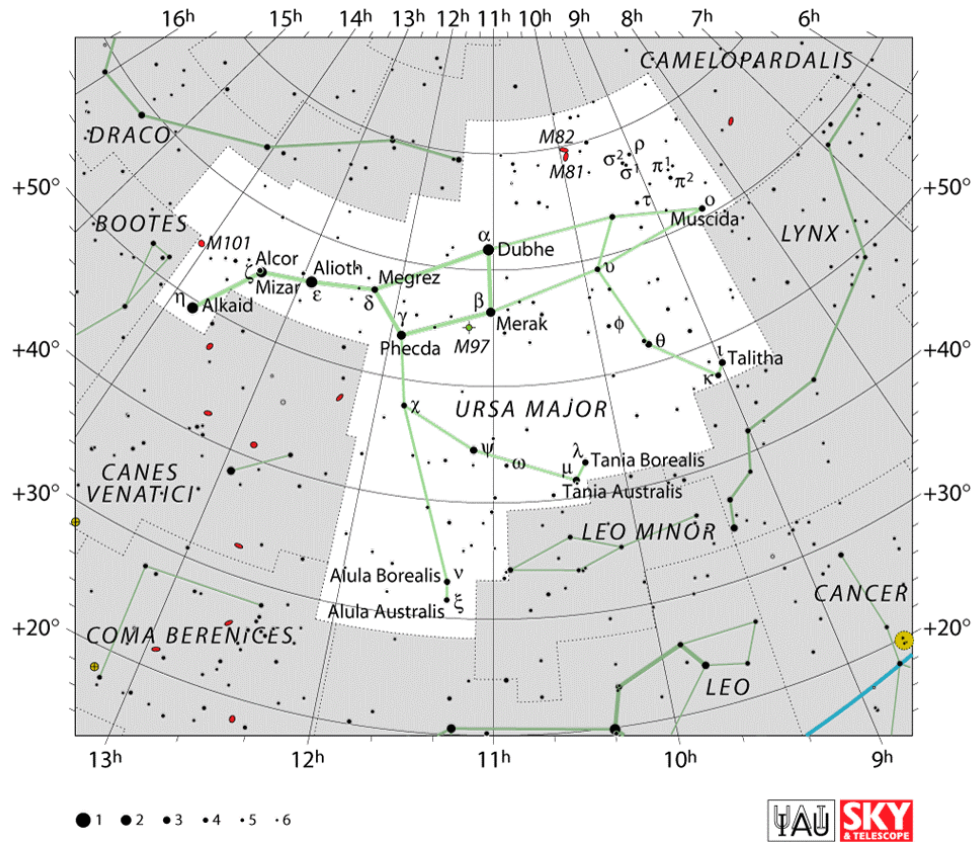


Constellation of the Month - Ursa Major.

