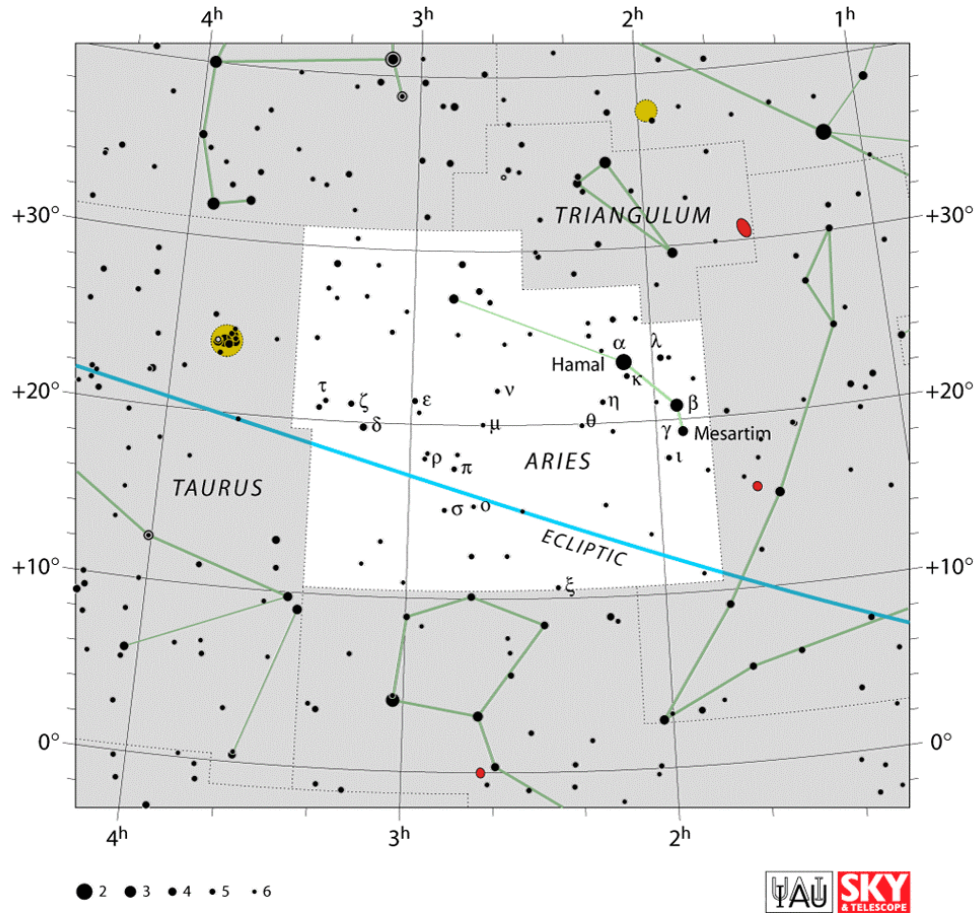


# Constellation of the Month - Aries

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

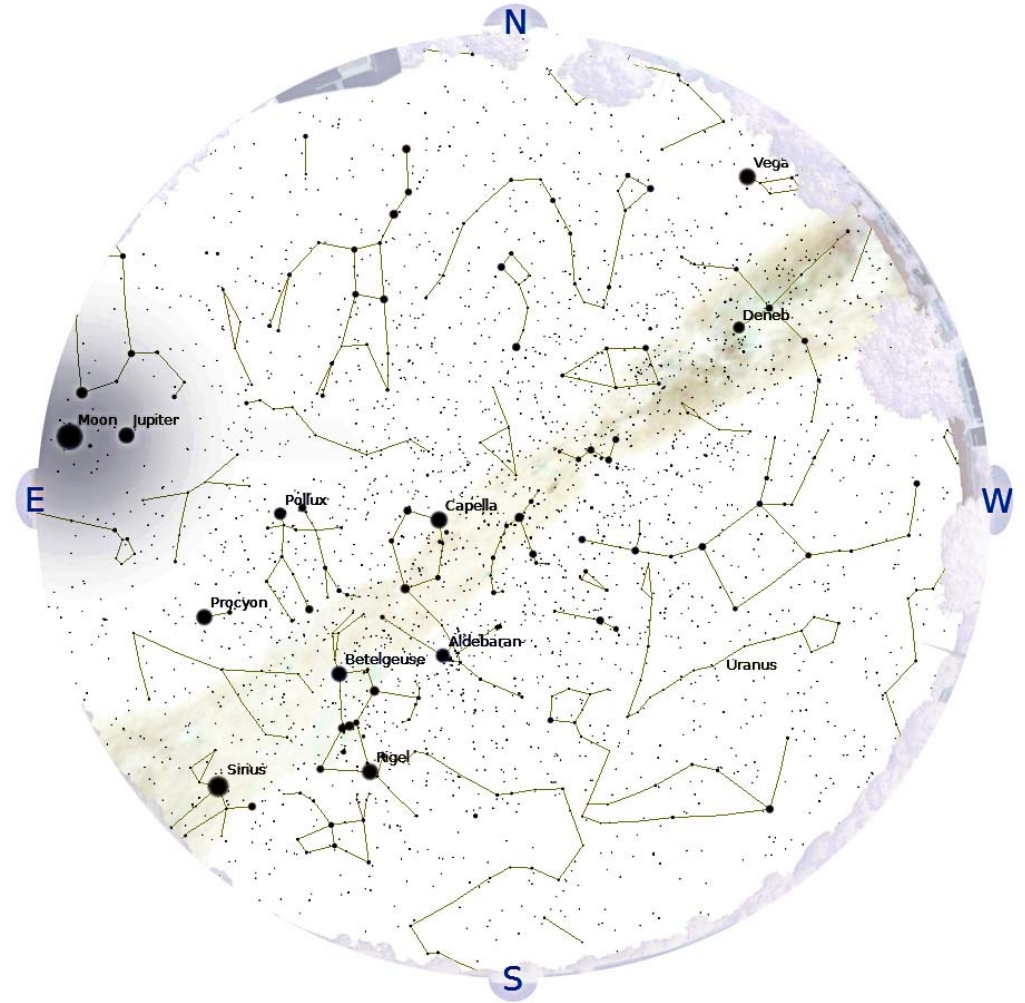
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



# Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

November 2014, no 66



