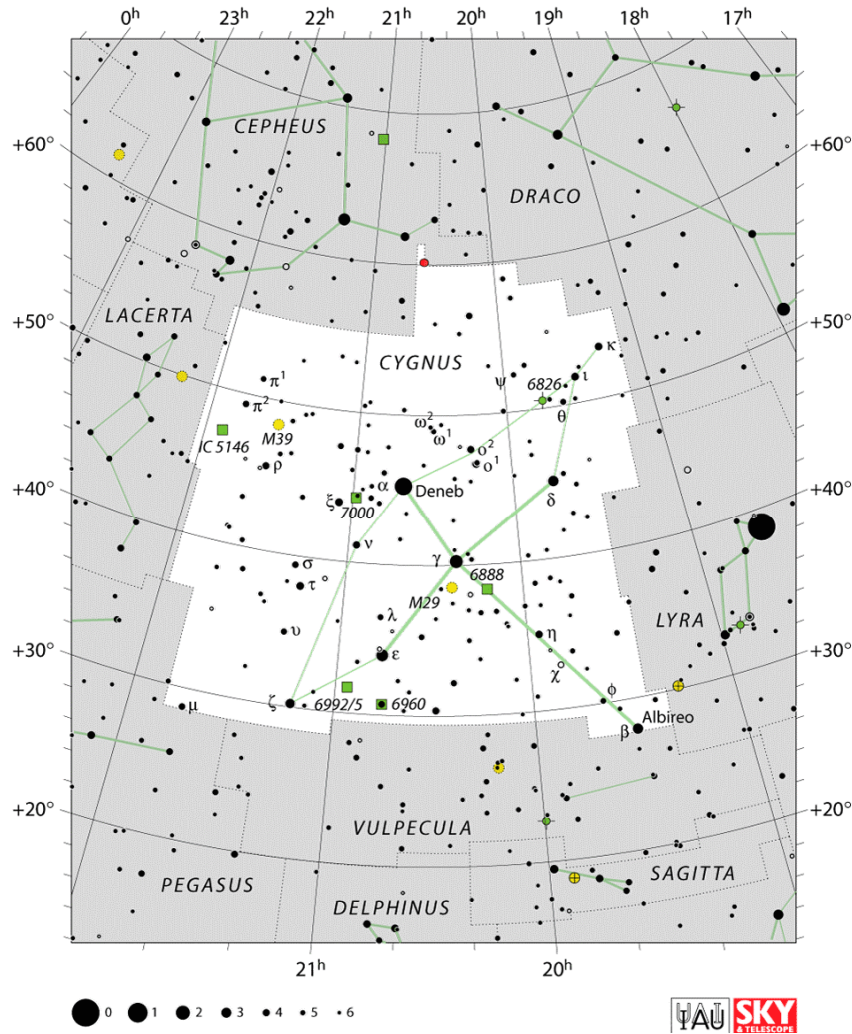


Constellation of the Month - Cygnus

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

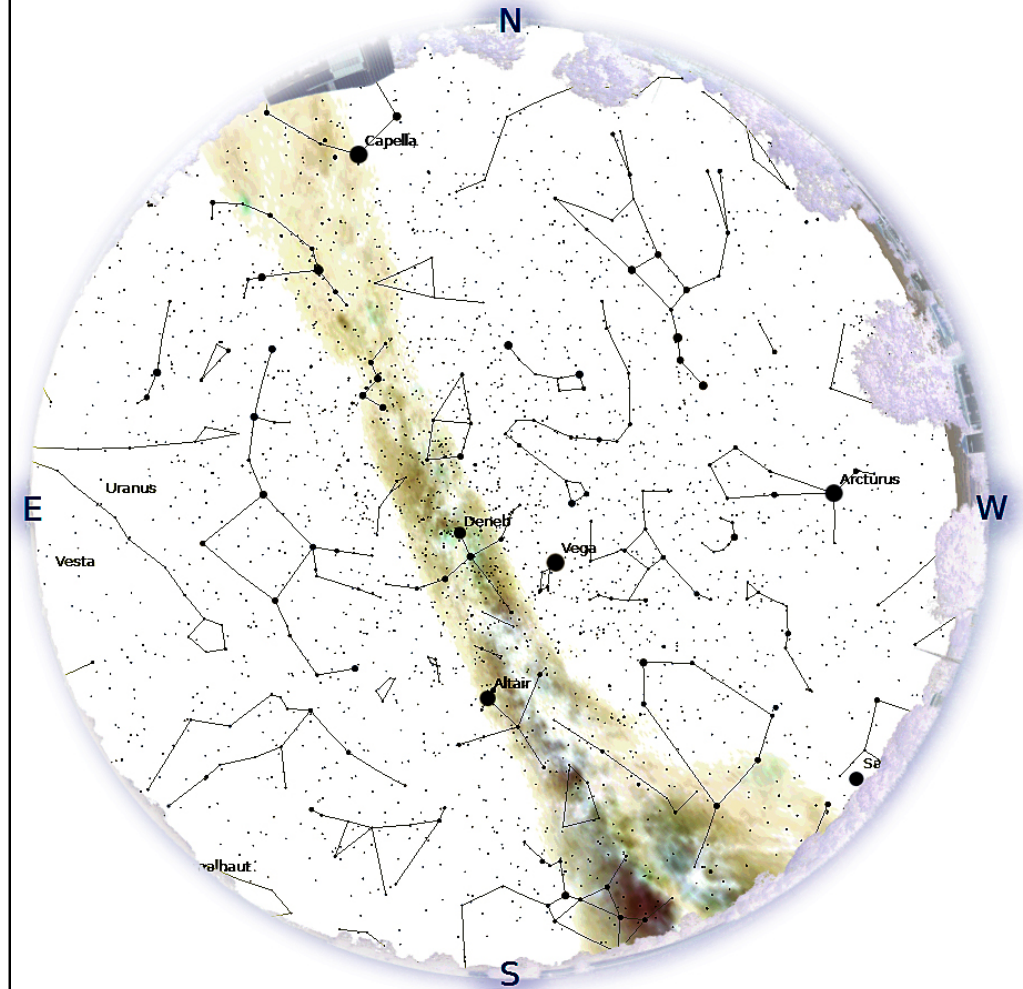
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

Aug 2015, no 74



