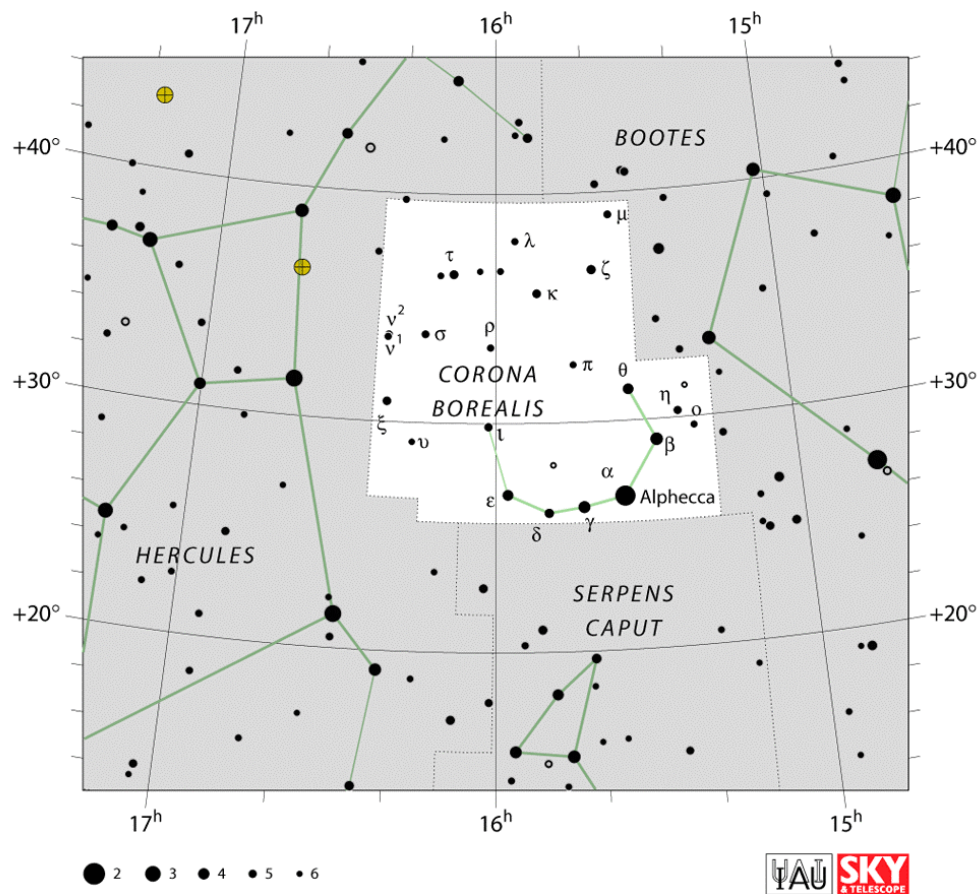


Constellation of the Month - Corona Borealis

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

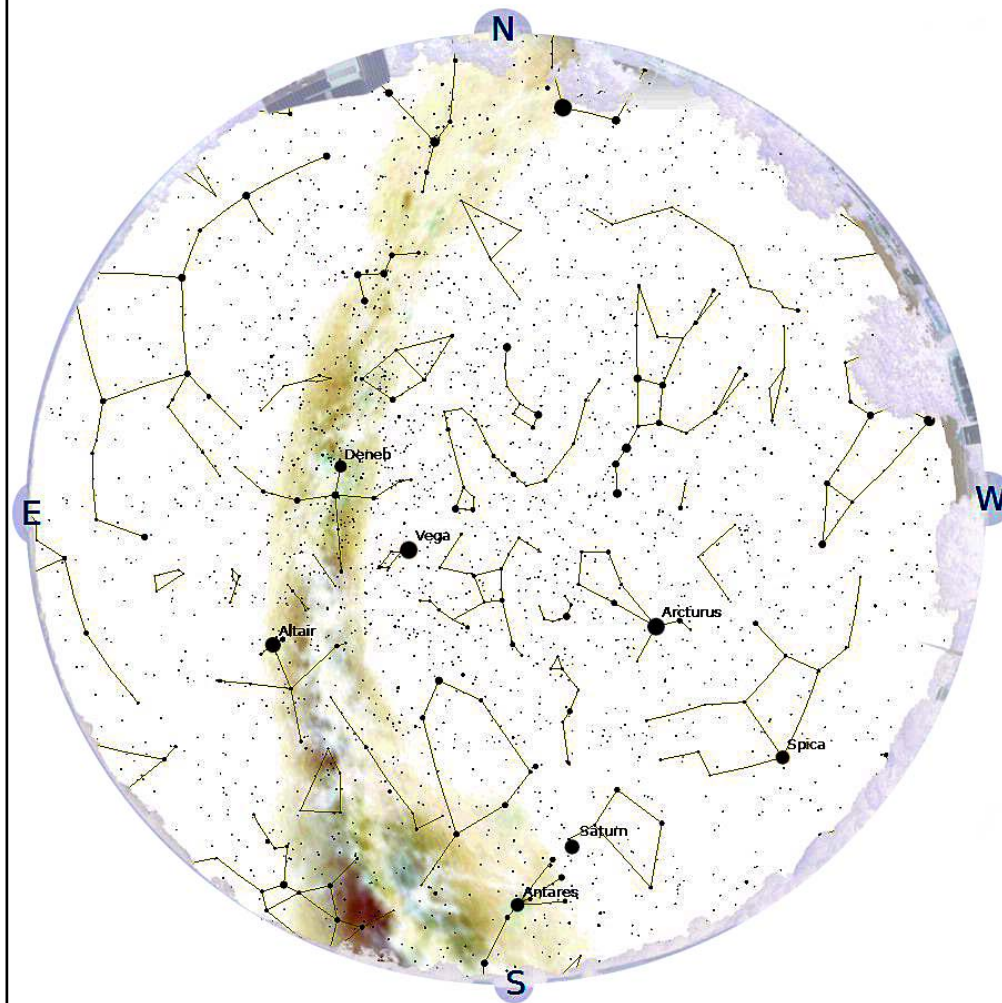
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

