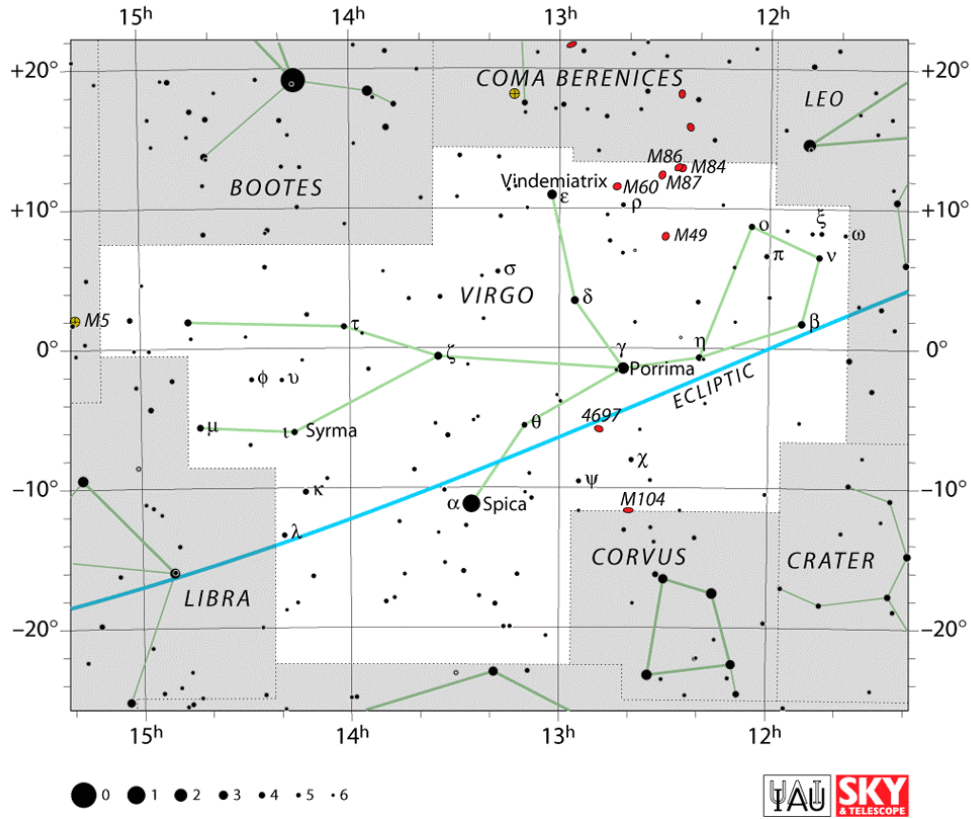


Constellation of the Month - Virgo

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

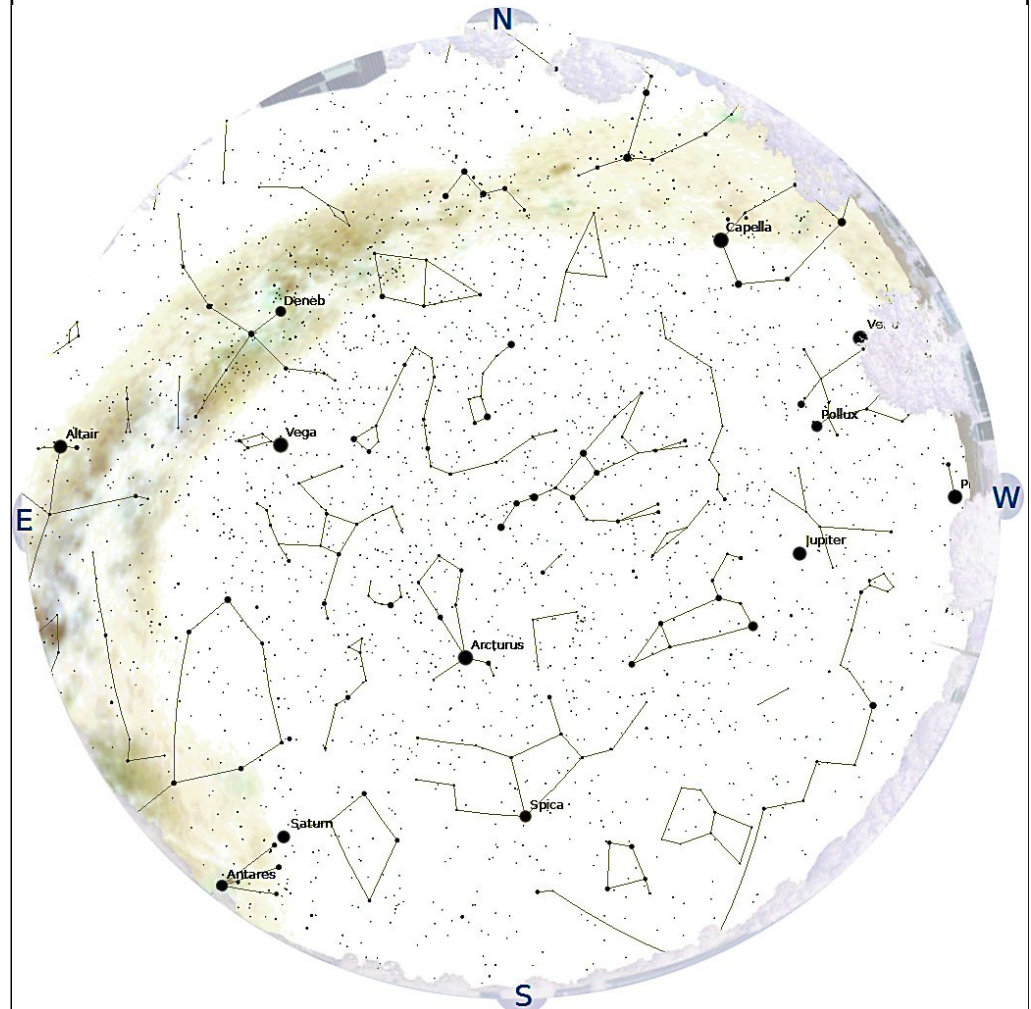
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

May 2015, no 71



