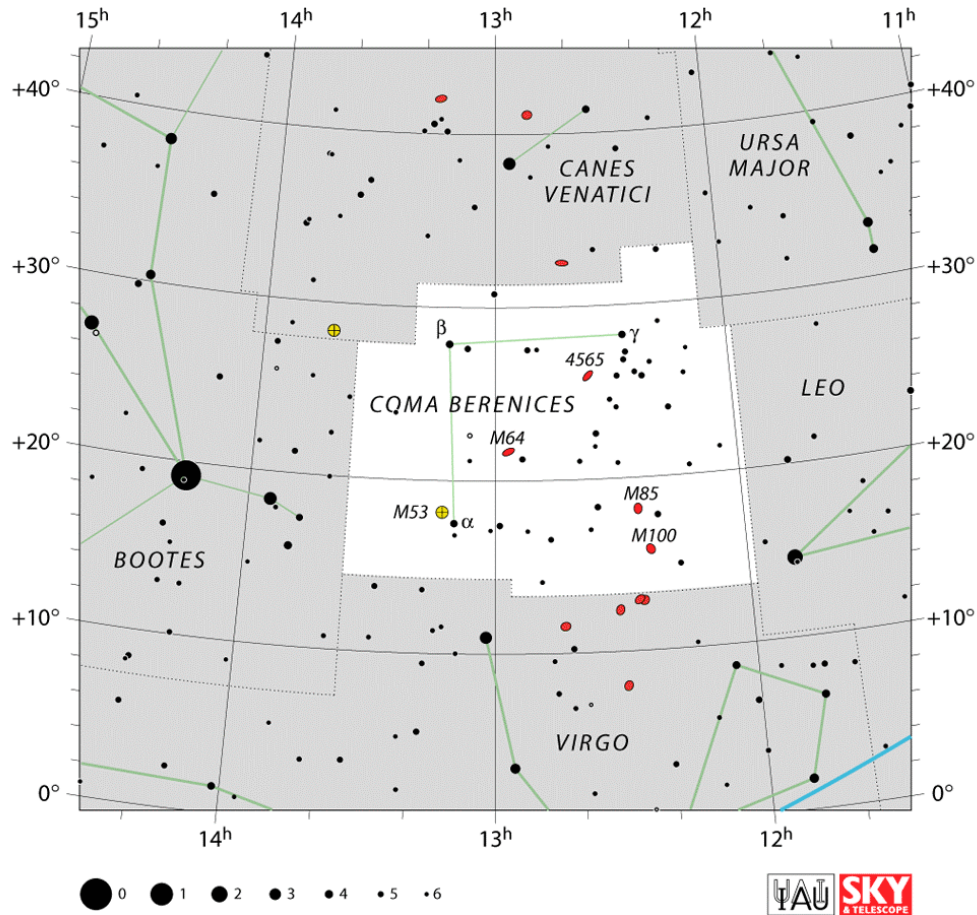


Constellation of the Month - Coma Berenices.

