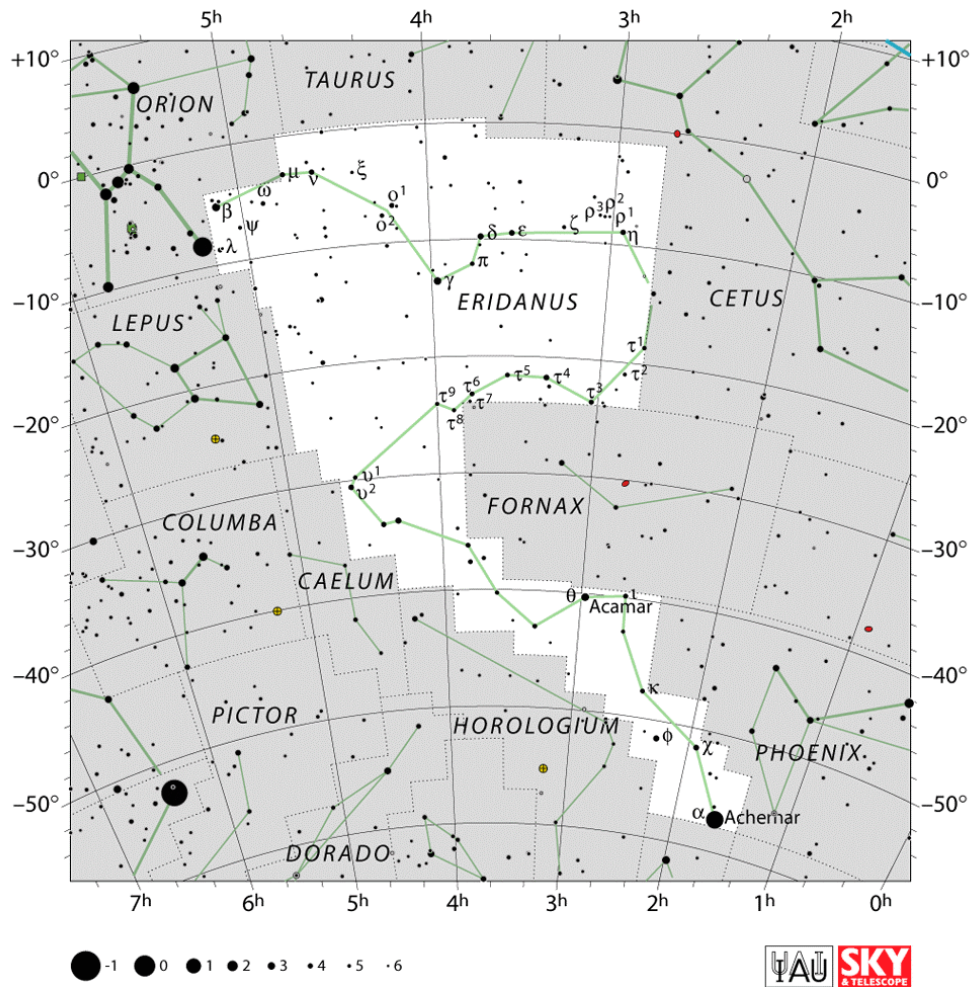


# Constellation of the Month - Eridanus

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.

