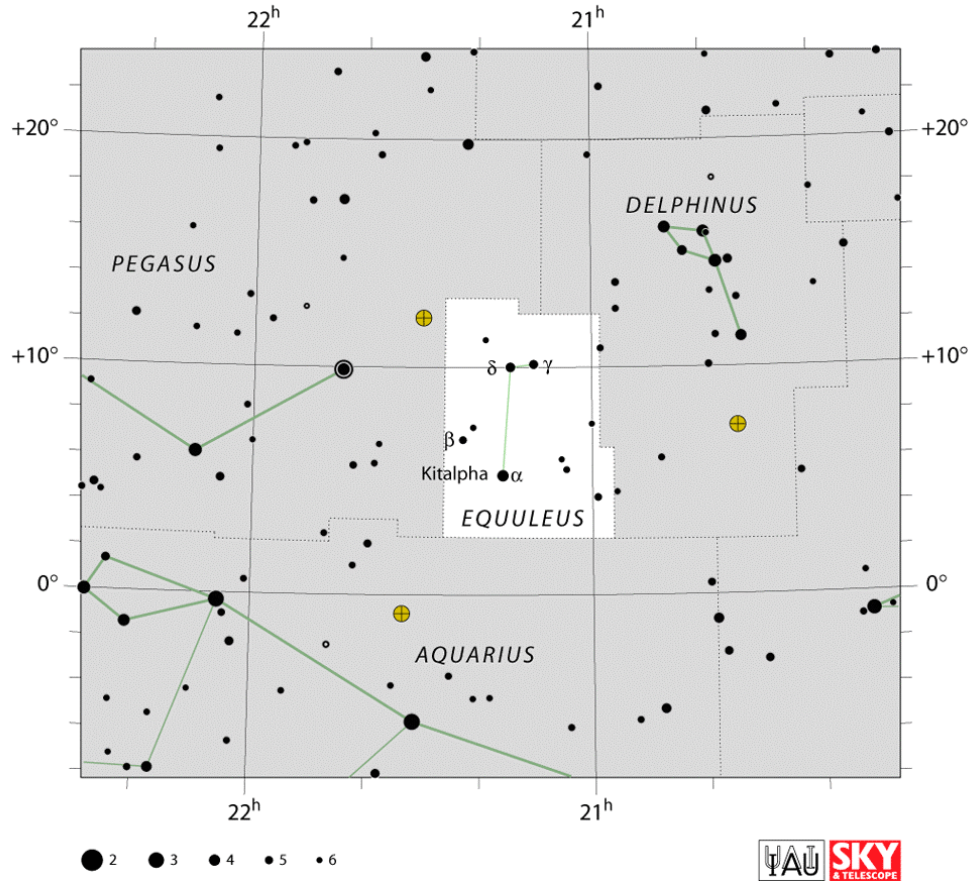


Constellation of the Month - Equuleus

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

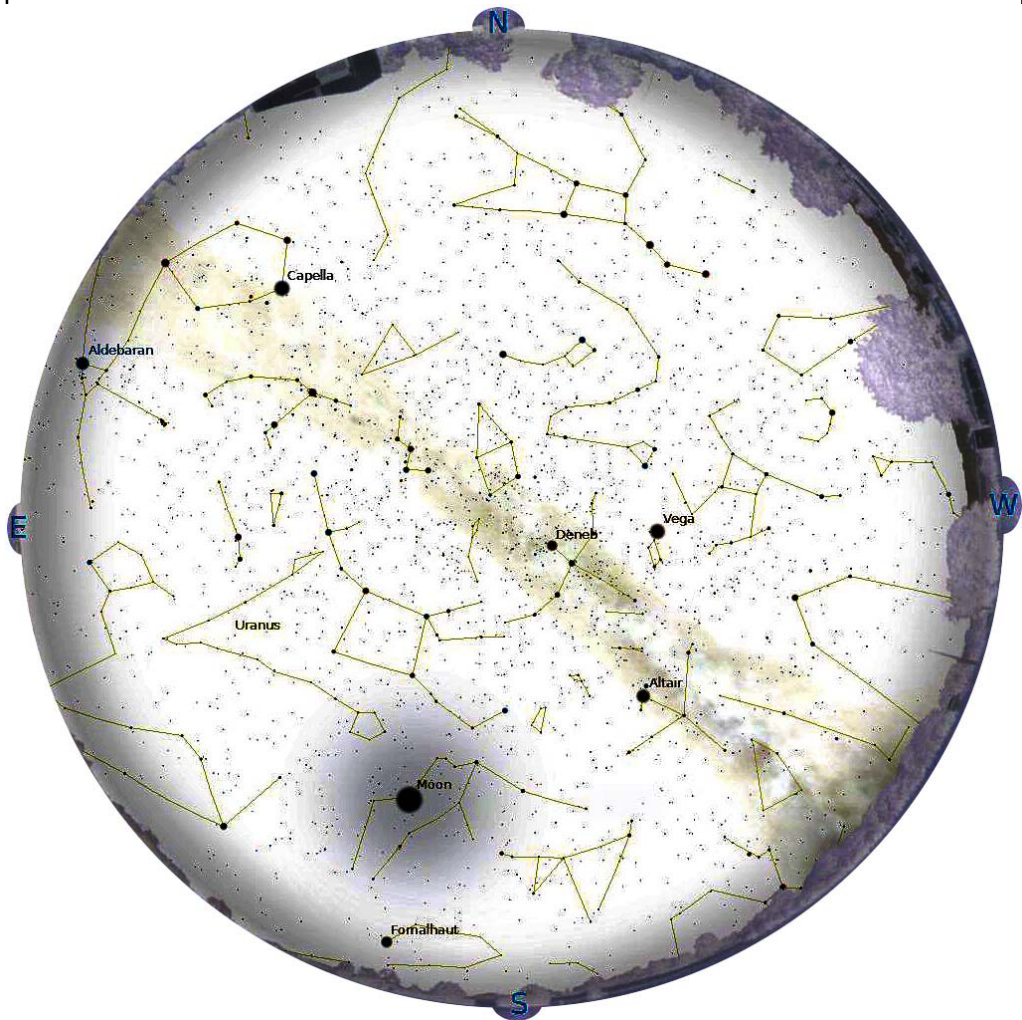
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



Rugby & District Astronomical Society

Sky Notes

by Chris Longthorn *September 2016, no 86*



