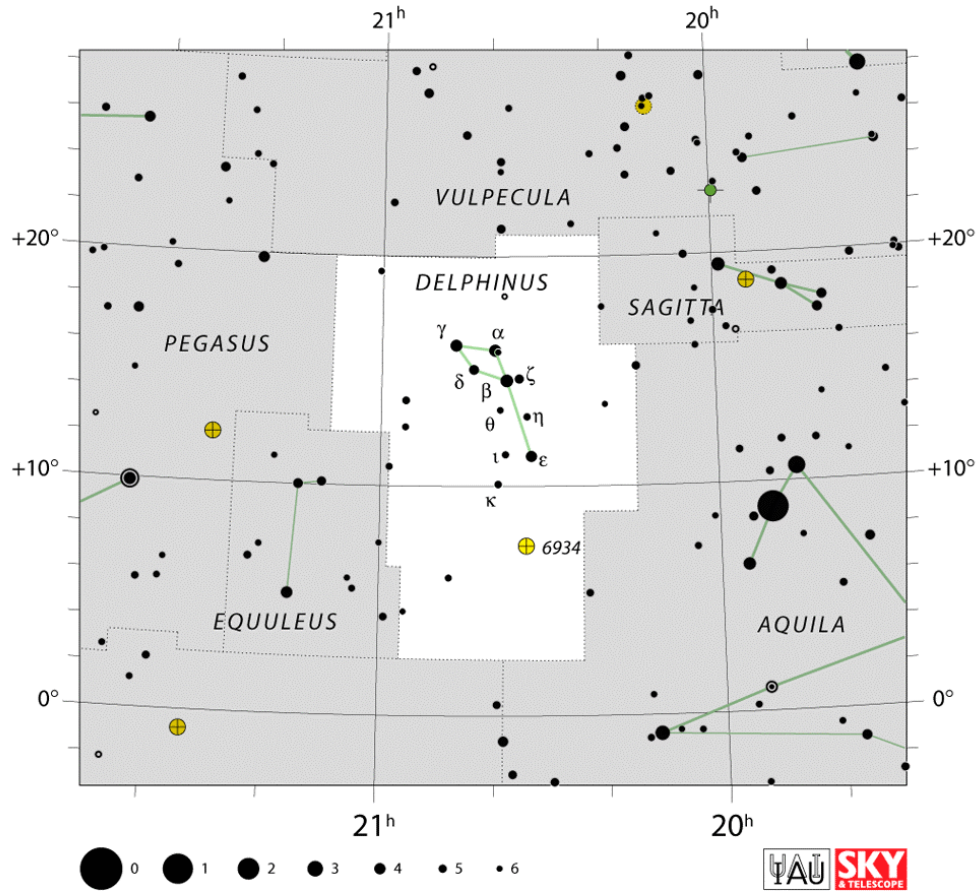


Constellation of the Month - Delphinus

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

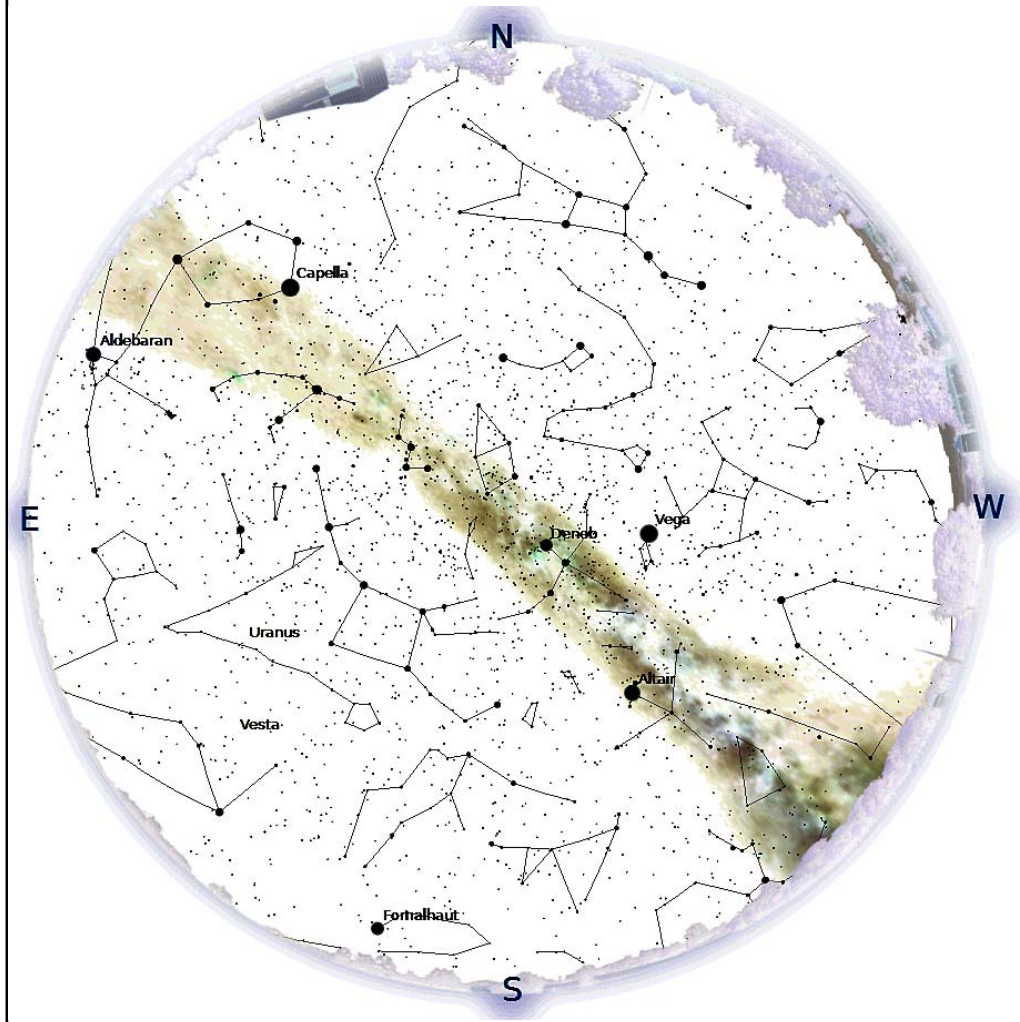
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

Sep 2015, no 75



The night sky at 23:00 U.T.C., September 15th 2015

Rugby & District Astronomical Society

www.rugbyastro.org.uk





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Speakers Secretary:	Chris Longthorn	Sky Notes	Chris Longthorn

