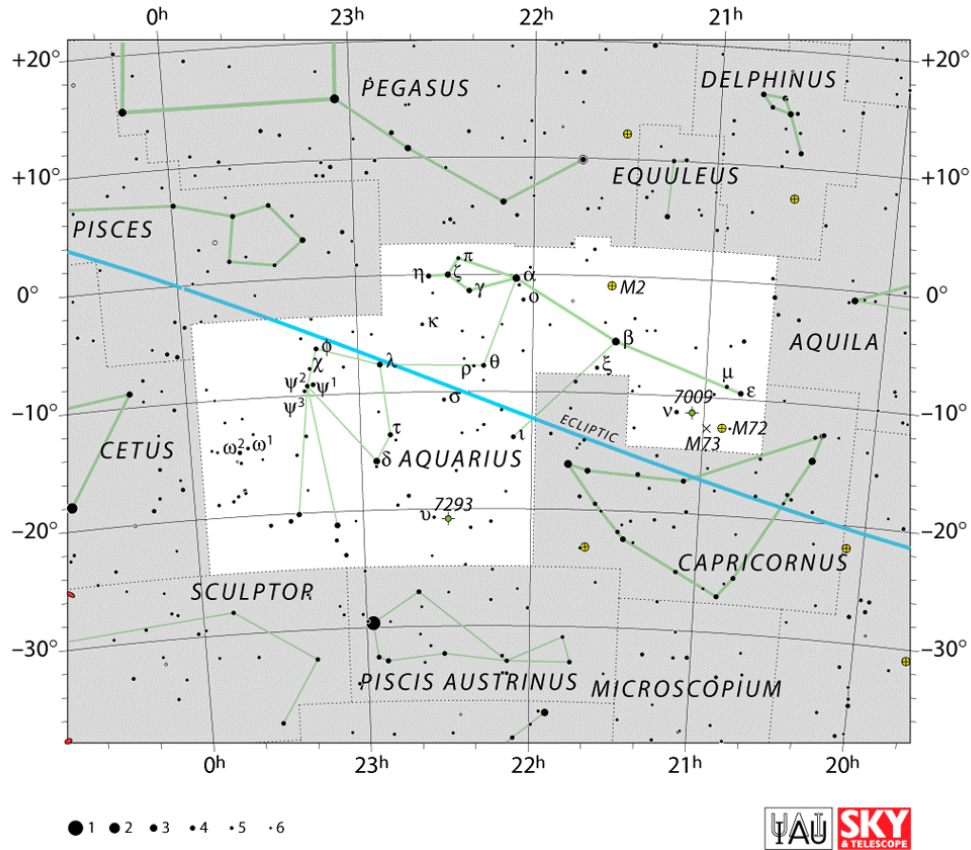


Constellation of the Month - Aquarius

Your challenge is to observe, and record what you see ready for including in the Sky Notes presentation next month.

