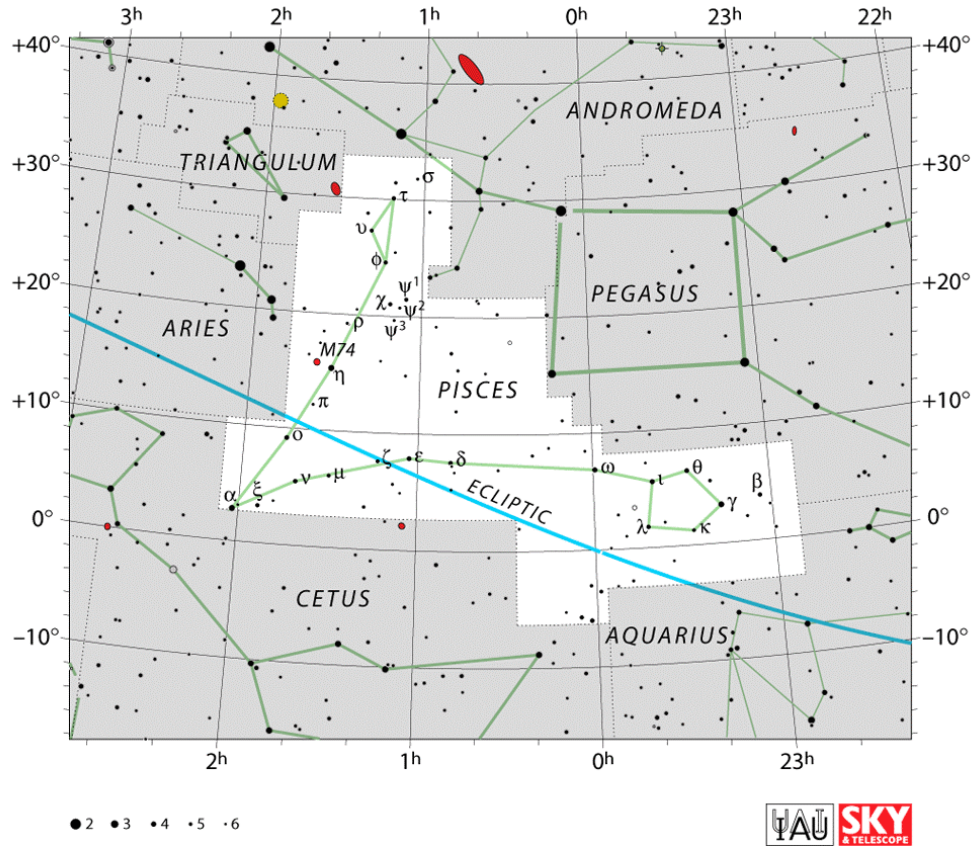


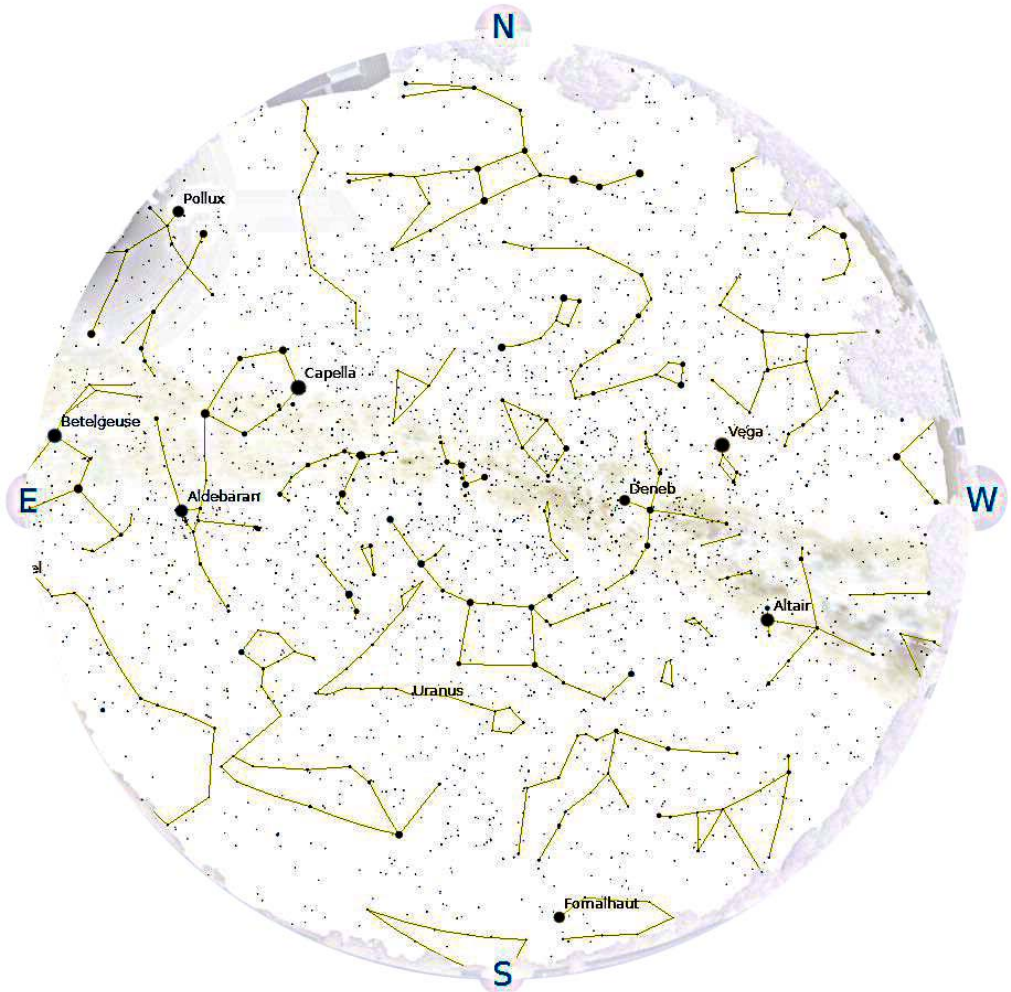
Constellation of the Month - Pisces

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



Rugby & District Astronomical Society