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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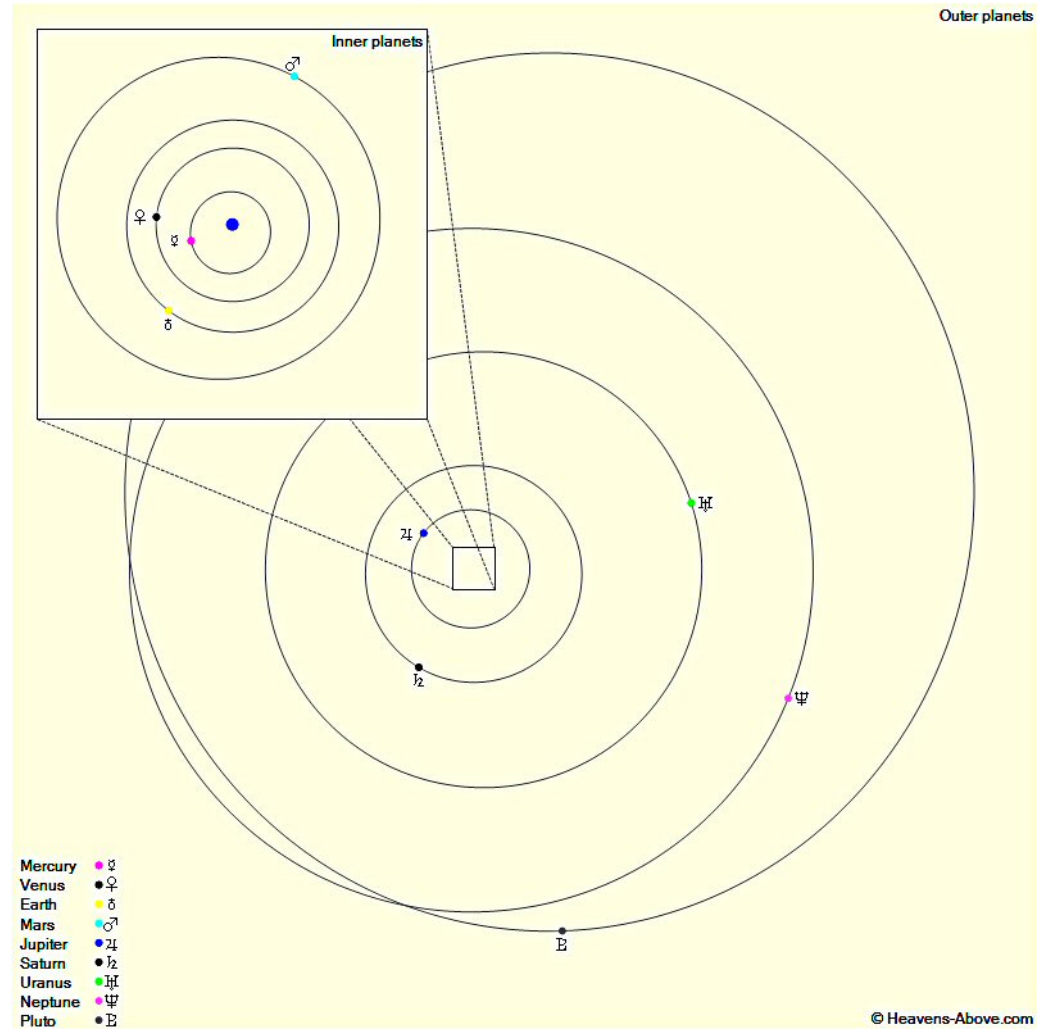
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The night sky at 23:00 U.T.C., May 15th

