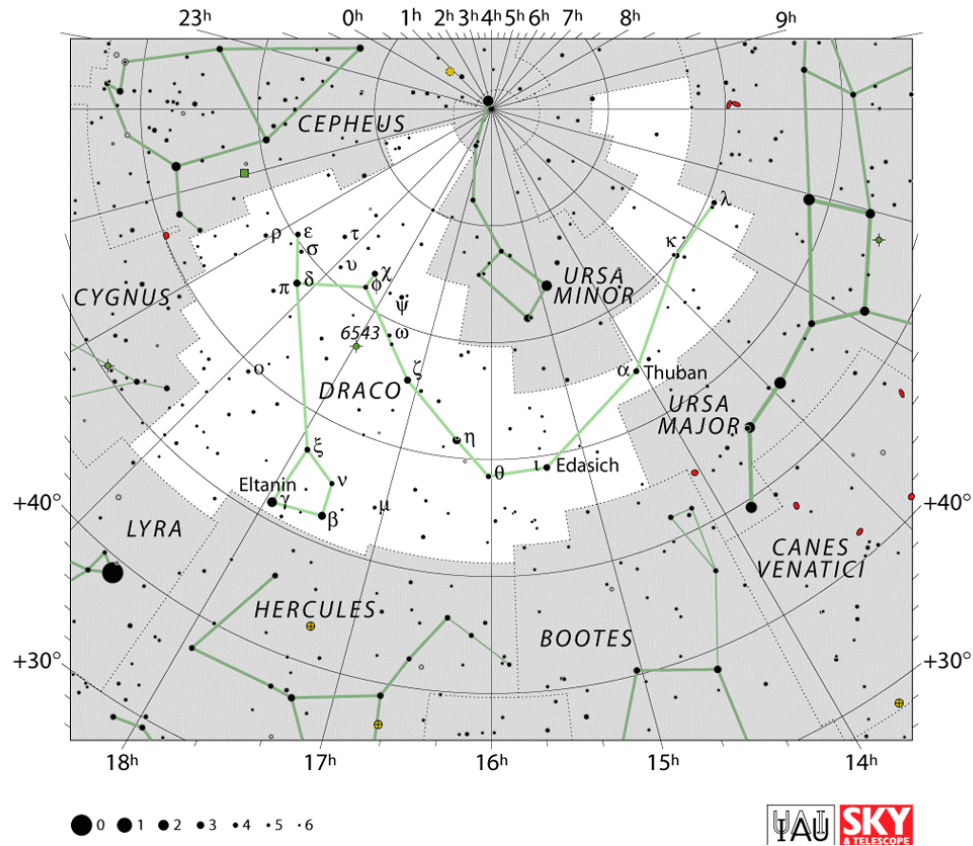


Constellation of the Month - Draco

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

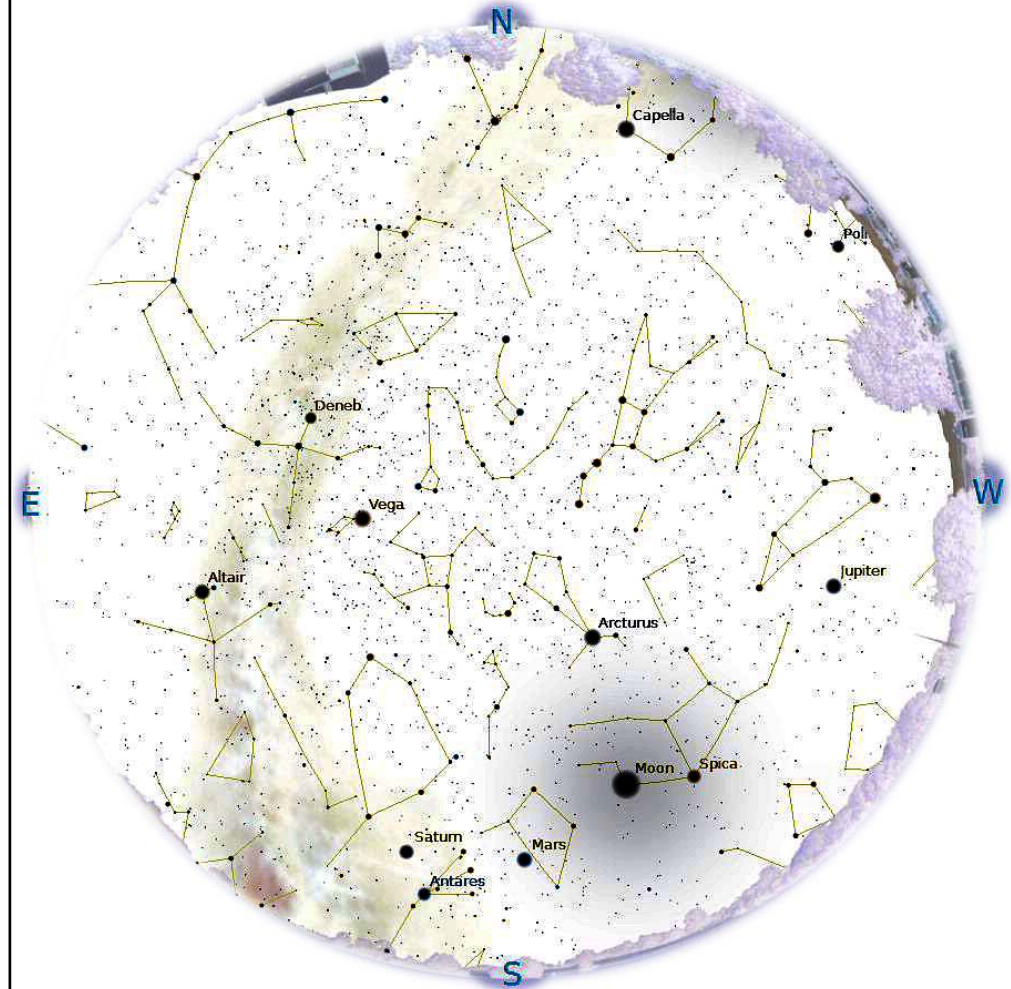
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

Jun 2016, no 83



Rugby & District Astronomical Society

www.rugbyastro.org.uk





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Email rugby-Astro@hotmail.co.uk

