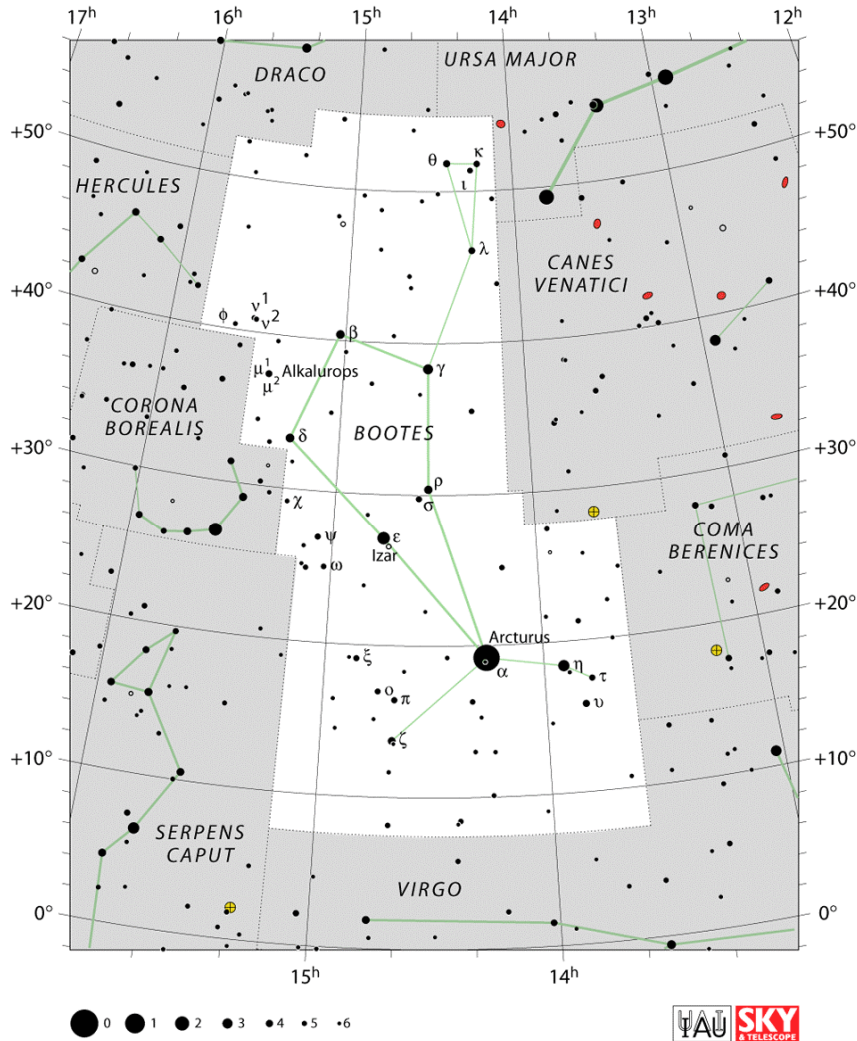


Constellation of the Month - Bootes

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