www.rugbyastro.org.uk

Honorary President:	Dr Johanna Jarvis	Chair:	Julian Leckie
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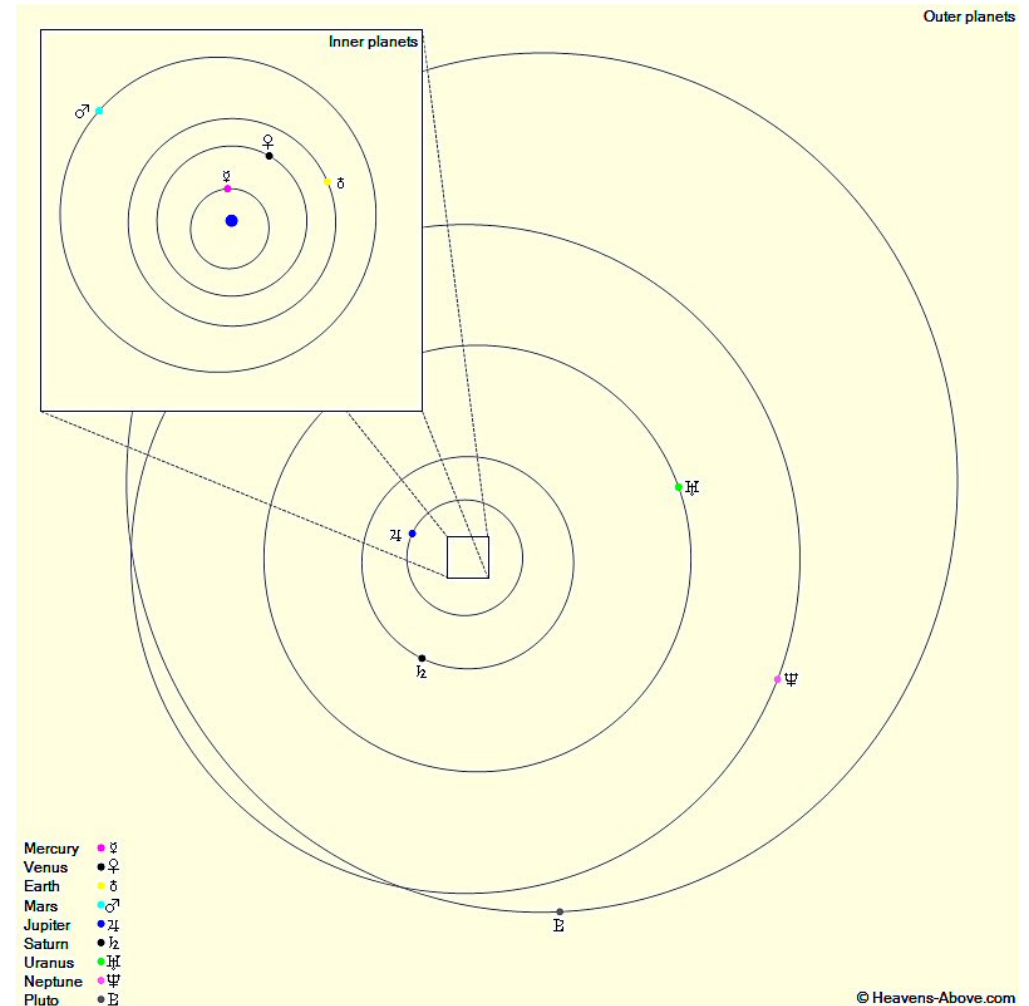
The night sky at 23:00 U.T.C., October 15th
2015