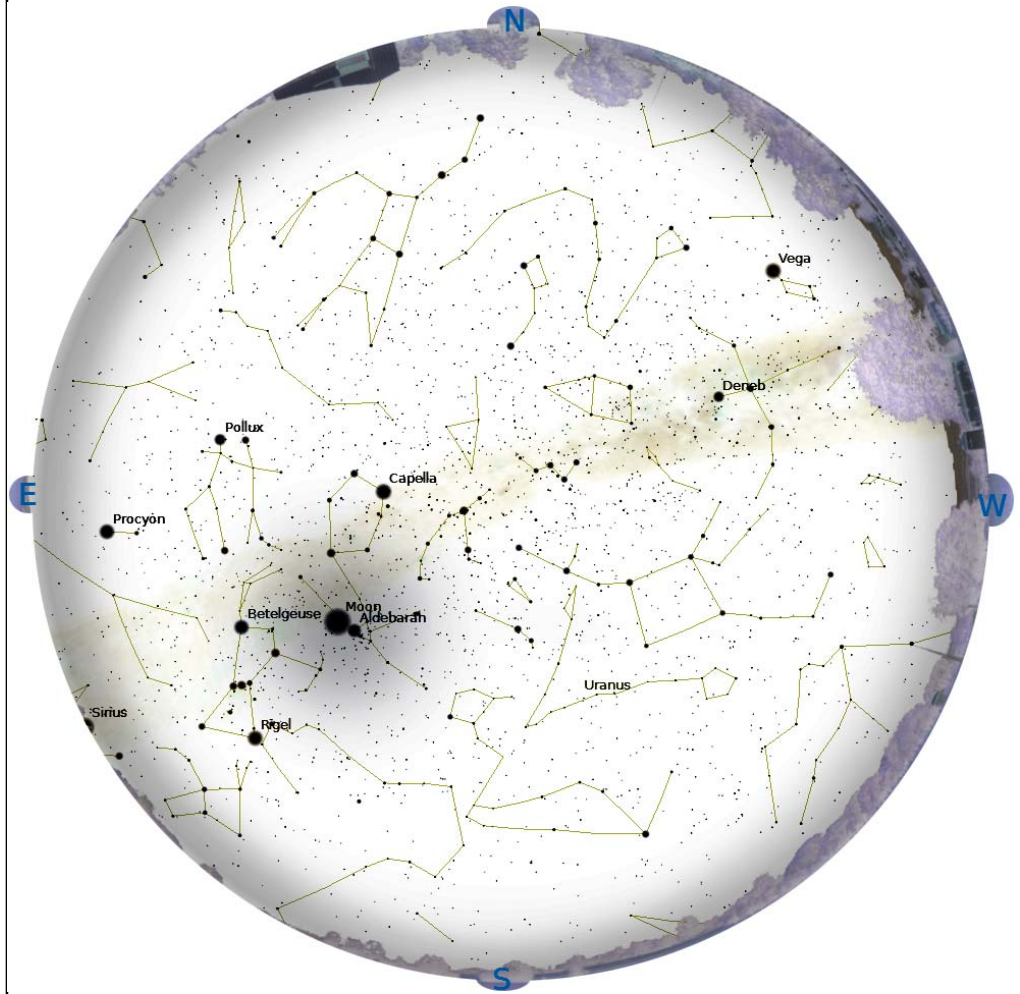


# Rugby & District Astronomical Society

## Sky Notes

by Chris Longthorn

November 2016, no 88



### Rugby & District Astronomical Society

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





Honorary President:	Dr Johanna Jarvis	Chair:	Julian Leckie
Treasurer:	Dennis Osborne	Membership Secretary:	Barrie Chessell
Webmaster:	David Riley	Secretary:	David Partridge
Speakers Secretary:	Chris Longthorn	Sky Notes	Chris Longthorn

Email [rugby-Astro@hotmail.co.uk](mailto:rugby-Astro@hotmail.co.uk)