Rugby & District Astronomical Society **www.rugbyastro.org.uk**

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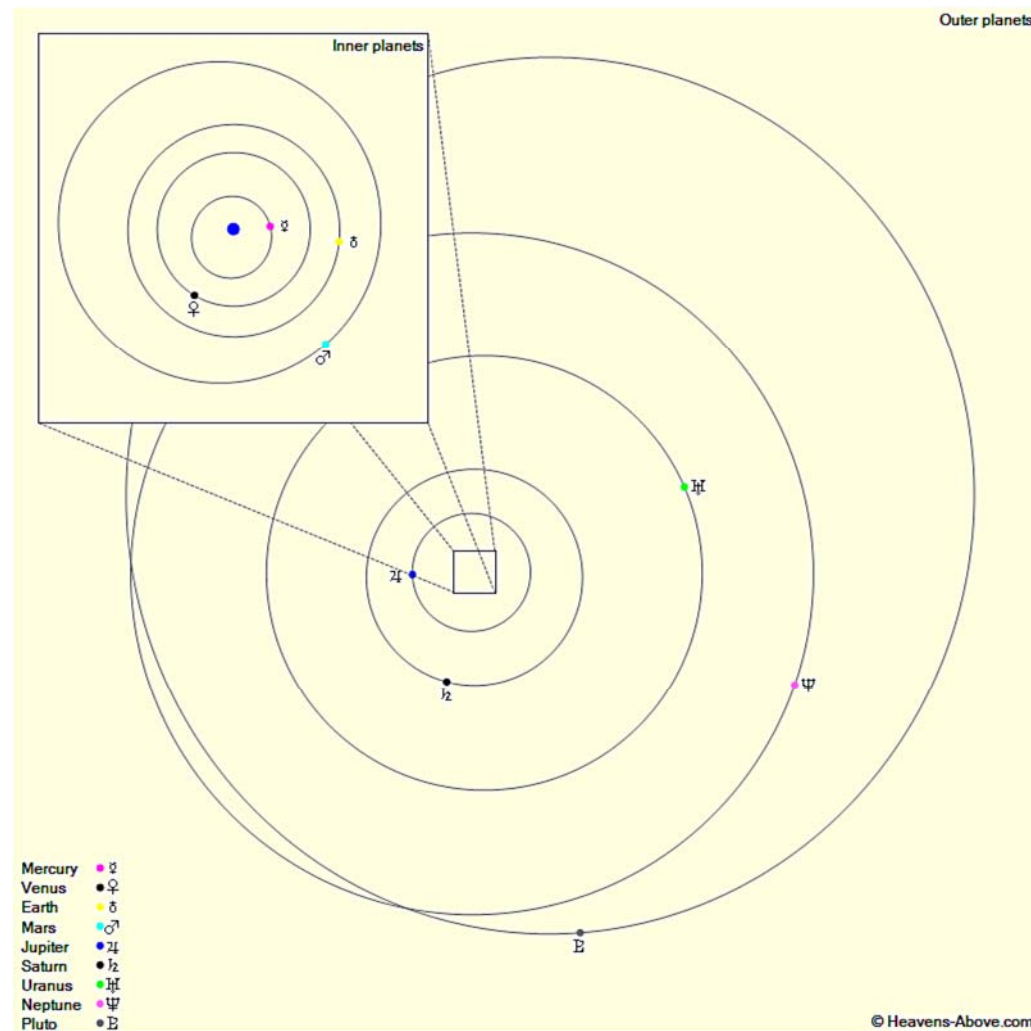
Email rugby-Astro@hotmail.co.uk Phone 07739-716383
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The night sky at 23:00 U.T.C., September 15th 2016

