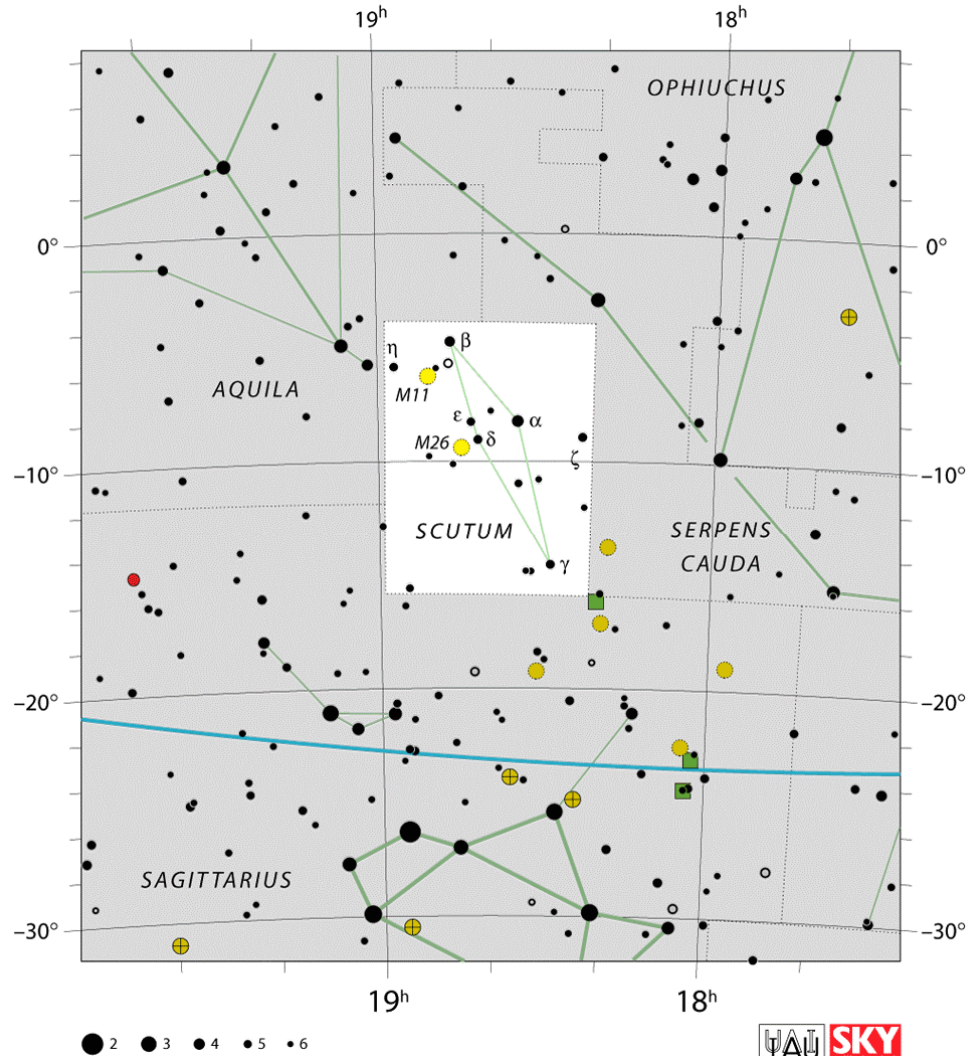


# Constellation of the Month - Scutum

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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