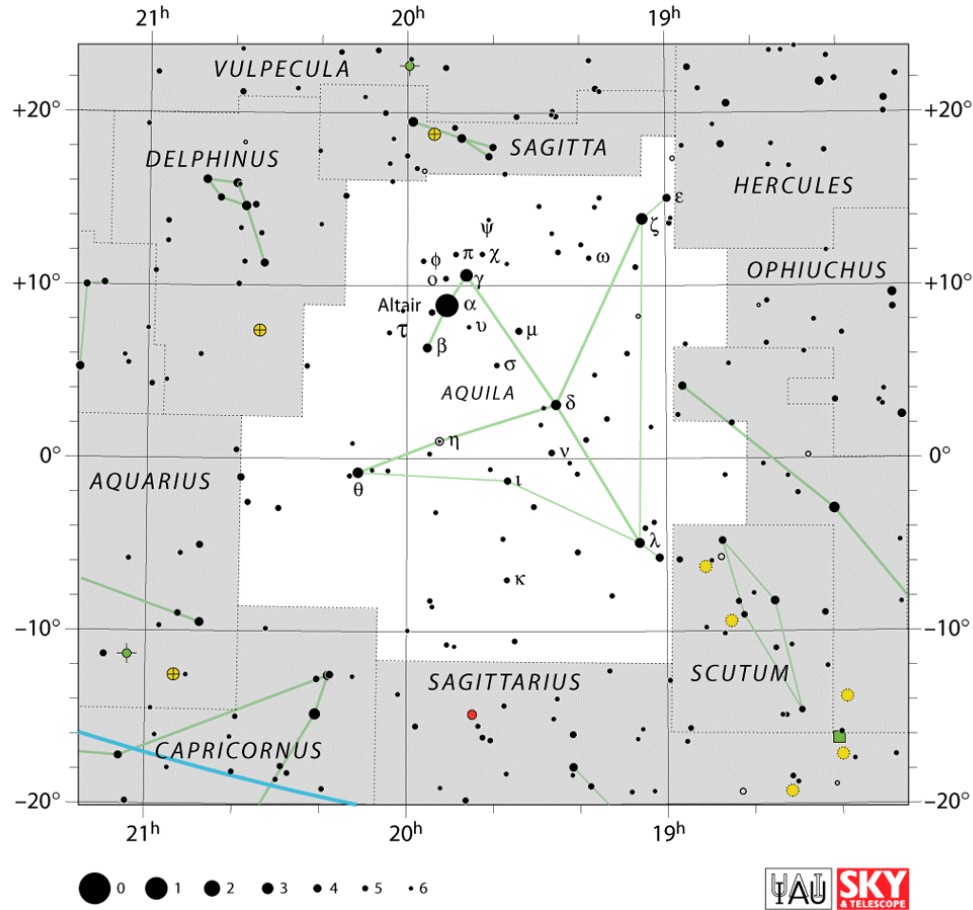


# Constellation of the Month - Aquila

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

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

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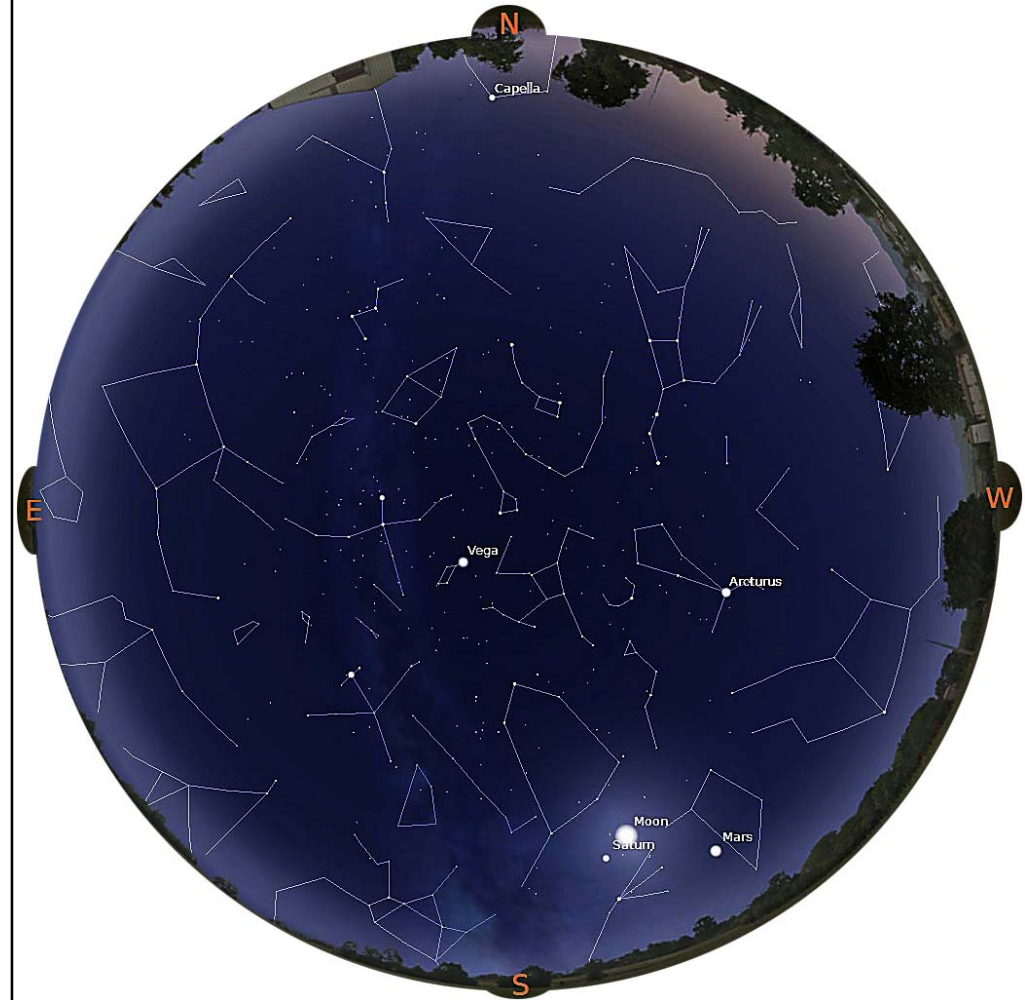
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# Rugby & District Astronomical Society