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

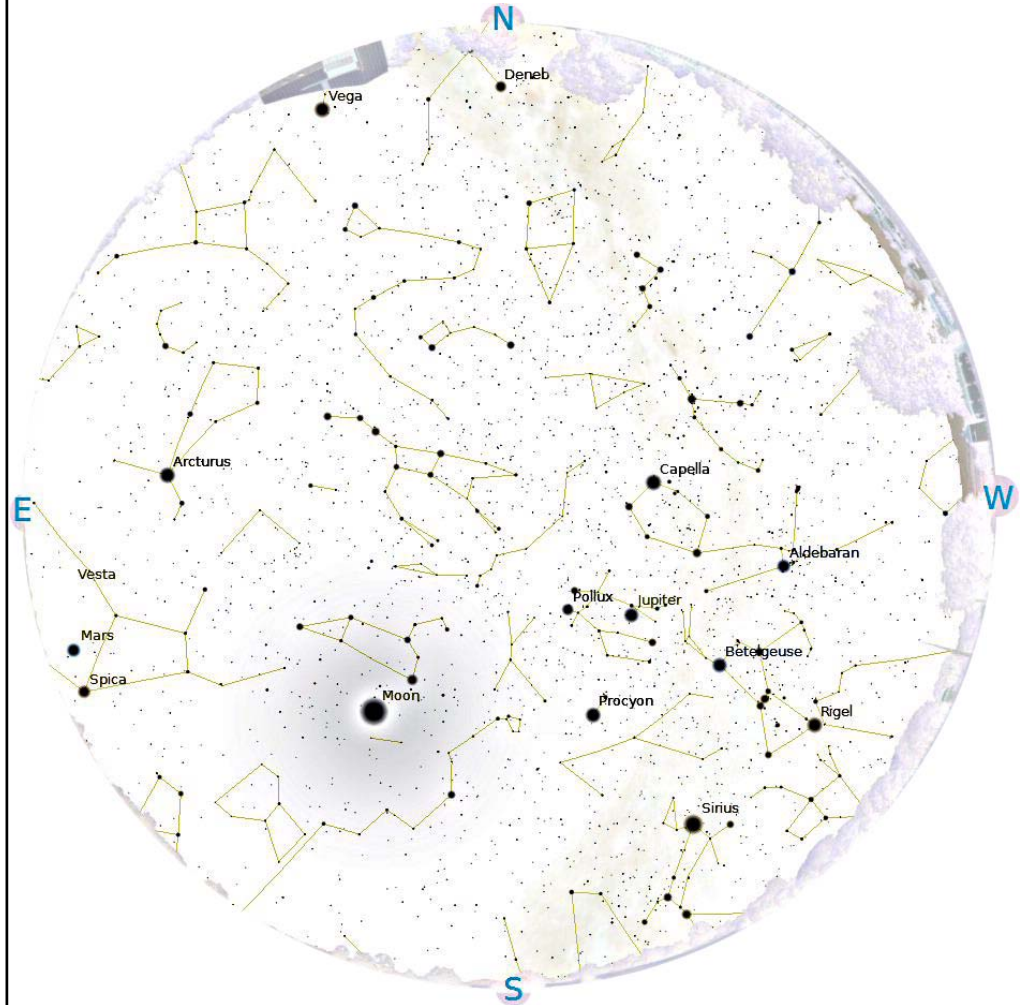
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

February 2014, no 57



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

Rugby & District Astronomical Society

www.rugbyastro.org.uk

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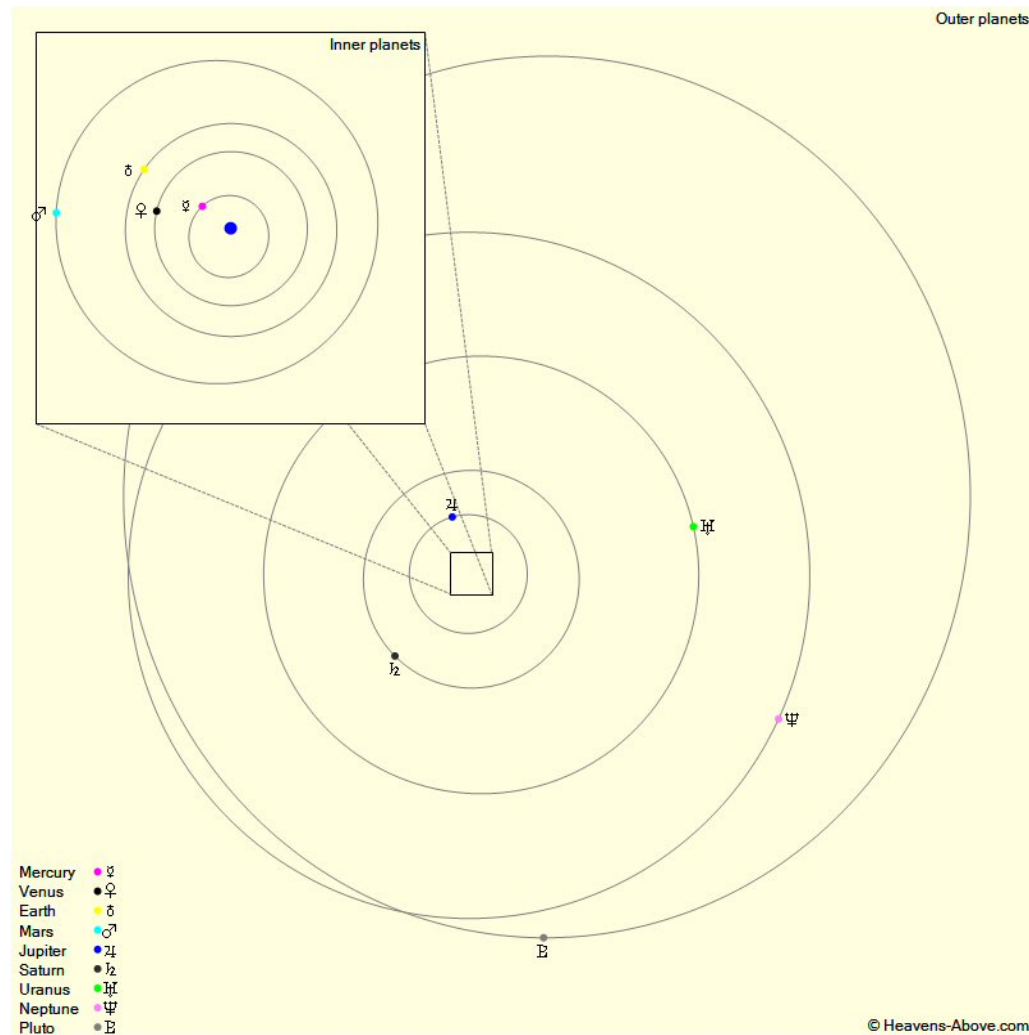
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Event Calendar, February 2014