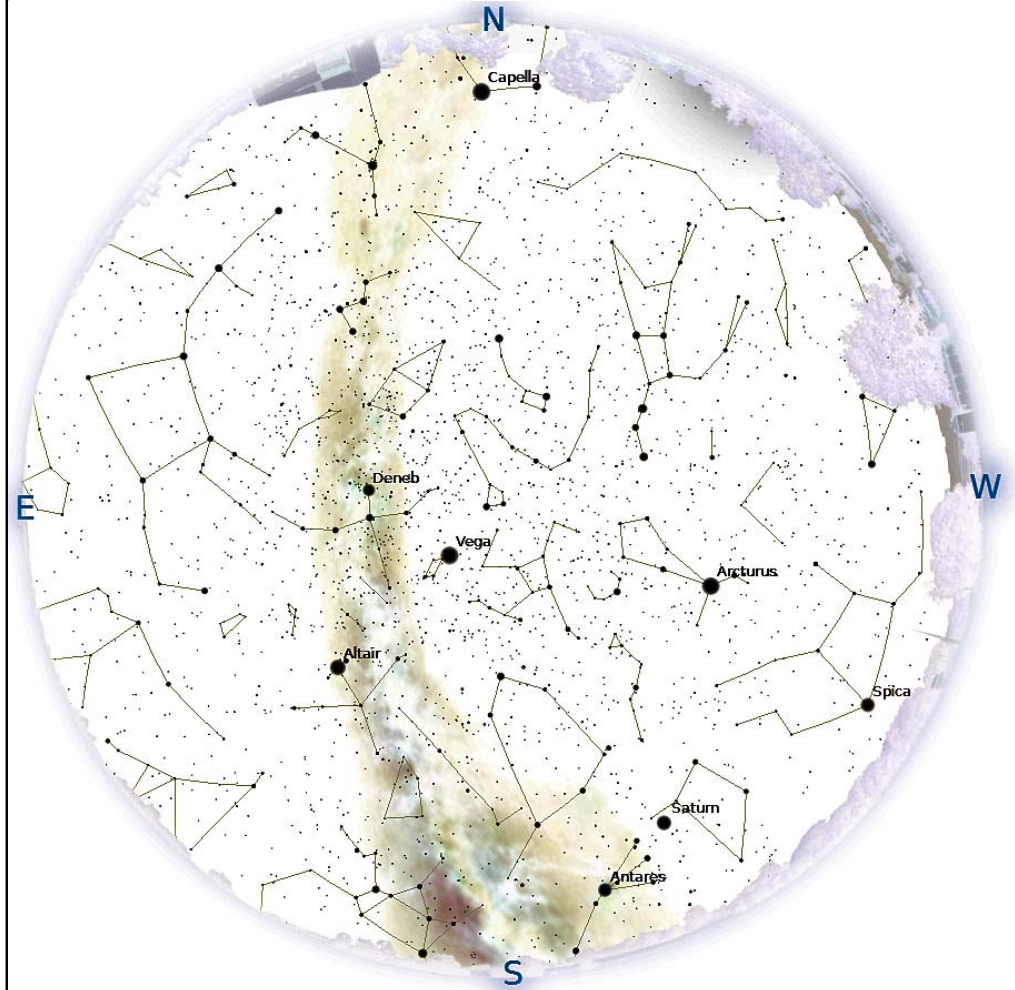
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# Rugby & District Astronomical Society Sky Notes






