

## Craters - Copernicus

Each month we're going to pick a lunar feature to present at the monthly meeting in some detail.



**Rugby & District Astronomical Society**

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

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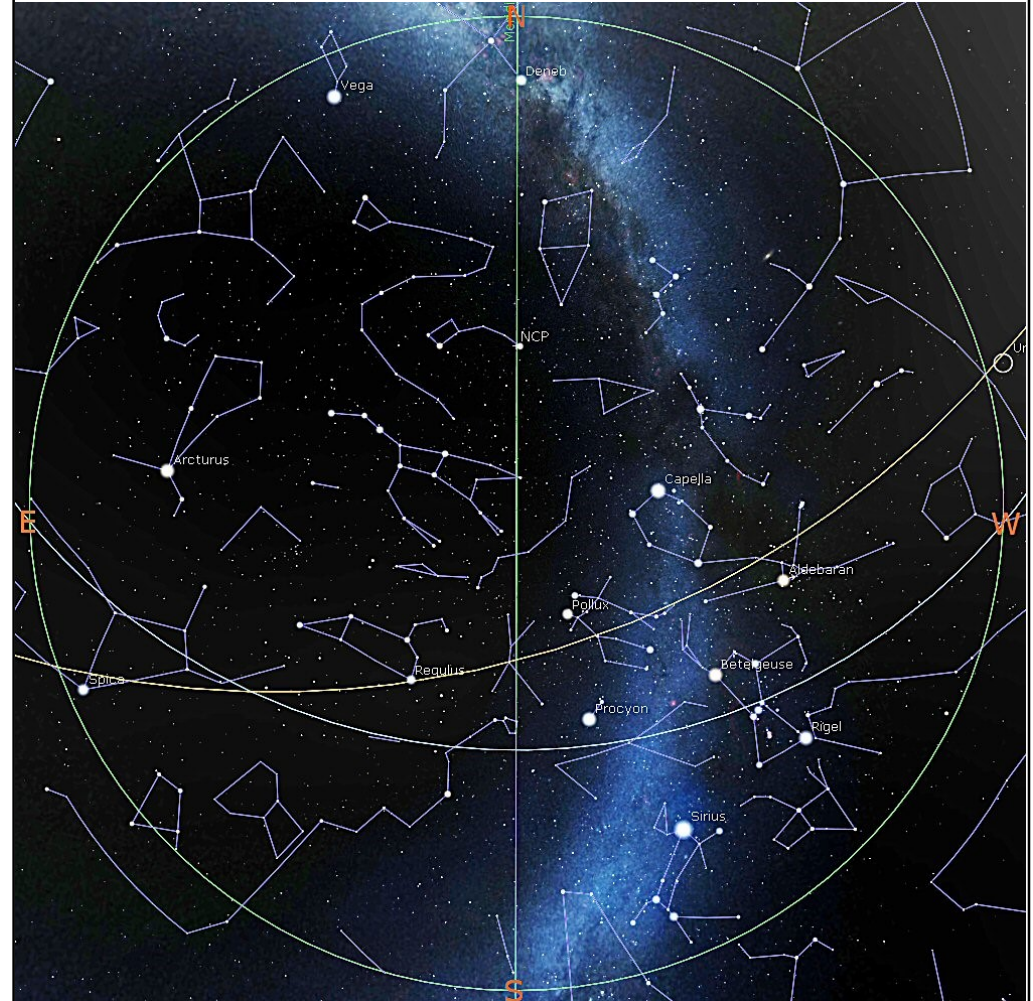
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**Rugby & District Astronomical Society**