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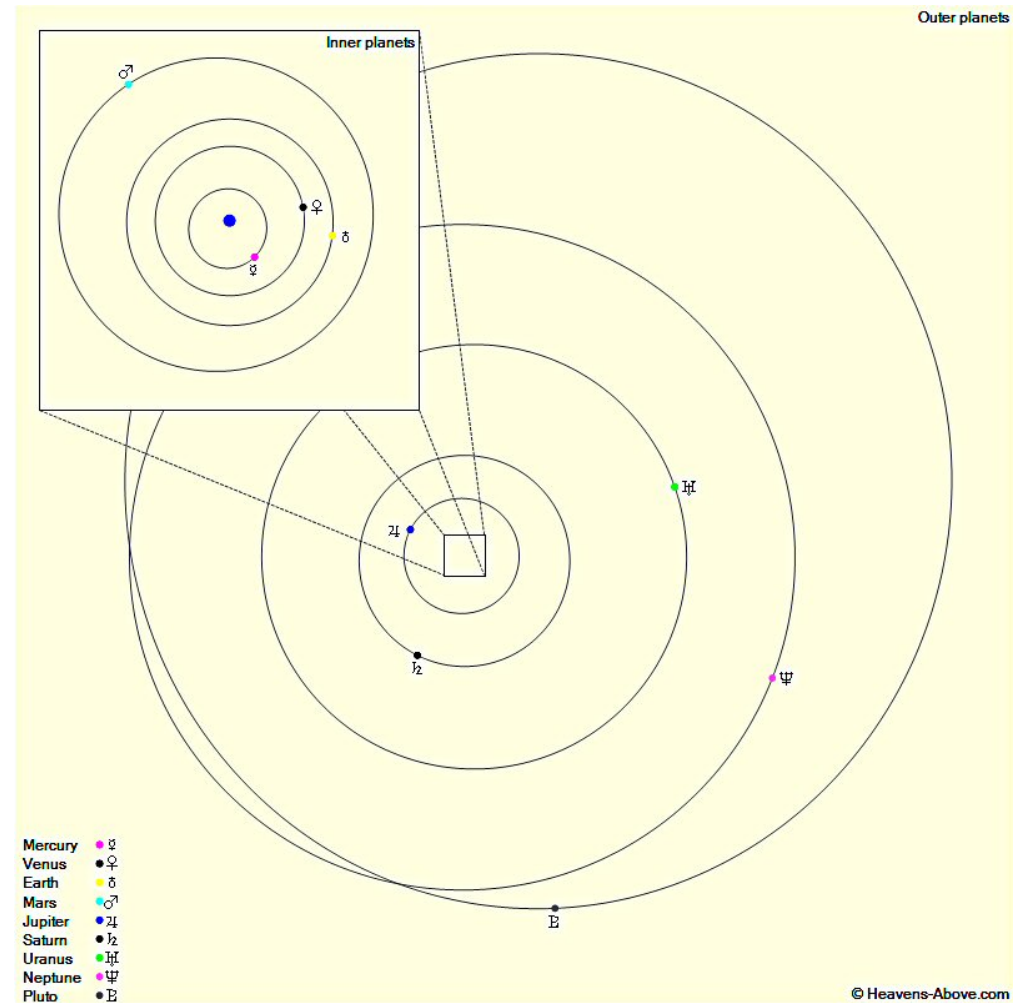
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2015 September

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 Neptune Opp 03:12 Venus 25° W	2 Iridium 67,22:17:25 - 6.1 36° 57°	3 Iridium 84 23:26:18 -6.7 23° 265°	4 Mercury East 10:59	5  Moon-Aldeb 06:09 Last Quarter 10:54
6 Moon N Dec 18:06	7 Iridium 70, 21:56:35 -7.8 41° 67°	8	9	10 Moon-Venus 06:53	11	12
13  New Moon 07:41 Par Solar Ec 07:55	14 Moon A Node 05:38 Moon Apogee 12:28	15	16	17	18	19 Moon-Saturn 03:54 Iridium 66, 21:02:23 -8.2 53° 94°
20 R&DAS Monthly Meeting 7:30 p.m.	21  First Quarter 09:59 Moon S Dec 13:02 Iridium 39, 20:37:58 -7.2 31° 1°	22	23 Autumn Eq 09:20	24 Mars-Reg. 20:38	25 Iridium 14, 20:35:30 -8.3 56° 110°	26
27 Moon D Node 22:04	28  Moon Perigee 02:46 Total Lun Ec 03:48 Full Moon 03:50	29	30 Mercury Infer 15:36			

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 Virgo with a magnitude of +0.8, a phase of 32%, and a diameter of 9". It rises at 09:08, transits at 14:20, and sets at 19:32. It is visible low in the west after sunset.

Venus is in Cancer with a magnitude of -4.5, a phase of 22%, and a diameter of 41". It rises at 03:36, transits at 10:36, and sets at 17:36. It is visible in the morning sky.

Mars is in Leo with a magnitude of +1.8, a phase of 98%, and a diameter of 4". It rises at 03:52, transits at 11:15, and sets at 18:38. 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 05:14, transits at 12:07, and sets at 19:00. It is visible low in the east before sunrise.

Saturn is in Libra with a magnitude of +0.6 and a diameter of 16". It rises at 12:58, transits at 17:20, and sets at 21:42. 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 02:43, sets at 09:23, and rises again at 20:00. 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 00:11, sets at 05:25, and rises again at 18:53. It is well placed for observation throughout the night.