by Chris Longthorn

July 2015, no 73

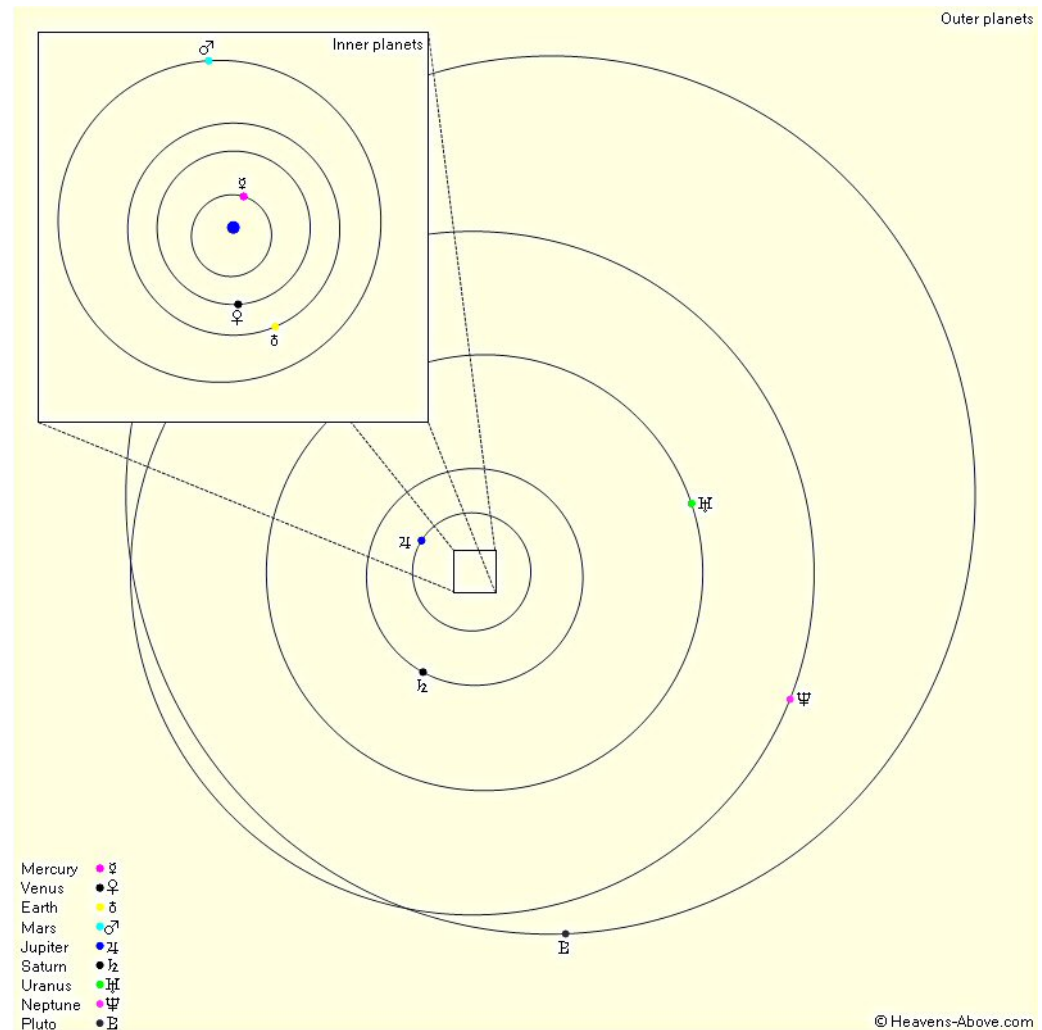


The night sky at 23:00 U.T.C., July 15th

# Event Calendar, July 2015

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 Venus-Jup 03:14 Moon S Dec 07:48 Venus 42.4° E Iridium 361 00:23 -8.1 51° 229°	 2 Full Moon 03:20	3	4 Iridium 30, 22:51 -5.0 24° 283°
5 Moon Perigee 19:54	6 Aphelion 13:59 Pluto, Opposition	7 Iridium 30, 22:52 -5.9 18° 291°	 8 Moon D Node 01:07 Last Quarter 21:24 Iridium 58, 22:55 -5.6 16° 294°	9 Iridium 95, 22:59 -5.5 14° 297°	10 Iridium 58, 21:51 -5.7 19° 343°	11
12 Moon-Aldeb 18:55	13 Iridium 32, 21:23 -5.7 26° 341°	14 Moon N Dec 05:24 Venus-Reg. 22:35 New Horizons flyby of Pluto, 12:00 UT	15	 16 New Moon 02:24 Iridium 90, 00:54 -7.6 53° 210° Iridium 53, 00:56 -8.3 53° 210° Iridium 8, 23:23 -6.6 35° 261°	17	18 Moon-Jupiter 18:34
19 Moon-Venus 02:06 RADAS Monthly Meeting 19:30	20	21 Moon Apogee 12:02 Moon A Node 20:32 Iridium 35, 23:11 -6.9 28° 271°	22	23 Mercury Super 20:18	 24 First Quarter 05:04	25 Ceres, Opposition
26 Moon-Saturn 09:43	27	28 Delta Aquarids 15:23 Moon S Dec 18:34	29 Iridium 66, 22:18 -5.2 40° 298°	30 Iridium 97, 23:21 -5.4 11° 295°	 31 Full Moon 11:43 Iridium 96, 21:56 -5.7 18° 347°	

## The Planets, mid month.



**Mercury** is in Gemini with a magnitude of -1.5, a phase of 92%, and a diameter of 5". It rises at 04:07, transits at 12:30, and sets at 20:53. It is visible low in the east before sunrise.

**Venus** is in Leo with a magnitude of -4.5, a phase of 22%, and a diameter of 41". It rises at 08:37, transits at 15:35, and sets at 22:31. It is visible in the evening sky.

**Mars** is in Gemini with a magnitude of +1.6, a phase of 100%, and a diameter of 4". It rises at 04:12, transits at 12:34, and sets at 20:56. It is currently too close to the Sun to be observed.

**Jupiter** is in Leo with a magnitude of -1.8 and a diameter of 32". It rises at 08:01, transits at 15:21, and sets at 22:40. It is visible in the evening sky.

**Saturn** is in Libra with a magnitude of +0.3 and a diameter of 18". It sets at 01:48, rises again at 16:54, and transits at 21:19. It is visible in the evening sky.

**Uranus** is in Pisces with a magnitude of +5.8 and a diameter of 4". It rises at 00:09, transits at 06:51, and sets at 13:32. 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 04:20, sets at 09:37, and rises again at 22:59. It is visible in the morning sky.