## Rugby & District Astronomical Society

[www.rugbyastro.org.uk](http://www.rugbyastro.org.uk)





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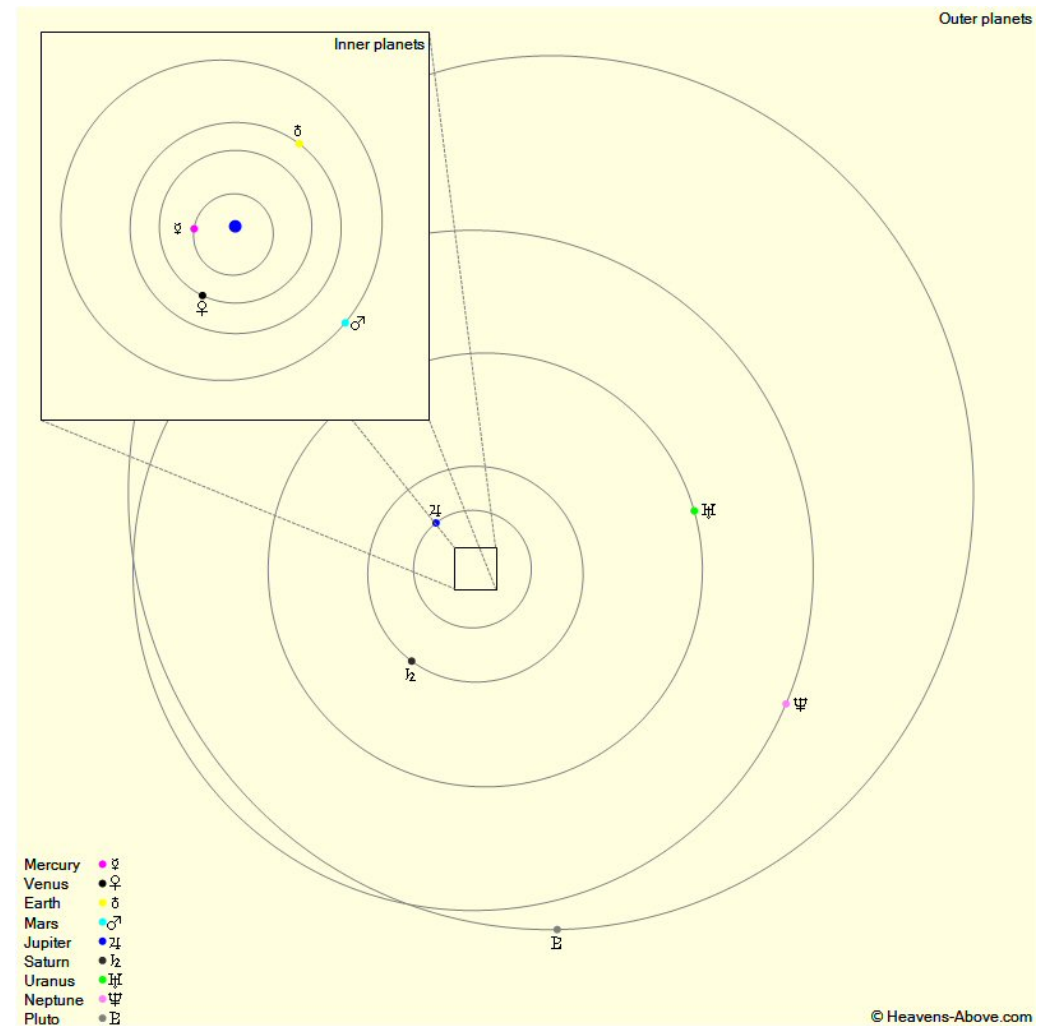
Phone 07739-716383  
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The night sky at 23:00 U.T.C., Nov 15th