Phone 07739-716383  
© R&DAS 2016

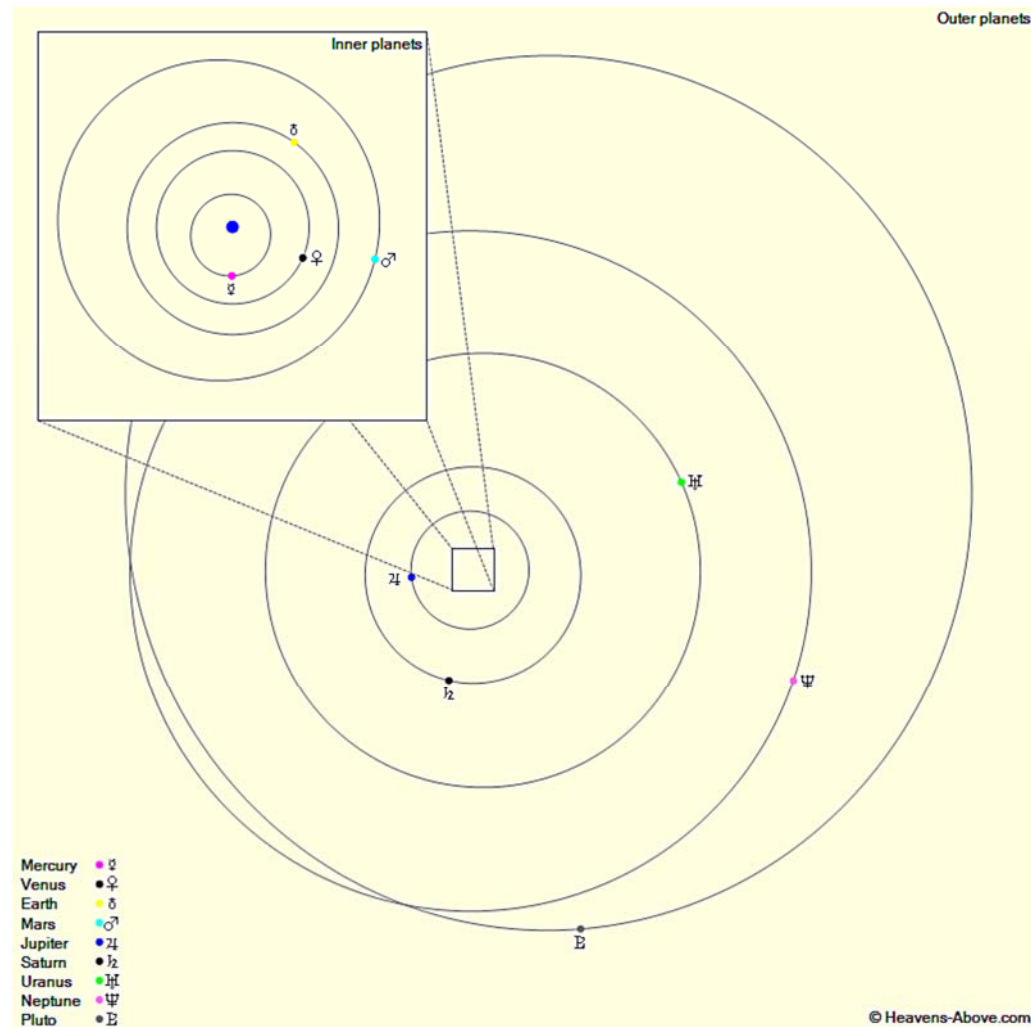
The night sky at 23:00 U.T.C., November 15th 2016

## 2016 November

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 Venus 37.7° E	2 Moon-Saturn 19:38	3	4 Moon S Dec 13:04  Iridium 75 18:24, -7.9, 44°, 23° (NNE)	5 S. Taurids 05:13  Iridium 14 18:17, -8.0, 46°, 24° (NNE)
6  Iridium 66 18:11, -8.0, 48°, 25° (NNE)	7  7 First Quarter 19:51	8	9 Moon D Node 15:57	10	11	12 N. Taurids 04:29
13	14  14 Moon Perigee 11:23 Full Moon 13:52	15 Moon-Aldeb 16:50	16	17 Moon N Dec 09:32 Leonids 10:47	18	19
20  R&DAS meet- ing 7:30 Church Law- ford	21  21 Last Quarter 08:33 Moon-Regulus 10:08	22 Moon A Node 02:48	23 Mercury-Sat 18:48	24	25 Moon-Jupiter 01:47	26
27 Moon Apogee 20:08	28	29  29 New Moon 12:18	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 Scorpius with a magnitude of -0.6, a phase of 95%, and a diameter of 5". It rises at 08:49, transits at 12:39, and sets at 16:28. It is visible low in the west after sunset.

**Venus** is in Sagittarius with a magnitude of -4.1, a phase of 73%, and a diameter of 15". It rises at 11:23, transits at 14:48, and sets at 18:12. It is visible in the evening sky.

**Mars** is in Capricornus with a magnitude of +0.5, a phase of 87%, and a diameter of 7". It rises at 12:58, transits at 16:59, and sets at 21:01. It is visible in the evening sky.

**Jupiter** is in Virgo with a magnitude of -1.7 and a diameter of 32". It rises at 03:45, transits at 09:24, and sets at 15:03. It is visible in the morning sky.

**Saturn** is in Ophiuchus with a magnitude of +0.5 and a diameter of 15". It rises at 09:33, transits at 13:29, and sets at 17:26. 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 04:37, rises again at 15:03, and transits at 21:48. 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 00:32, rises again at 13:59, and transits at 19:14. It is visible in the evening sky.