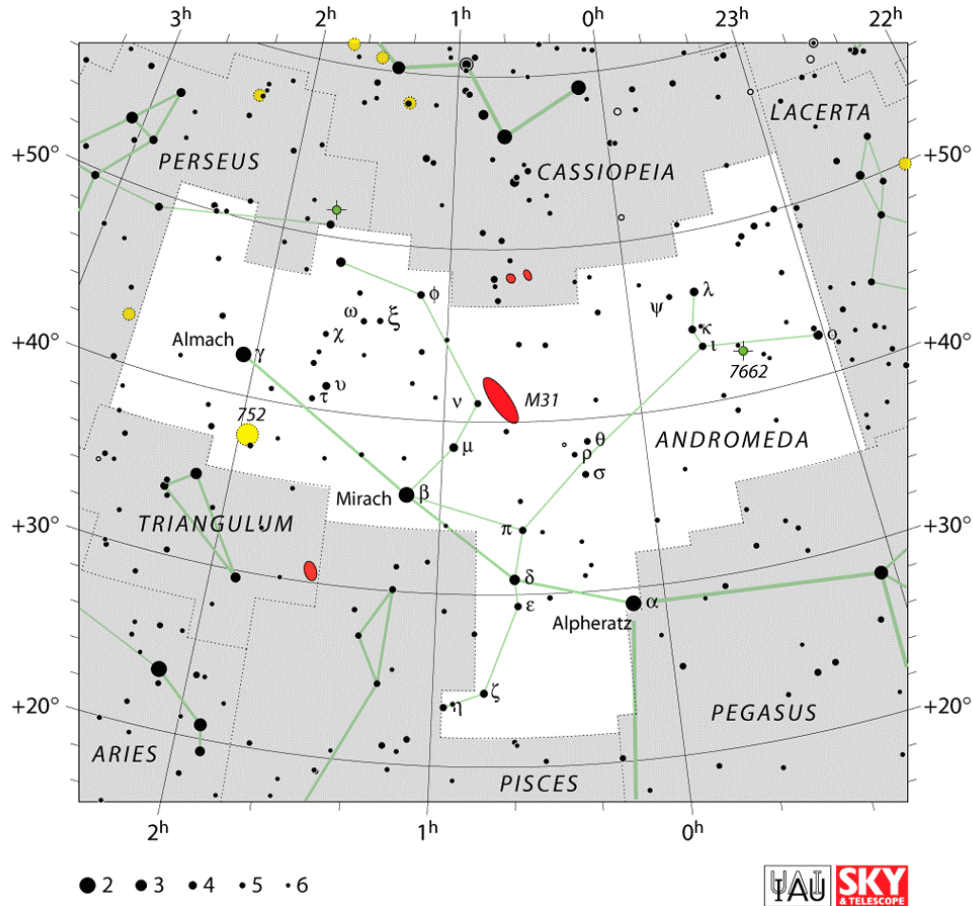


# Constellation of the Month - Andromeda.

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

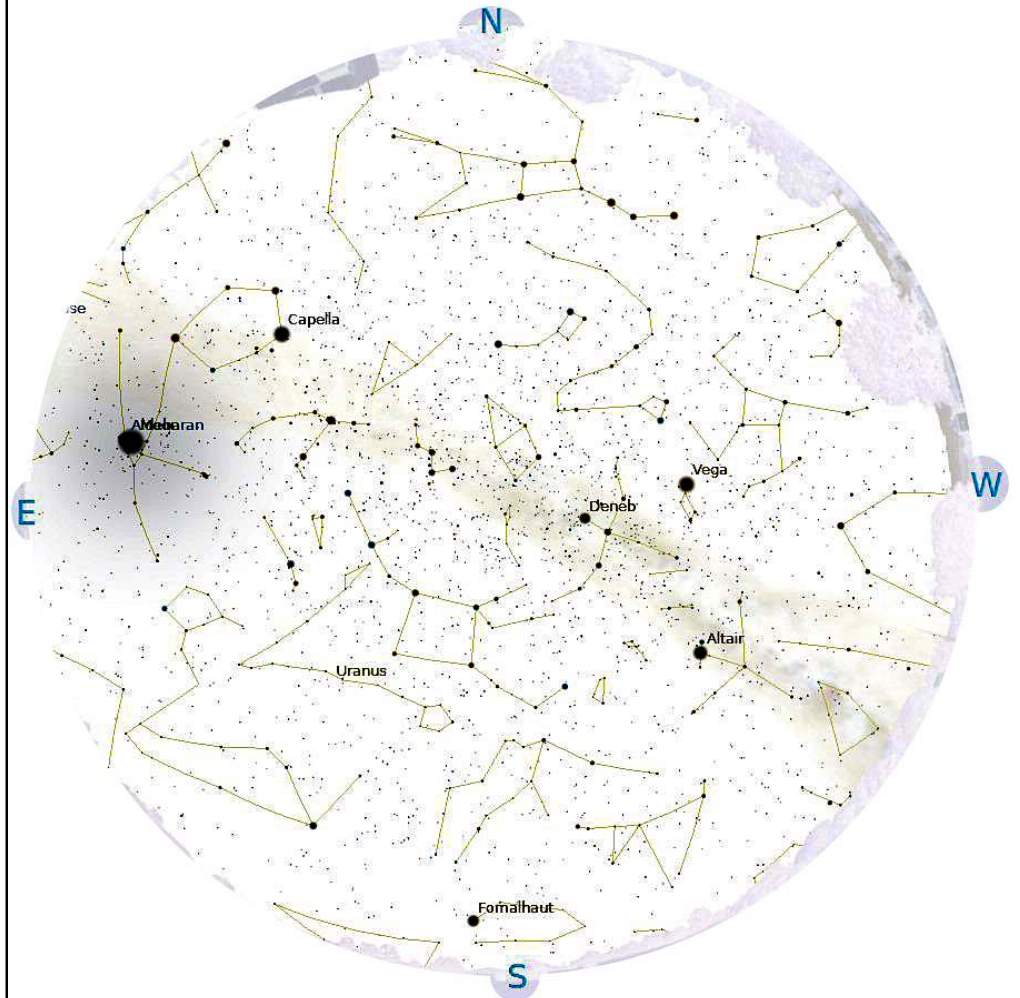
The Constellation of the Month will be selected from one that is readily visible most of the night during the month.



# Rugby & District Astronomical Society Sky Notes

by Chris Longthorn

September 2014, no 64



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

## Rugby & District Astronomical Society

[www.rugbyastro.org.uk](http://www.rugbyastro.org.uk)





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Sky Notes	Chris Longthorn		

Email [rugby-Astro@hotmail.co.uk](mailto:rugby-Astro@hotmail.co.uk)