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

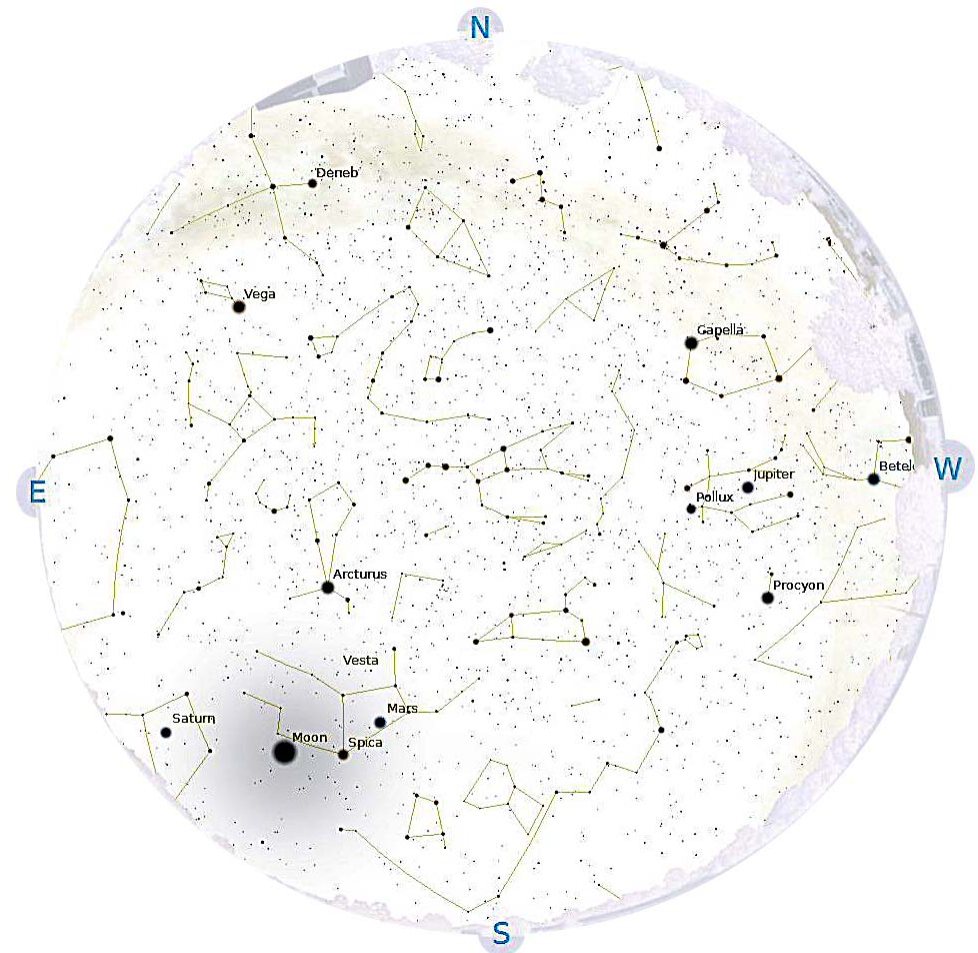
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

April 2014, no 59



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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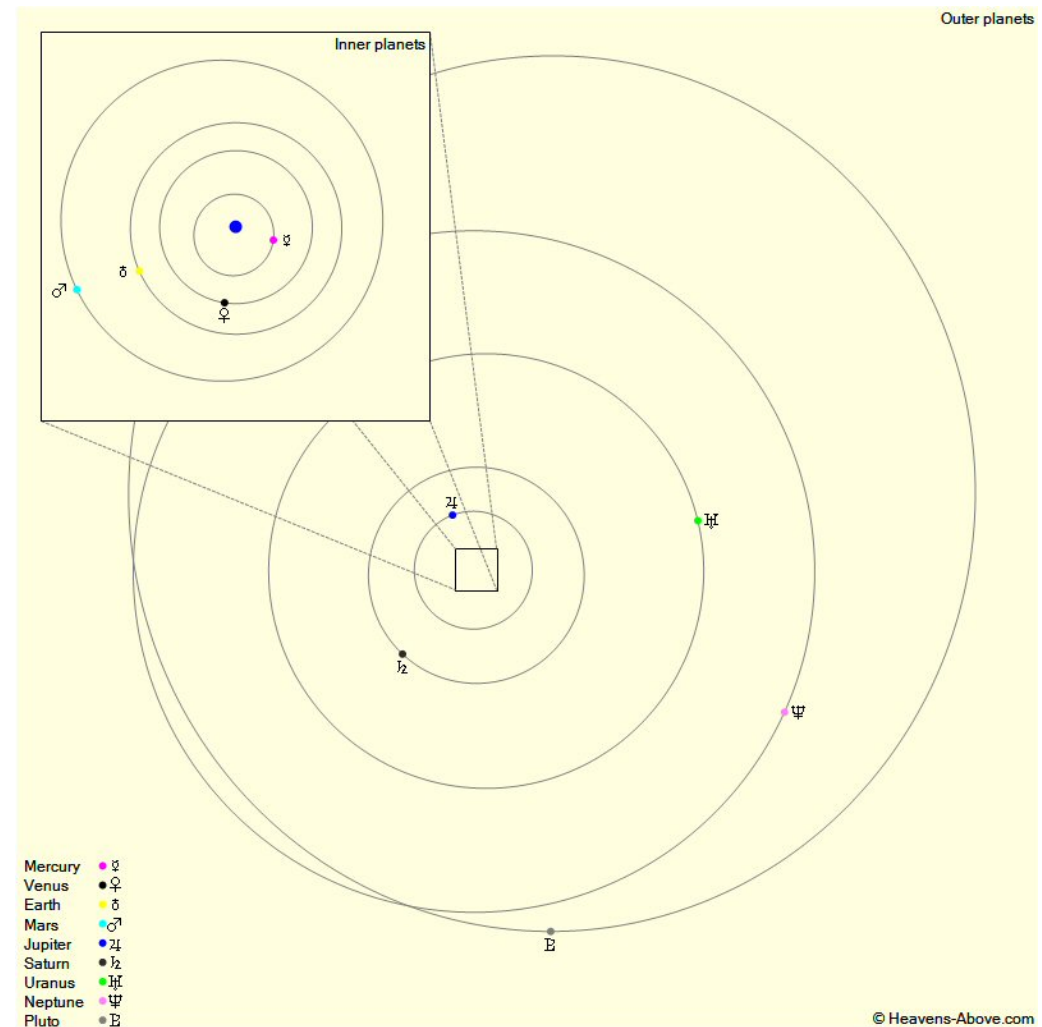
The night sky at 23:00 U.T.C., Apr 15th