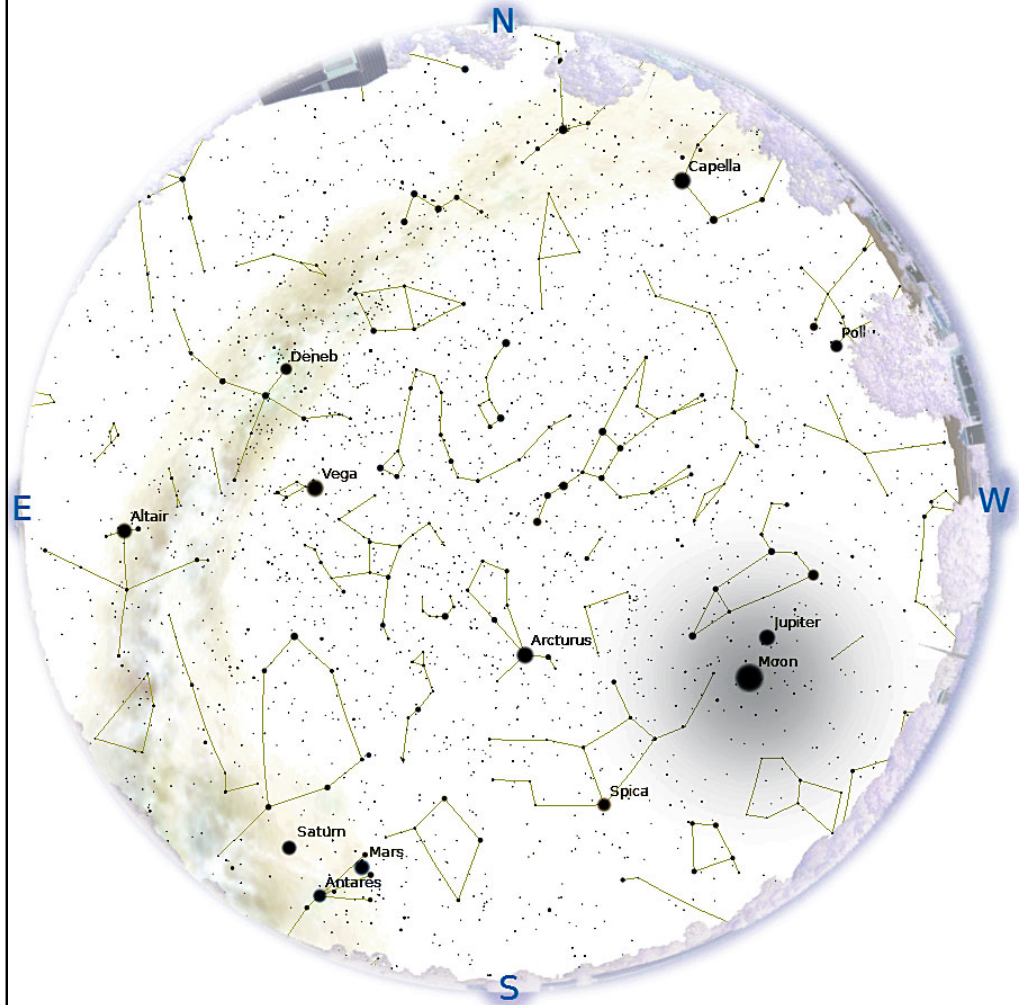
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