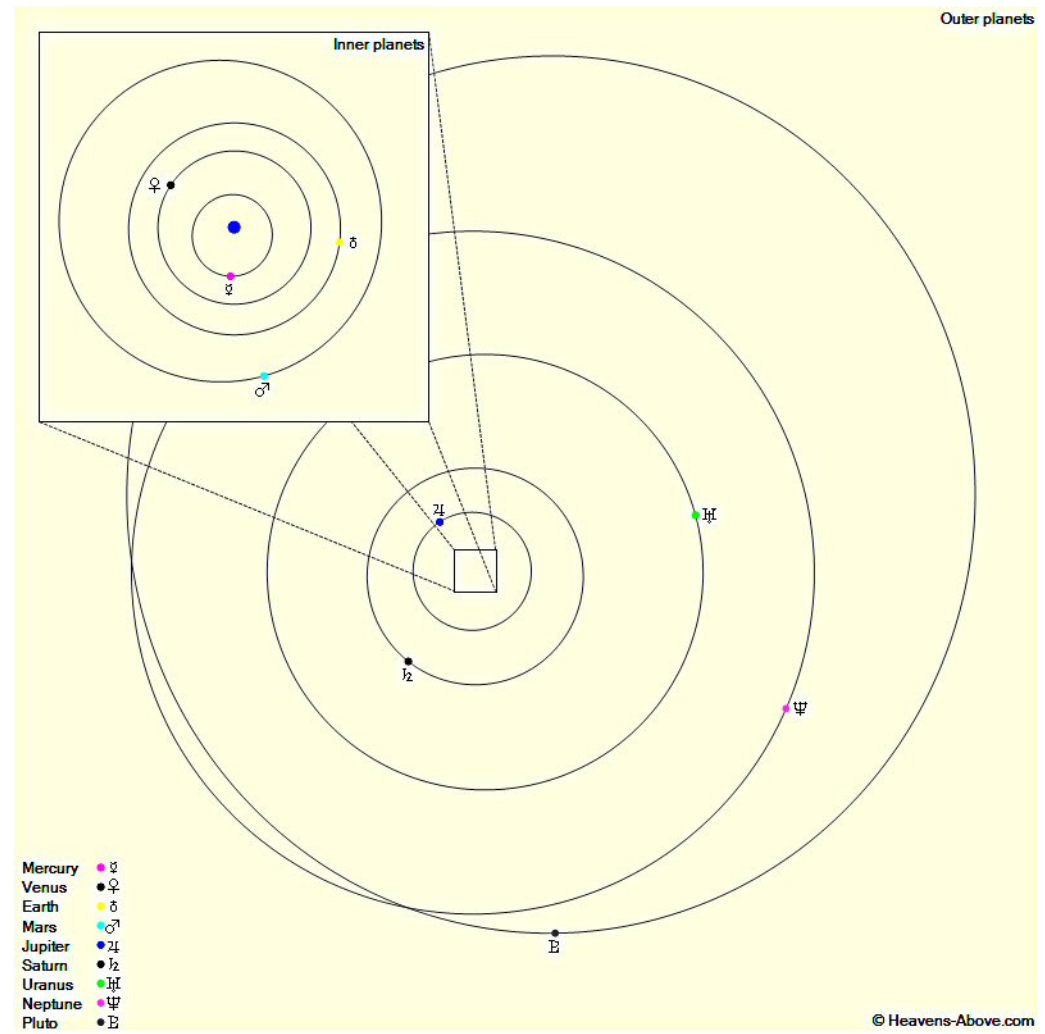
Phone 07739-716383

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# Sky Events Calendar 2014 September

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	<b>1</b> Moon-Mars 00:43 Venus 14.2° W Iridium 80 19:51 Mag -8.4 Alt 73° Az 152° (SSE) , Sun only 1° below horizon.	 <b>2</b> First Quarter 12:11	<b>3</b> Moon S Dec 14:10	4	5	6
7	<b>8</b> Moon Perigee 04:29	 <b>9</b> Full Moon 02:38	10	<b>11</b> Moon D Node 08:32	12	13
14	<b>15</b> Moon-Aldeb 02:01	 <b>16</b> Last Quarter 03:05 Moon N Dec 06:15	17	18	<b>19</b> ISS, -3.1 05:40:28 64° SSE	<b>20</b> Mercury-Spica 14:54 Moon Apogee 15:22 ISS, -3.0 04:50:56 51° SSE
<b>21</b> Mercury East 22:59 R&DAS monthly meet- ing ISS, -3.3 05:37:54 79° S	<b>22</b> ISS, -3.4 04:48 72° S	<b>23</b> Autumn Eq 03:30 ISS, -3.3 05:35:54 79° S	 <b>24</b> New Moon 07:14	<b>25</b> Moon A Node 18:41 ISS, -3.2 05:32:37 63° SSW	<b>26</b> Moon-Spica 01:48 Moon-Mercury 10:32 ISS, -3.0 04:43:25 61° SE	27
<b>28</b> Moon-Saturn 05:46 Mars-Antares 07:30	29	<b>30</b> Moon S Dec 20:29				

## The Planets, mid month.



**Mercury** is in Virgo with a magnitude of +0.0, a phase of 68%, and a diameter of 6". It rises at 08:14, transits at 13:32, and sets at 18:48. It is visible low in the west after sunset.

**Venus** is in Leo with a magnitude of -3.9, a phase of 98%, and a diameter of 10". It rises at 04:36, transits at 11:24, and sets at 18:11. It is visible low in the east before sunrise.

**Mars** is in Scorpius with a magnitude of +0.7, a phase of 88%, and a diameter of 6". It rises at 12:22, transits at 16:22, and sets at 20:21. It is visible in the evening sky.

**Jupiter** is in Cancer with a magnitude of -1.8 and a diameter of 33". It rises at 01:52, transits at 09:31, and sets at 17:10. It is visible in the morning sky.

**Saturn** is in Libra with a magnitude of +0.6 and a diameter of 16". It rises at 10:57, transits at 15:36, and sets at 20:15. 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 01:27, sets at 07:58, and rises again at 18:52. 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 04:11, rises again at 17:47, and transits at 22:57. It is well placed for observation throughout the night.

All times in UTC, add one hour for BST  
 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)