Sky Events Calendar 2014 April

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
 30 New Moon 18:45	31	1 Moon D Node 02:30 Venus 46.3° W	2 Uranus Sun 06:39 ISS, -3.3 18:50:48 81° NW	3	4	5 Moon N Dec 07:12
6 ISS, -3.4 05:29:53 77° SSE	 7 First Quarter 08:31	8 Moon Apogee 14:52 Mars Opp 20:11 Iridium 35, 04:47:20 -5.1 42° 195°	9	10	11 R&DAS 19:00, Observing, Barby	12
13 R&DAS 19:30, Meeting Church Lawford	14 Moon-Mars 18:24	 15 Full Moon 07:42 Total Lun Ec 07:47 Moon A Node 13:23	16	17 Moon-Saturn 07:42	18	19 Moon S Dec 12:55 Iridium 10, 05:43:16 -5.0 60° 179°
20	21	 22 Last Quarter 07:52 Lyrids 17:12	23 Moon Perigee 00:27	24	25 Moon-Venus 23:16	26 Mercury Super 03:07 R&DAS 19:30, Observing, Barby
27	28 Moon D Node 11:36	 29 Ann Solar Ec 06:04 New Moon 06:14	30	1 Venus 42.8° W Moon-Aldeb 15:51	2 Moon N Dec 15:59	3

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)

The Planets, mid month.



Mercury is in Pisces with a magnitude of -1.0, a phase of 93%, and a diameter of 5". It rises at 05:02, transits at 11:26, and sets at 17:52. It is visible low in the east before sunrise.

Venus is in Aquarius with a magnitude of -4.2, a phase of 61%, and a diameter of 19". It rises at 03:57, transits at 09:19, and sets at 14:41. It is visible in the morning sky.

Mars is in Virgo with a magnitude of -1.4, a phase of 100%, and a diameter of 15". It sets at 05:17, rises again at 17:52, and transits at 23:32. It is well placed for observation throughout the night.

Jupiter is in Gemini with a magnitude of -2.1 and a diameter of 37". It sets at 01:48, rises again at 09:08, and transits at 17:26. It is visible in the evening sky.

Saturn is in Libra with a magnitude of +0.2 and a diameter of 18". It transits at 01:53, sets at 06:30, and rises again at 21:12. It is well placed for observation throughout the night.

Uranus is in Pisces with a magnitude of +5.9 and a diameter of 3". It rises at 04:54, transits at 11:21, and sets at 17:47. It is visible low in the east before sunrise.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It rises at 03:54, transits at 09:06, and sets at 14:19. It is visible in the morning sky.