June 2015, no 72



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

Rugby & District Astronomical Society

www.rugbyastro.org.uk

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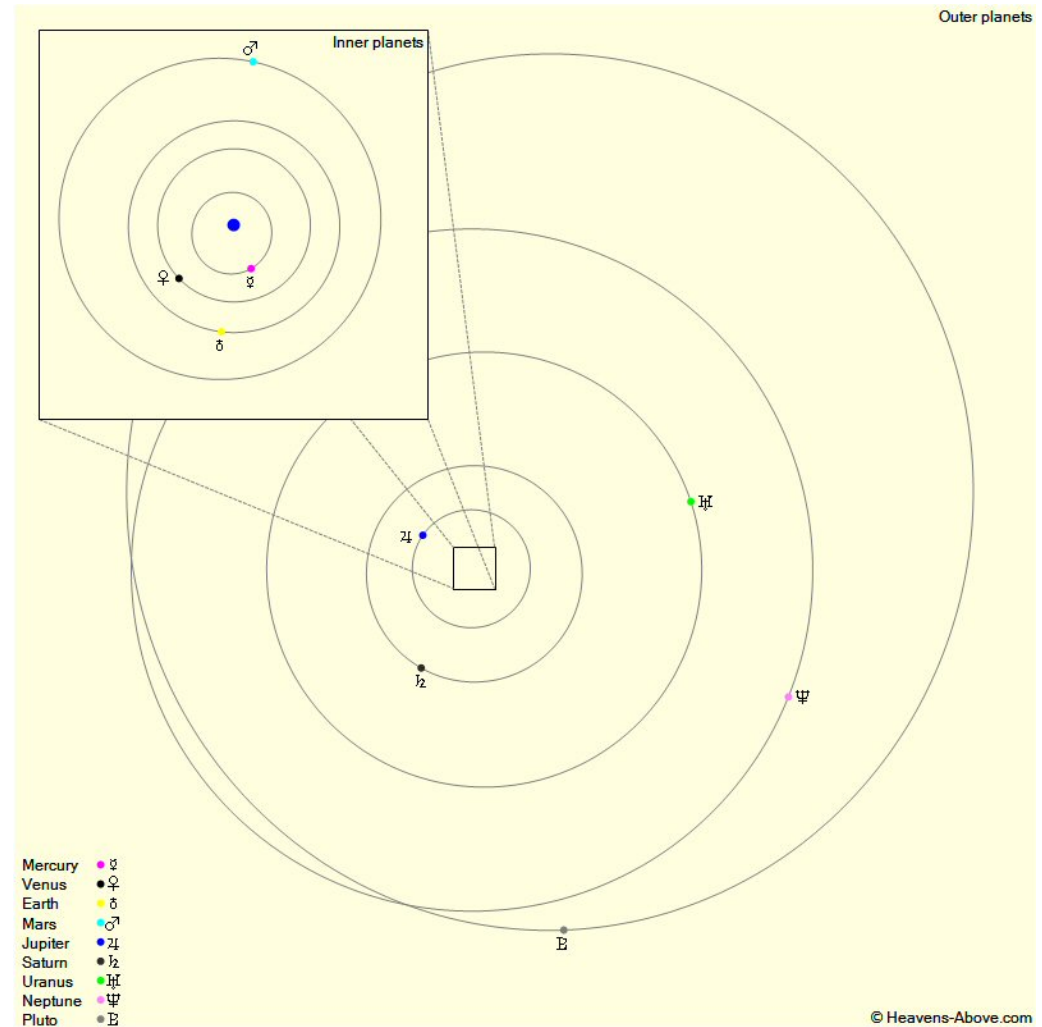
Phone 07739-716383