May 2016, no 82



Rugby & District Astronomical Society

www.rugbyastro.org.uk

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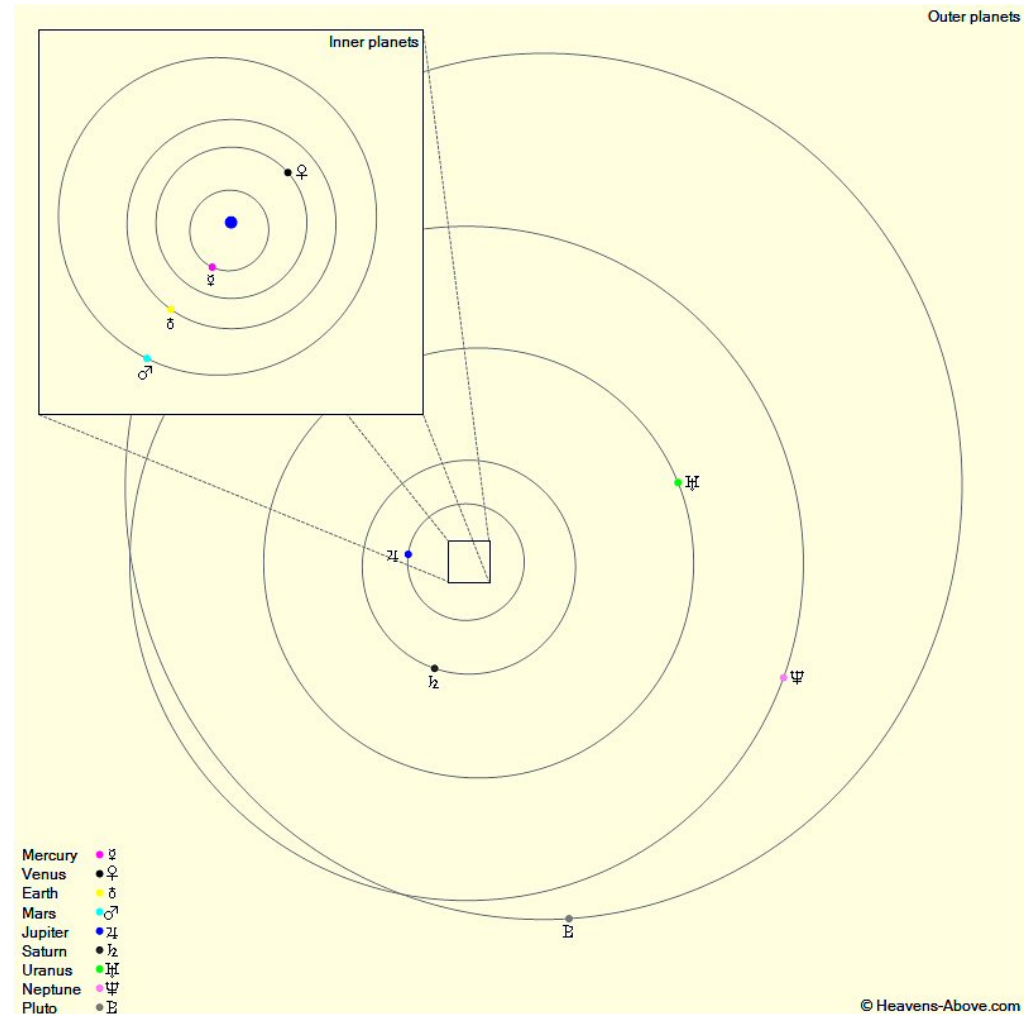
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The night sky at 23:00 U.T.C., May 15th 2016

2016 May

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Venus 9.8° W ISS, -3.1, 13:33, 31°, NE	2	3 Moon D Node 02:27 Iridium 54 19:54, -5.8, 10°, 6° (N)	4 Eta Aquarids 19:45 Iridium 83 19:47, -4.3, 13°, 7° (N)	5	6  6 Moon Perigee 05:14 New Moon 20:30	7
8 Moon-Aldeb 09:21	9 Mercury Infer 16:10 Moon N Dec 22:54 Iridium 53 19:24, -6.8, 22°, 2° (N)	10	11	12	13  13 First Quarter 18:02	14 Moon-Regulus 08:06
15 Moon-Jupiter 10:30 Moon A Node 21:39 R&DAS meeting 7:30 Church Lawford	16	17	18 Moon Apogee 23:06	19	20	21  21 Full Moon 22:15
22 Mars Opp 12:15 Moon-Saturn 22:59	23	24 Moon S Dec 12:16 ISS, -3.0, 19:07, 44°, SSE	25	26	27	28
29  29 Last Quarter 13:12 Iridium 98 19:46, -5.8, 9°, 358° (N)	30 Moon D Node 05:45	31				

The Planets, mid month.



Mercury is in Aries with a magnitude of +3.8, a phase of 4%, and a diameter of 12". It rises at 05:00, transits at 12:22, and sets at 19:43. It is visible low in the east before sunrise.

Venus is in Aries with a magnitude of -3.9, a phase of 99%, and a diameter of 10". It rises at 05:01, transits at 12:39, and sets at 20:18. It is currently too close to the Sun to be observed.

Mars is in Scorpius with a magnitude of -1.9, a phase of 100%, and a diameter of 18". It transits at 01:36, sets at 05:35, and rises again at 21:31. It is well placed for observation throughout the night.

Jupiter is in Leo with a magnitude of -2.1 and a diameter of 39". It sets at 03:13, rises again at 13:42, and transits at 20:26. It is visible in the evening sky.

Saturn is in Ophiuchus with a magnitude of +0.1 and a diameter of 18". It transits at 02:22, sets at 06:28, and rises again at 22:11. 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 04:05, transits at 10:51, and sets at 17:37. 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 03:00, transits at 08:22, and sets at 13:43. It is visible in the morning sky.