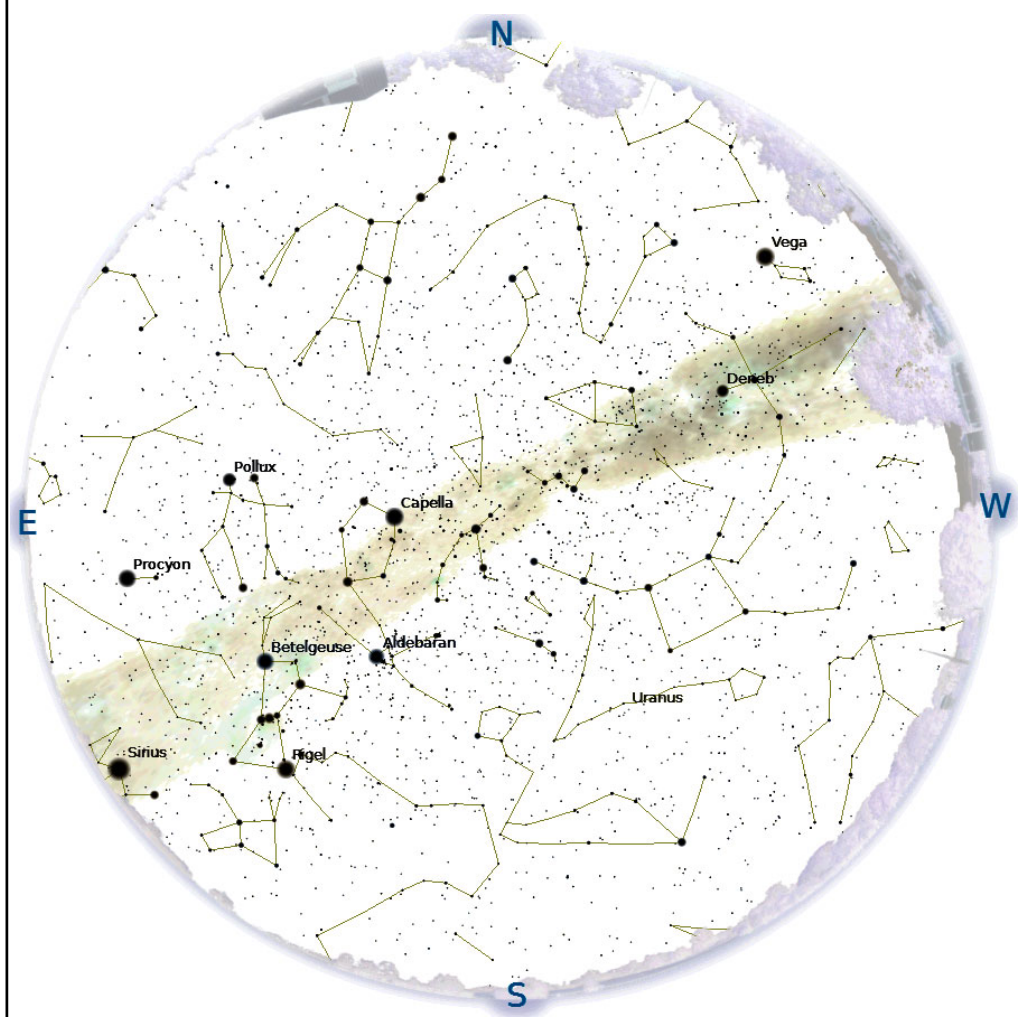
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

Nov 2015, no 77



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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


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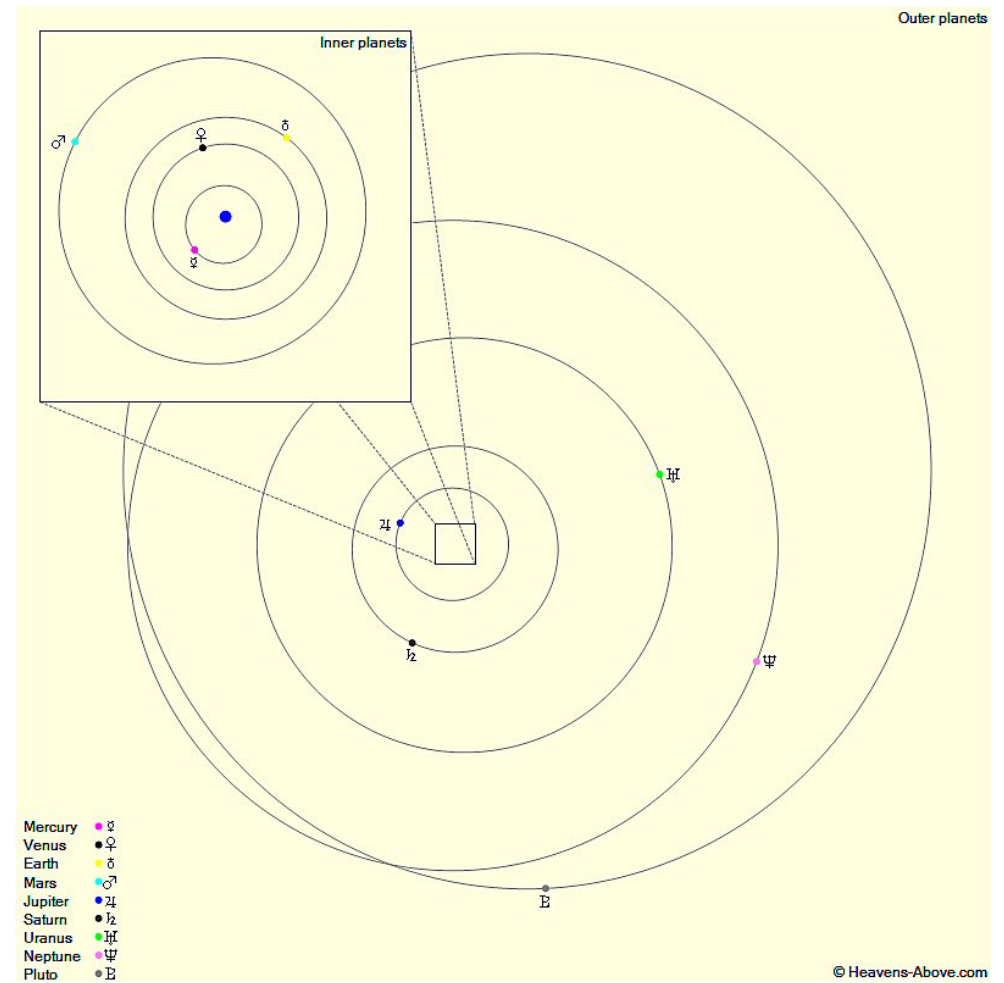
The night sky at 23:00 U.T.C., November 15th
2015