Sunday Monday Tuesday Wednesday Thursday Friday Saturday

						1 ISS, -1.5 19:04:13 29° NW
2	3 1:05 Mars 5° N of Spica	4	5	6 ISS, -3.3 04:59:03 62° SW 19:22 First Quarter Moon	7 Iridium 11, 05:49:35 -6.9 31° 155°	8
9	10	11	12 5:09 Moon at Apogee,	13	14 23:53 Full Moon R&DAS 16:30, Observing Barby	15 Iridium 23, 05:11:27 -6.3 27° 168° 20:13 Mercury Inferior Conjunction
16 R&DAS 19:30 AGM & Meeting	17	18	19 23:59 Mars 3.3° N of Moon	20	21	22 3:00 Saturn- Moon Conjunction Iridium 23, 04:38:46 -5.6 19° 177° 17:15 Last Quarter Moon R&DAS 10:00— 16:00 Hinckley Library R&DAS 17:00 Observing Barby
23 17:25 Neptune Conjunction	24	25	26 05:23 Moon 0.4° S of Venus	27 20:00 Moon at Perigee 21:24 Mercury 2.8° S of Moon	28 ISS, -1.6 19:35:42 24° NNW	

The Planets, mid month.



Mercury is in Capricornus with a magnitude of +4.5, a phase of 1%, and a diameter of 10". It rises at 07:01, transits at 12:17, and sets at 17:32. It is currently too close to the Sun to be observed.

Venus is in Sagittarius with a magnitude of -4.6, a phase of 26%, and a diameter of 41". It rises at 05:02, transits at 09:36, and sets at 14:10. It is visible in the morning sky.

Mars is in Virgo with a magnitude of -0.1, a phase of 93%, and a diameter of 10". It transits at 04:06, sets at 09:29, and rises again at 22:40. It is visible in the morning sky.

Jupiter is in Gemini with a magnitude of -2.5 and a diameter of 44". It sets at 05:32, rises again at 12:52, and transits at 21:10. It is visible in the evening sky.

Saturn is in Libra with a magnitude of +0.5 and a diameter of 17". It rises at 01:16, transits at 05:50, and sets at 10:24. It is visible in the morning sky.

Uranus is in Pisces with a magnitude of +5.9 and a diameter of 3". It rises at 08:41, transits at 15:01, and sets at 21:21. It is visible in the evening sky.

Neptune is in Aquarius with a magnitude of +8.0 and a diameter of 2". It rises at 07:43, transits at 12:51, and sets at 17:59. It is currently too close to the Sun to be observed.