2015 October

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 Venus 43.6° W Iridium 75 20:08 -6.0 58° 128°	2 Moon-Aldeb 13:51	3
 4 Moon N Dec 00:55 Last Quarter 22:06	5 Iridium 98 19:12 -8.1 55° 9°	6	7	8 Moon-Venus 21:32	9 Venus-Reg. 01:26 Moon-Mars 17:51 ISS -3.1 19:50 52° SSE	10 Moon-Jupiter 00:30 ISS -3.1 20:32 67° WSW
11 Moon A Node 11:54 Moon Apogee 14:17 ISS -3.3 19:39 69° SSE	12 Uranus Opp 04:14 ISS -3.4 20:22 79° SSW	 13 New Moon 01:06 ISS -3.4 19:29 80° S	14 ISS -3.4 20:12 69° S Iridium 68 19:08 -6.9 53° 165°	15 ISS -3.3 19:19 79° S	16 Mercury West 03:59 Moon-Saturn 14:20	17 Mars-Jup 22:01 ISS -3.1 19:08 67° SSW R&DAS Ob- serving @ Barby 18:00
18 Moon S Dec 19:31 R&DAS Monthly Meeting 7:30	19	 20 First Quarter 21:31 Iridium 47 20:17 -6.2 47° 122°	21 Orionids 23:35	22	23	24
25 Moon D Node 08:36 Venus-Jup 22:40	26 Venus West 06:59 Moon Perigee 12:59	 27 Full Moon 12:05	28	29 Moon-Aldeb 22:45	30 Iridium 46 18:53 -8.0 46° 146°	31 Moon N Dec 09:02 Iridium 49 18:28 -8.0 46° 150°

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 -0.5, a phase of 53%, and a diameter of 7". It rises at 04:43, transits at 10:47, and sets at 16:50. It is visible low in the east before sunrise.

Venus is in Leo with a magnitude of -4.4, a phase of 45%, and a diameter of 27". It rises at 02:12, transits at 08:59, and sets at 15:46. It is visible in the morning sky.

Mars is in Leo with a magnitude of +1.8, a phase of 96%, and a diameter of 4". It rises at 02:43, transits at 09:29, and sets at 16:14. It is visible in the morning sky.

Jupiter is in Leo with a magnitude of -1.8 and a diameter of 32". It rises at 02:51, transits at 09:32, and sets at 16:13. It is visible in the morning sky.

Saturn is in Libra with a magnitude of +0.6 and a diameter of 15". It rises at 10:14, transits at 14:32, and sets at 18:50. It is visible in the evening sky.

Uranus is in Pisces with a magnitude of +5.7 and a diameter of 4". It sets at 06:18, rises again at 17:00, and transits at 23:37. 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 sets at 02:23, rises again at 15:54, and transits at 21:06. It is well placed for observation throughout the night.