2015 November

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Venus 46.3° W	2	 3 Venus-Mars 07:20 Last Quarter 12:24	4	5 S. Taurids 23:04	6 Moon-Jupiter 15:49	7 Moon-Mars 09:56 Moon-Venus 13:54 Moon A Node 15:53 Moon Apogee 21:48 R&DAS Ob- serving @ Barby 18:00
8	9	10	 11 New Moon 17:47	12 N. Taurids 22:20	13	14 CAWAS Ob- serving @ Prince- thorpe 18:00
15 Moon S Dec 00:39 R&DAS Monthly Meeting 7:30 Iridium 64 16:24 -6.3 26° 277°	16	17 Mercury Super 14:45 CAWAS Ob- serving @ Prince- thorpe 18:00 (Leonids)	18 Leonids 04:38	 19 First Quarter 06:27	20	21 Moon D Node 13:56
22 Iridium 76 17:02 -6.6 27° 198°	23 Moon Perigee 20:06	24	 25 Full Moon 22:44	26 Moon-Aldeb 09:33	27 Moon N Dec 20:13	28
29 Venus-Spica 19:20 Saturn Sun 23:31	30					

Sky Events Calendar by Fred Espenak and Sumit Dutta (NASA's GSFC)
ISS, Iridium Data and Solar System Map courtesy of Heavens-Above (www.heavens-above.com)

The Planets, mid month.



Mercury is in Libra with a magnitude of -1.3, a phase of 100%, and a diameter of 5". It rises at 07:20, transits at 11:45, and sets at 16:08. It is currently too close to the Sun to be observed.

Venus is in Virgo with a magnitude of -4.3, a phase of 61%, and a diameter of 20". It rises at 03:02, transits at 08:58, and sets at 14:54. It is visible in the morning sky.

Mars is in Virgo with a magnitude of +1.6, a phase of 94%, and a diameter of 4". It rises at 02:29, transits at 08:36, and sets at 14:43. It is visible in the morning sky.

Jupiter is in Leo with a magnitude of -1.9 and a diameter of 34". It rises at 01:19, transits at 07:50, and sets at 14:20. It is visible in the morning sky.

Saturn is in Scorpius with a magnitude of +0.5 and a diameter of 15". It rises at 08:31, transits at 12:45, and sets at 16:58. It is visible low in the west after sunset.

Uranus is in Pisces with a magnitude of +5.7 and a diameter of 4". It sets at 04:10, rises again at 14:56, and transits at 21:31. 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 00:19, rises again at 13:51, and transits at 19:03. It is visible in the evening sky.