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Event Calendar, June 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
31	1 Venus 45.3° E Moon-Saturn 21:02	2 Full Moon 17:19 ISS, -3.5 23:36:42 64° SSE Iridium 3, 23:15 -7.2 36° 261°	3 Moon S Dec 22:10 ISS, -3.2 22:49:19 49° SSE	4 ISS, -3.5 23:24:05 77° S	5 ISS, -3.4 22:29:37 66° S	6 Venus East 19:59 ISS, -3.5 23:11:23 80° S
7 ISS, -3.4 22:16:50 78° S ISS, -3.4 23:53:06 60° SSW	8 ISS, -3.4 22:58:33 73° S	9 Last Quarter 16:42	10 Moon Perigee 05:39 ISS, -3.3 22:45:34 59° SSW	11 Moon D Node 00:29	12	13 Venus-M44 09:59 Iridium 25, 22:46 -6.3 23° 285°
14 Mars Sun 15:39	15	16 New Moon 15:05 Moon N Dec 20:47	17	18 Iridium 91, 23:41 -7.6 43° 250°	19	20 Moon-Venus 12:28
21 Summer Sol 17:38 RADAS Monthly Meeting 19:30 Iridium 19, 01:05 -8.3 57° 203°	22	23 Mercury-Aldeb. 10:39 Moon Apogee 18:01	24 First Quarter 12:03 Mercury West 17:59 Moon A Node 18:23	25	26	27
28	29 Moon-Saturn 02:27	30	1	2	3	4

The Planets, mid month.



Mercury is in Taurus with a magnitude of +1.6, a phase of 18%, and a diameter of 10". It rises at 04:11, transits at 11:47, and sets at 19:24. It is visible low in the east before sunrise.

Venus is in Cancer with a magnitude of -4.3, a phase of 44%, and a diameter of 26". It sets at 00:18, rises again at 08:23, and transits at 16:20. 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 04:39, transits at 13:04, and sets at 21:30. It is currently too close to the Sun to be observed.

Jupiter is in Leo with a magnitude of -1.9 and a diameter of 33". It sets at 00:31, rises again at 09:26, and transits at 16:57. It is visible in the evening sky.

Saturn is in Libra with a magnitude of +0.1 and a diameter of 18". It sets at 03:50, rises again at 18:59, and transits at 23:23. 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 02:06, transits at 08:46, and sets at 15:26. 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 01:01, transits at 06:19, and sets at 11:37. It is visible in the morning sky.