Phone 07739-716383
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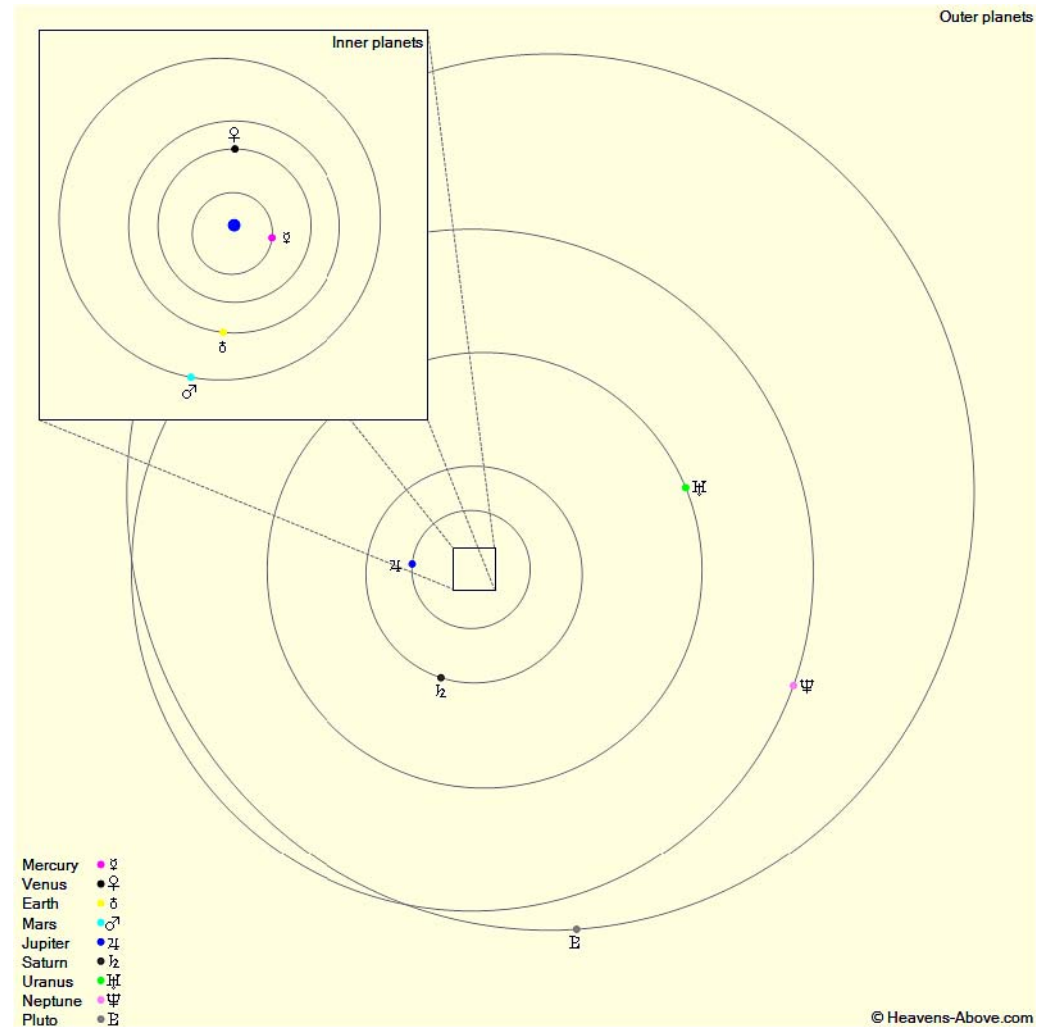
The night sky at 23:00 U.T.C., June 15th 2016

2016 June

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Venus 1.5° W	2	3 Saturn Opp 06:43 Moon-Mercury 10:47 Moon Perigee 11:55	4
 5 New Moon 04:00 Mercury West 09:59	6 Moon N Dec 10:13 Venus Super 22:34	7	8	9	10 Moon-Regulus 15:47	11 Moon-Jupiter 20:35 Moon A Node 23:20
 12 First Quarter 09:10	13 Mercury-M45 11:06	14	15 Moon Apogee 13:00	16	17	18
19 Moon-Saturn 01:40 Mercury-Aldeb. 04:39 R&DAS meeting 7:30 Church Lawford	 20 Full Moon 12:02 Moon S Dec 19:52 Summer Sol 23:35	21	22	23	24	25
26 Moon D Node 06:28	 27 Last Quarter 19:19	28	29	30		

Sky Events Calendar by Fred Espenak and Sumit Dutta (NASA's GSFC)
ISS, Iridium Data and Solar System Map courtesy of Heavens-Above (www.heavens-above.com)

The Planets, mid month.



Mercury is in Taurus with a magnitude of -0.2, a phase of 60%, and a diameter of 7". It rises at 03:49, transits at 11:36, and sets at 19:25. It is visible low in the east before sunrise.

Venus is in Taurus with a magnitude of -3.9, a phase of 100%, and a diameter of 10". It rises at 04:52, transits at 13:16, and sets at 21:41. It is currently too close to the Sun to be observed.

Mars is in Libra with a magnitude of -1.7, a phase of 97%, and a diameter of 18". It sets at 03:01, rises again at 18:48, and transits at 22:53. It is well placed for observation throughout the night.

Jupiter is in Leo with a magnitude of -2.0 and a diameter of 36". It sets at 01:18, rises again at 11:56, and transits at 18:35. 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 00:15, sets at 04:22, and rises again at 20:02. 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 02:10, transits at 08:58, and sets at 15:46. 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 01:03, transits at 06:24, and sets at 11:46. It is visible in the morning sky.