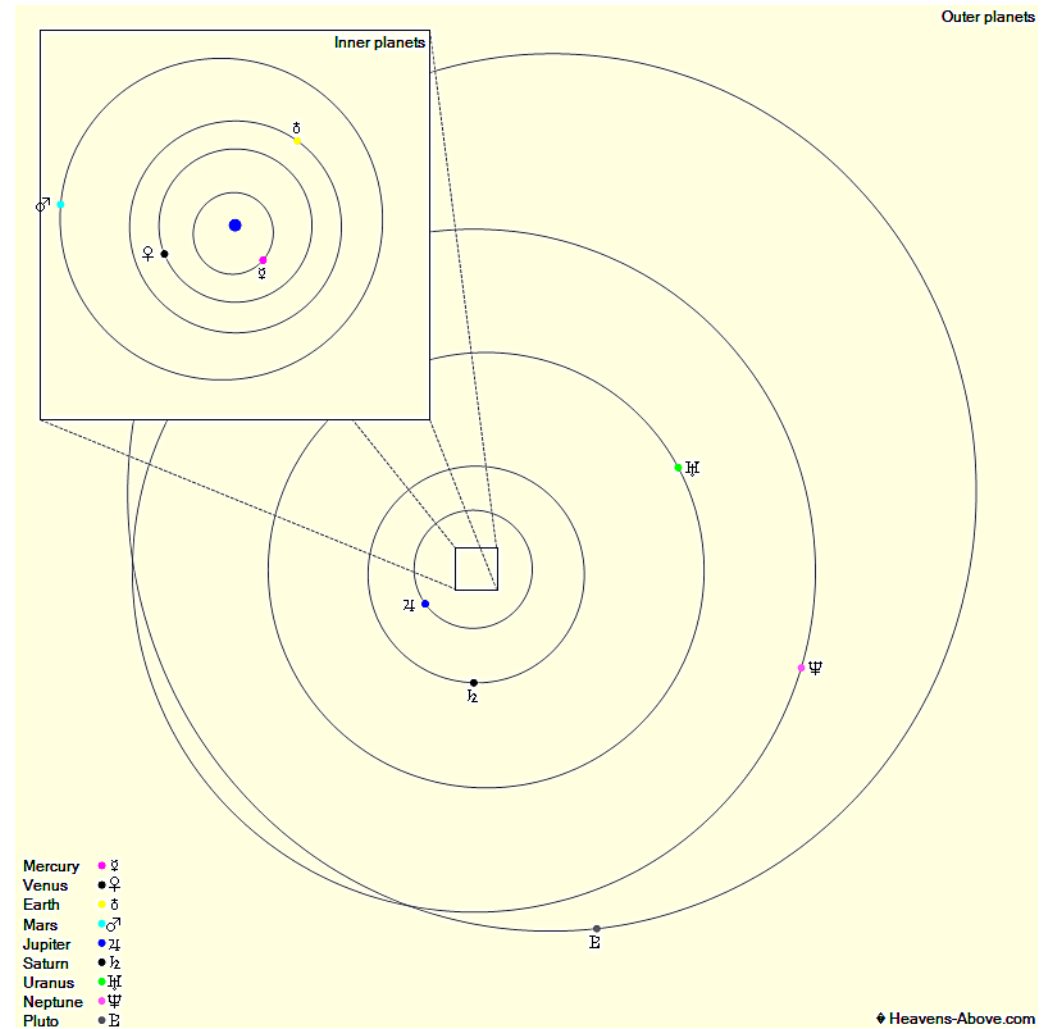
Phone 07739-716383
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The night sky at 23:00 U.T.C., November 15th 2017

2017 November

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	31	1 Venus 16.8° W	2 Venus- Spica 13:58	3	4 Full Moon 05:23
5 S. Taurids 11:22	6 Moon Peri- gee 00:09 Moon- Aldeb 02:19	7	8 Moon N Dec 01:28	9	10 Moon- Beehive 01:58 Last Quar- ter 20:37 Moon A Node 22:40	11 Moon- Regulus 16:07
12 N. Taurids 10:39 Mercury- Ant. 17:48	13	14	15 Moon-Mars 00:40	16	17 Leonids 16:56	18 New Moon 11:42 ISS, -3.5, 19:16, 61°, SSW
19 R&DAS Meeting, Church Lawford (19:30) ISS, -2.7, 18:24, 28°, SE	20 Iridium 68 18:41, -6.9, 28°, 187°	21 Moon- Saturn 00:34 Moon Apo- gee 18:52 ISS, -3.5, 18:15, 65°, NW	22 Moon S Dec 02:06	23 Mercury East 23:59	24	25 Moon D Node 08:22
26 First Quar- ter 17:03	27	28	29 Mars-Spica 14:27	30	1	2

The Planets, mid month.



Mercury is in Scorpius with a magnitude of -0.3, a phase of 79%, and a diameter of 6". It rises at 09:48, transits at 13:18, and sets at 16:49. It is visible low in the west after sunset.

Venus is in Libra with a magnitude of -3.9, a phase of 97%, and a diameter of 10". It rises at 06:15, transits at 11:03, and sets at 15:50. It is visible low in the east before sunrise.

Mars is in Virgo with a magnitude of +1.7, a phase of 96%, and a diameter of 4". It rises at 03:51, transits at 09:28, and sets at 15:05. It is visible in the morning sky.

Jupiter is in Libra with a magnitude of -1.7 and a diameter of 31". It rises at 06:04, transits at 10:54, and sets at 15:44. It is visible low in the east before sunrise.

Saturn is in Ophiuchus with a magnitude of +0.5 and a diameter of 15". It rises at 10:24, transits at 14:14, and sets at 18:03. It is visible in the evening sky.

Uranus is in Pisces with a magnitude of +5.7 and a diameter of 4". It sets at 05:03, rises again at 15:11, and transits at 22:05. It is well placed for observation throughout the night.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It sets at 00:46, rises again at 14:04, and transits at 19:23. It is visible in the evening sky.