2016 September

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 New Moon 10:03 Ann Solar Ec 10:08 Venus 23.5° E Moon A Node 16:27	2 Neptune Opp 16:16	3 Moon-Venus 11:33
4 Iridium 80 22:19, -5.5, 34°, 56° (ENE) Iridium 39 22:20, -5.1, 34°, 58° (ENE)	5 Sat-Antares 01:03 Iridium 81 22:13, -5.5, 35°, 59° (ENE)	6 Moon Apogee 19:44	7	8 Moon-Saturn 22:23	9 First Quarter 12:49 Iridium 41 21:58, -6.2, 40°, 66° (ENE)	10 Moon S Dec 23:05
11	12	13 Mercury Infer 00:38	14 Iridium 15 21:38, -6.0, 45°, 76° (ENE)	15	16 Moon D Node 00:55 Pen Lunar Ec 19:56 Full Moon 20:05	17
18 Venus-Spica 16:12 Moon Perigee 18:00 R&DAS meet- ing 7:30 Church Law- ford	19	20 Iridium 18 21:11, -8.2, 50°, 90° (E)	21 Moon-Aldeb 23:13	22 Autumn Eq 15:21	23 Last Quarter 10:56 Moon N Dec 17:44 Iridium 86 19:17, -8.2, 62°, 169° (S)	24
25	26 Jupiter Sun 07:19 Iridium 82 20:44, -8.1, 53°, 105° (ESE)	27 Moon-Regulus 23:32	28 Mercury West 19:59 Moon A Node 23:06	29 ISS, -0.5, 21:04, 11°, SSW	30 ISS, -1.6, 20:13, 19°, SSE	

The Planets, mid month.



Mercury is in Leo with a magnitude of +3.9, a phase of 2%, and a diameter of 10". It rises at 06:30, transits at 12:43, and sets at 18:58. It is currently too close to the Sun to be observed.

Venus is in Virgo with a magnitude of -3.9, a phase of 89%, and a diameter of 11". It rises at 09:21, transits at 14:46, and sets at 20:09. It is visible low in the west after sunset.

Mars is in Ophiuchus with a magnitude of -0.1, a phase of 85%, and a diameter of 10". It rises at 15:34, transits at 18:57, and sets at 22:19. It is visible in the evening sky.

Jupiter is in Virgo with a magnitude of -1.7 and a diameter of 31". It rises at 07:31, transits at 13:37, and sets at 19:42. It is currently too close to the Sun to be observed.

Saturn is in Ophiuchus with a magnitude of +0.5 and a diameter of 16". It rises at 14:04, transits at 18:07, and sets at 22:09. It is visible in the evening sky.

Uranus is in Pisces with a magnitude of +5.7 and a diameter of 4". It transits at 03:01, sets at 09:51, and rises again at 20:07. It is well placed for observation throughout the night.

Neptune is in Aquarius with a magnitude of +7.8 and a diameter of 2". It transits at 00:21, sets at 05:38, and rises again at 19:01. It is well placed for observation throughout the night.