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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


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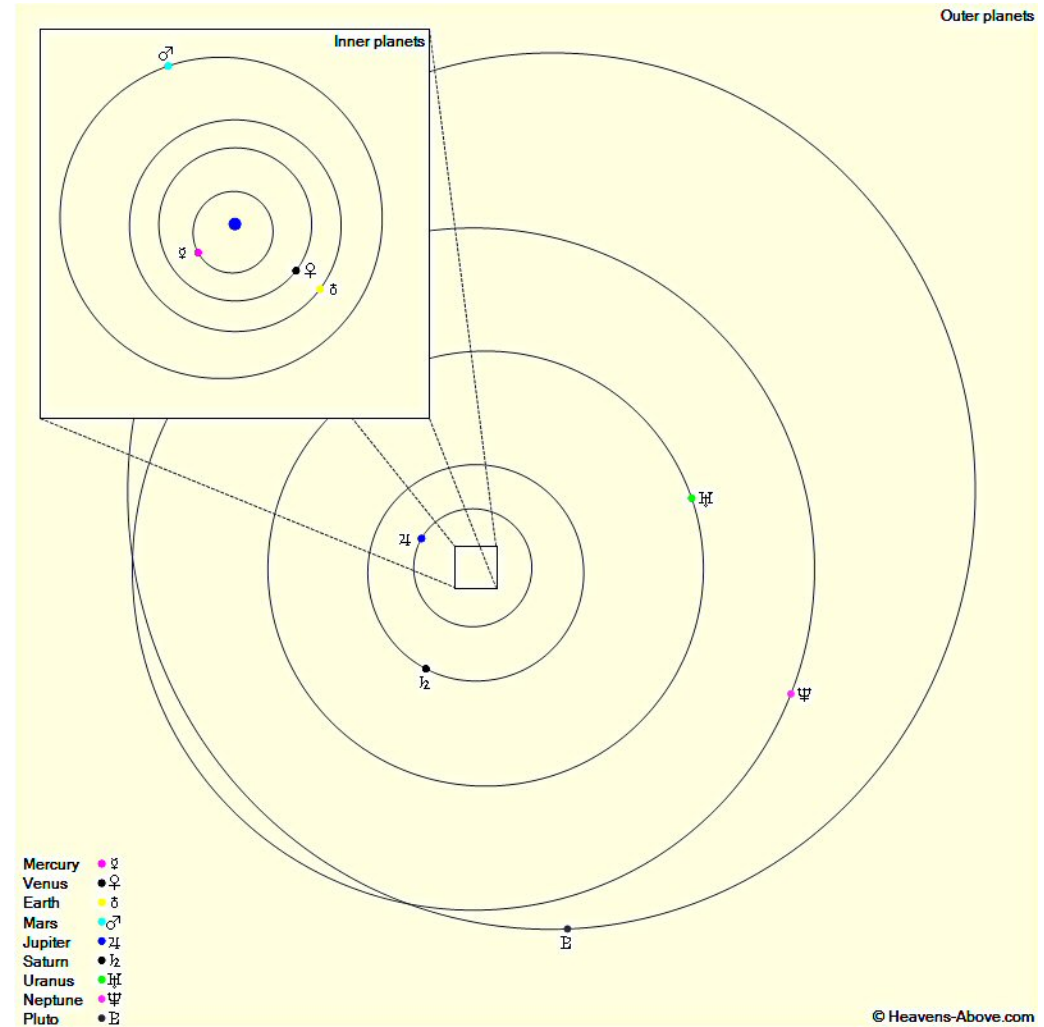
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The night sky at 23:00 U.T.C., August 15th