## Sky Notes

by Chris Longthorn

July 2016, no 84

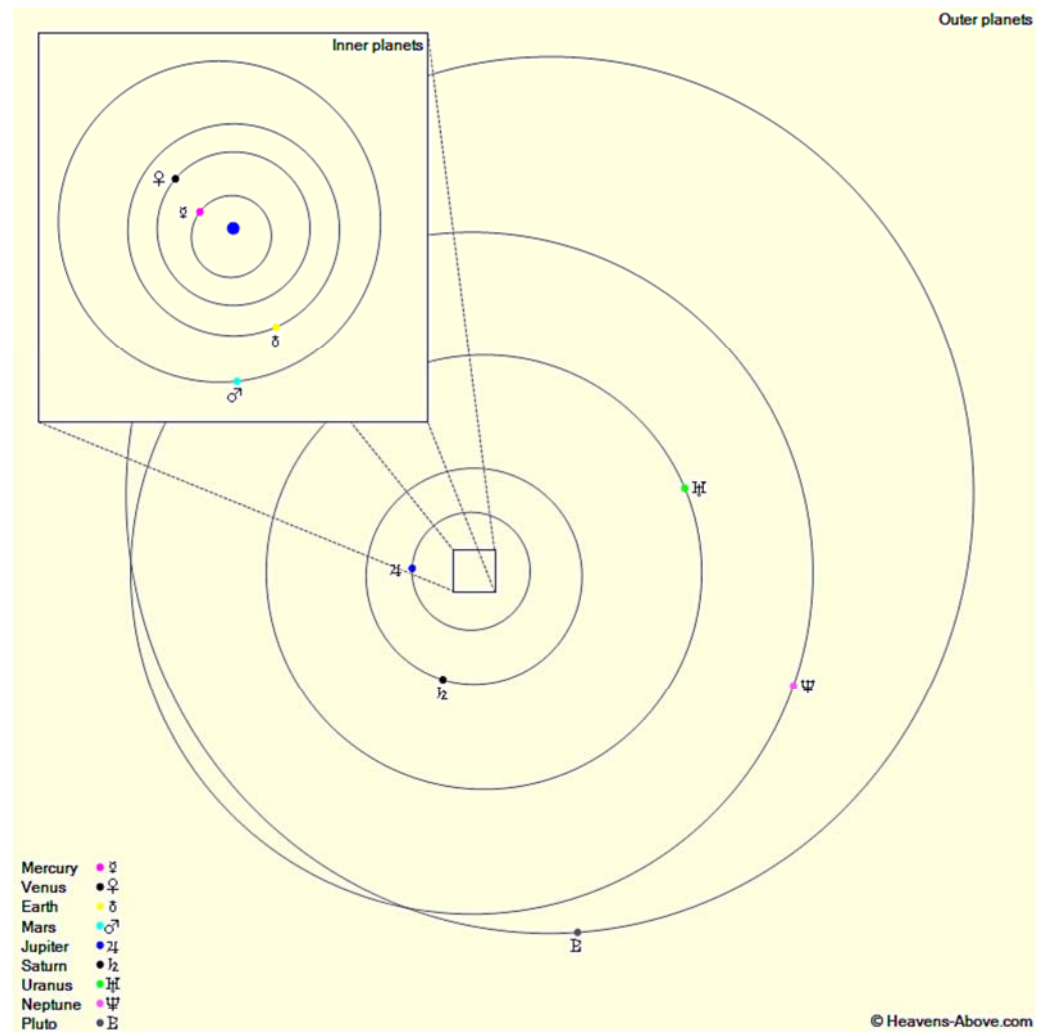


The night sky at 23:00 U.T.C., July 15th 2016

## 2016 July

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Moon Perigee 07:45 Venus 6.8° E	2 Moon-Aldeb 04:58
3 Moon N Dec 21:06	4 New Moon 12:01 Aphelion 16:59  Iridium 58 22:15, -7.3, 49°, 42° (NE)	5 Iridium 55 22:09, -7.3, 51°, 44° (NE)	6	7 Mercury Super 04:12	8 Moon-Regulus 00:33	9 Moon A Node 02:42 Moon-Jupiter 11:08
10 Iridium 5 2:22, -6.3, 24°, 26° (NNE)	11	12 First Quarter 01:52	13 Moon Apogee 06:24	14	15 Iridium 37 23:02, -7.1, 32°, 34° (NNE)	16 Moon-Saturn 06:11
17 R&DAS meet- ing 7:30 Church Law- ford	18 Moon S Dec 04:41	19 Full Moon 23:57	20 Iridium 97 22:41, -6.9, 40°, 40° (NE)	21	22	23 Moon D Node 08:49
24	25	26 Last Quarter 24:00  ISS, -3.0, 23:34, 43°, SSE	27 Moon Perigee 12:25 Delta Aquarids 21:32  ISS, -2.6, 22:41, 30°, SSE	28 ISS, -3.4, 23:24, 61°, SSE	29 Moon-Aldeb 11:53  ISS, -3.1, 22:28, 46°, SSE	30 Mercury-Reg. 16:55  ISS, -3.5, 00:08, 1°, S
31 Moon N Dec 05:52  ISS, -3.4, 22:22, 65°, SSE  ISS, -3.5, 23:58, 75°, S  Iridium 84 23:19, -6.4, 21°, 27° (NNE)						