## Sky Events Calendar 2014 November

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	31	1 Venus 2° E Mercury West 11:59
2	3 Moon Perigee 00:21 Iridium 58 19:04 Mag -7.2 Alt 30° Az 18° (NNE)	4 Mercury-Spica 12:10	5 Moon D Node 03:13 S. Taurids 16:55	6  6 Full Moon 22:23	7 R&DAS Observing, Barby 4:45 p.m.	8 Moon-Aldeb 19:41
9 Moon N Dec 23:12	10	11 Iridium 34 18:19 Mag -7.1 Alt 36° Az 69° (ENE)	12 N. Taurids 16:11 Iridium 58 05:43 Mag -6.0 Alt 25° Az 161° (SSE)	13	14  14 Last Quarter 15:16	15 Moon Apogee 01:56
16 R&DAS monthly meeting	17 Leonids 22:29 RADAS Observing (Leonid meteors) at Barby, 5pm Iridium 57 17:47 Mag -8.0 Alt 54° Az 34° (NE)	18 Saturn Sun 08:10 Iridium 4 06:04 Mag -6.3 Alt 22° Az 54° (NE)	19 Moon A Node 08:18 Moon-Spica 16:01	20	21	22  22 New Moon 12:32
23 Iridium 59 05:04 Mag -7.0 Alt 28° Az 184° (S)	24 Moon S Dec 08:17	25	26	27 Moon Perigee 23:11	28	29  29 First Quarter 10:06
30	1	2	3	4	5	6

## The Planets, mid month.



**Mercury** is in Libra with a magnitude of -0.8, a phase of 91%, and a diameter of 5". It rises at 06:06, transits at 10:59, and sets at 15:51. It is visible low in the east before sunrise.

**Venus** is in Libra with a magnitude of -3.9, a phase of 100%, and a diameter of 10". It rises at 07:56, transits at 12:12, and sets at 16:27. It is currently too close to the Sun to be observed.

**Mars** is in Sagittarius with a magnitude of +0.9, a phase of 91%, and a diameter of 5". It rises at 11:49, transits at 15:33, and sets at 19:17. It is visible in the evening sky.

**Jupiter** is in Leo with a magnitude of -2.1 and a diameter of 38". It transits at 06:05, sets at 13:29, and rises again at 22:38. It is visible in the morning sky.

**Saturn** is in Libra with a magnitude of +0.5 and a diameter of 15". It rises at 07:34, transits at 12:02, and sets at 16:30. 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 03:45, rises again at 14:49, and transits at 21:15. 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 00:05, rises again at 13:46, and transits at 18:54. It is visible in the evening sky.

All times in UTC, add one hour for BST

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)