Event Calendar, August 2015

Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
1 Venus 21.5° E	2 Moon Perigee 11:11 ISS -3.5 00:06:38 74° S ISS -3.4 23:12:50 62° SSE Iridium 35, 21:35:11 -6.2 23° 346°	3 ISS -3.1 22:19:02 46° SSE ISS -3.5 23:55:18 81° S	4 Moon D Node 03:53 ISS -3.5 23:01:24 76° S Iridium 52 23:41:01 -7.3 33° 251°	5 ISS -3.4 22:07:30 64° SSE ISS -3.5 23:43:48 76° S	6 ISS -3.5 22:49:50 80° S	 7 Last Quarter 03:03 Mercury-Reg. 18:25 ISS -3.4 21:55:50 77° S ISS -3.4 23:32:06 62° SSW
8 ISS -3.5 22:38:07 74° S	9 Moon-Aldeb 00:22 ISS -3.4 21:44:02 80° S Iridium 13 23:28:33 -6.8 26° 261°	10 Moon N Dec 12:11 ISS -3.3 22:26:13 59° SSW	11 ISS -3.3 21:32:05 73° S Iridium 84 23:26:18 -6.7 23° 265°	12	13 Perseids 07:17 ISS -3.1 21:19:58 57° SSW	 14 New Moon 15:54 Iridium 84 23:26:36 -6.3 17° 272°
15 Venus Infer 20:19 Iridium 13 23:28:55 -6.2 16° 275°	16 Moon-Mercury 15:34 R&DAS Monthly Meeting 7:30 p.m. Iridium 56 23:32:16 -6.0 14° 277°	17	18 Moon A Node 00:05 Moon Apogee 03:33	19	20 Mars-M44 04:35	21
 22 Moon-Saturn 18:21 First Quarter 20:31 Iridium 90 21:42:28 -6.1 19° 352° Iridium 50 21:46:57 -6.0 17° 352°	23 R&DAS Jodrell Bank Trip 9:00 a.m. Iridium 80 00:03:15 -7.3 29° 237°	24 Iridium 75 22:52:04 -6.7 24° 40°	25 Moon S Dec 04:44	26 Jupiter Sun 22:04 Iridium 50 21:12:22 -6.2 26° 352°	27	28 Iridium 39 23:53:38 -6.8 20° 249°
 29 Full Moon 19:35	30 Moon Perigee 16:24	31 Moon D Node 11:16				

The Planets, mid month.



Mercury is in Leo with a magnitude of -0.2, a phase of 79%, and a diameter of 6". It rises at 07:46, transits at 14:28, and sets at 21:09. It is visible low in the west after sunset.

Venus is in Leo with a magnitude of -3.9, a phase of 1%, and a diameter of 58". It rises at 06:25, transits at 13:01, and sets at 19:37. It is currently too close to the Sun to be observed.

Mars is in Cancer with a magnitude of +1.7, a phase of 99%, and a diameter of 4". It rises at 04:00, transits at 11:58, and sets at 19:56. It is visible low in the east before sunrise.

Jupiter is in Leo with a magnitude of -1.7 and a diameter of 31". It rises at 06:37, transits at 13:44, and sets at 20:50. It is currently too close to the Sun to be observed.

Saturn is in Libra with a magnitude of +0.5 and a diameter of 17". It rises at 14:52, transits at 19:16, and sets at 23:41. It is visible in the evening sky.

Uranus is in Pisces with a magnitude of +5.8 and a diameter of 4". It transits at 04:48, sets at 11:29, and rises again at 22:03. It is visible in the morning sky.

Neptune is in Aquarius with a magnitude of +7.8 and a diameter of 2". It transits at 02:16, sets at 07:31, and rises again at 20:56. It is well placed for observation throughout the night.