## The Planets, mid month.



**Mercury** is in Cancer with a magnitude of -1.1, a phase of 93%, and a diameter of 5". It rises at 05:44, transits at 13:58, and sets at 22:10. It is visible low in the west after sunset.

**Venus** is in Cancer with a magnitude of -3.9, a phase of 98%, and a diameter of 10". It rises at 05:55, transits at 14:02, and sets at 22:07. It is visible low in the west after sunset.

**Mars** is in Libra with a magnitude of -1.1, a phase of 90%, and a diameter of 15". It sets at 00:58, rises again at 17:05, and transits at 21:00. It is visible in the evening sky.

**Jupiter** is in Leo with a magnitude of -1.8 and a diameter of 33". It rises at 10:25, transits at 16:57, and sets at 23:28. It is visible in the evening sky.

**Saturn** is in Ophiuchus with a magnitude of +0.3 and a diameter of 18". It sets at 02:18, rises again at 18:06, and transits at 22:10. It is well placed for observation throughout the night.

**Uranus** is in Pisces with a magnitude of +5.8 and a diameter of 4". It rises at 00:16, transits at 07:07, and sets at 13:59. It is visible in the morning sky.

**Neptune** is in Aquarius with a magnitude of +7.8 and a diameter of 2". It transits at 04:31, sets at 09:50, and rises again at 23:07. It is visible in the morning sky.