Event Calendar, May 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Mercury-M45 02:29 Moon A Node 10:50 Venus 42.1° E	2
3 Iridium 59, 02:55 -7.8 40° 133° ISS, -3.4 21:52:04 61° SSE	4  Full Moon 04:42	5 Eta Aquarids 13:36 Moon-Saturn 17:18 Iridium 41, 20:41 -8.3 73° 81°	6	7 Mercury East 05:59 Moon S Dec 14:39	8	9
10	11  Last Quarter 11:36	12 Iridium 32, 02:19 -8.1 48° 153°	13	14 Moon D Node 21:37	15 Moon Perigee 01:23	16
17 RADAS Monthly Meeting 19:30,	18  New Moon 05:13 Iridium 34, 03:28 -7.3 40° 115°	19	20 Moon N Dec 10:41	21 Iridium 94, 00:07 -7.8 45° 232° Iridium 95, 01:42 -8.2 53° 175°	22 ISS, -3.1 03:54:08 52° SSE Iridium 97, 03:13 -7.7 44° 122°	23 Saturn Opp 01:53
24 ISS, -3.4 03:40:56 68° S	25  First Quarter 18:19 ISS, -3.2 02:46:14 53° SSE	26 Moon Apogee 23:12 Iridium 91, 01:21 -8.3 55° 188°	27 ISS, -3.5 02:32:51 69° S ISS, -3.4 04:09:06 72° S	28 Moon A Node 15:40 ISS, -3.3 01:38:03 55° SSE ISS, -3.5 03:14:16 80° S Iridium 46, 23:35 -7.6 40° 250°	29 Venus-Pollux 18:30 ISS, -3.5 02:19:24 79° S ISS, -3.3 03:55:38 56° SSW Iridium 49, 23:30 -7.6 39° 253°	30 Mercury Infer 17:53 ISS, -3.5 01:24:31 70° S ISS, -3.5 03:00:46 71° S
31 ISS, -3.4 00:29:37 56° SSE ISS, -3.5 02:05:51 79° S ISS, -2.9 03:41:59 40° SSW ISS, -3.0 23:34:45 40° SSE Iridium 61, 02:36 -8.0 52° 142°						

The Planets, mid month.



Mercury is in Taurus with a magnitude of +1.7, a phase of 16%, and a diameter of 10". It rises at 05:51, transits at 14:17, and sets at 22:43. It is visible low in the west after sunset.

Venus is in Gemini with a magnitude of -4.2, a phase of 61%, and a diameter of 19". It sets at 00:51, rises again at 07:29, and transits at 16:10. It is visible in the evening sky.

Mars is in Taurus with a magnitude of +1.5, a phase of 100%, and a diameter of 4". It rises at 05:31, transits at 13:34, and sets at 21:38. It is currently too close to the Sun to be observed.

Jupiter is in Cancer with a magnitude of -2.0 and a diameter of 36". It sets at 02:24, rises again at 11:04, and transits at 18:42. It is visible in the evening sky.

Saturn is in Libra with a magnitude of +0.1 and a diameter of 18". It transits at 01:38, sets at 05:59, and rises again at 21:13. 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 04:06, transits at 10:43, and sets at 17:21. It is visible in the morning sky.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It rises at 03:03, transits at 08:20, and sets at 13:37. It is visible in the morning sky.