## **Sky Notes**

**by Chris Longthorn**

**February 2018, no 103**

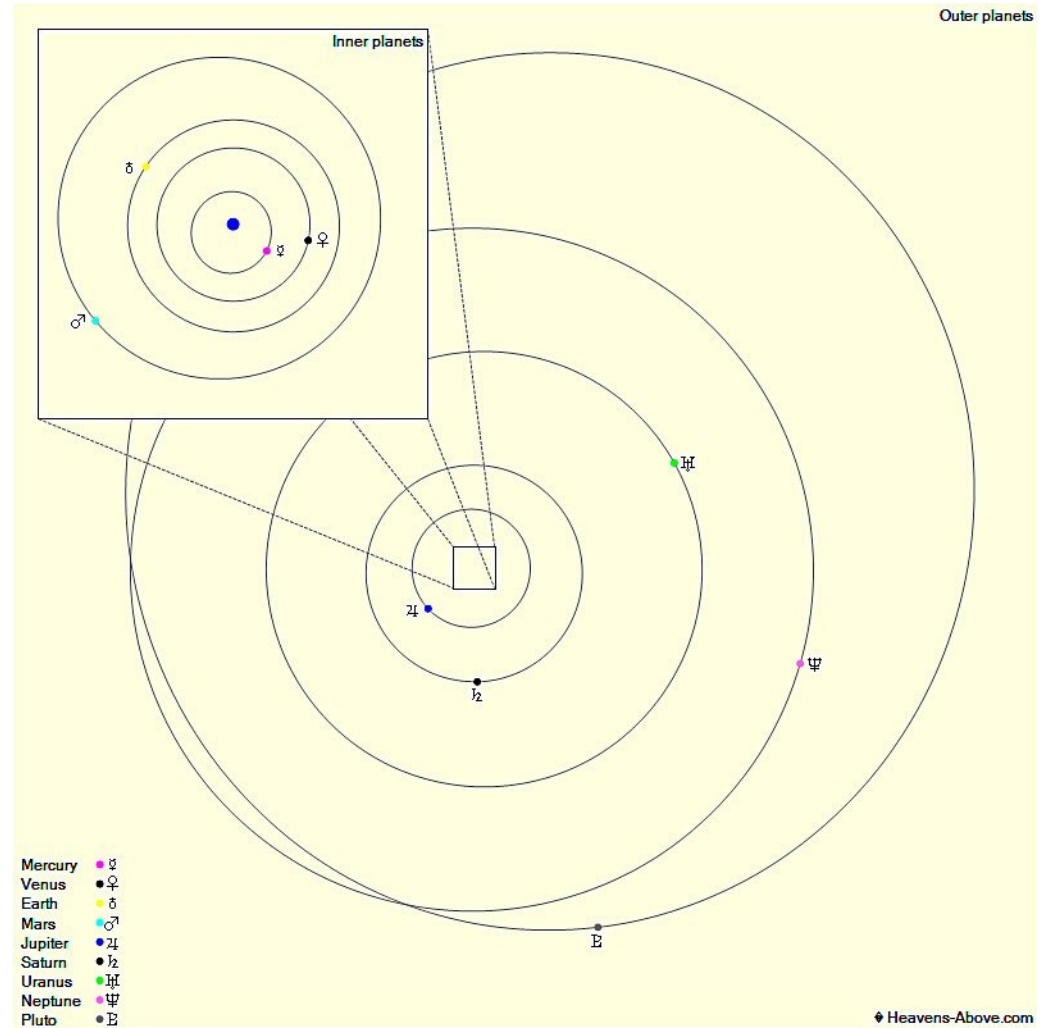


**The night sky at 23:00 U.T.C., February 15th 2018**

## 2018 February

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29 Moon N Dec	30 Moon Perigee	31 Moon-Beehive 07:19 Full Moon Total Lun Ec 13:30	1 Venus 5.7° E Moon-Regulus 18:24	2	3
4	5	6	7 Last Quarter Moon-Jupiter 19:47	8	9 Moon-Mars 05:12 R&DAS Observing, Barby (19:00)	10
11 Moon Apogee Moon-Saturn 14:46 Mars-Antares 16:40 Moon S Dec	12	13	14 Moon D Node	15 Par Solar Ec New Moon ISS, -1.8, 19:44, 20°, NNW	16 R&DAS Observing, Barby (19:00) ISS, -2.7, 18:54, 24°, NE	17 Mercury Super 12:08 ISS, -1.5, 19:37, 25°, SW
18 ISS, -3.7, 18:44, 76°, WNW	19	20	21	22	23 First Quarter Moon-Aldeb 17:07	24
25 Moon N Dec	26	27 Moon Perigee Moon-Beehive 17:28	28 Moon A Node	1 Moon-Regulus 05:09 Venus 12.4° E	2 Full Moon	3

## The Planets, mid month.



**Mercury** is in Capricornus with a magnitude of -1.5, a phase of 100%, and a diameter of 5". It rises at 07:42, transits at 12:21, and sets at 17:01. It is currently too close to the Sun to be observed.

**Venus** is in Aquarius with a magnitude of -3.9, a phase of 99%, and a diameter of 10". It rises at 07:56, transits at 13:00, and sets at 18:06. It is visible low in the west after sunset.

**Mars** is in Ophiuchus with a magnitude of +1.0, a phase of 90%, and a diameter of 6". It rises at 03:17, transits at 07:12, and sets at 11:06. It is visible in the morning sky.

**Jupiter** is in Libra with a magnitude of -2.1 and a diameter of 37". It rises at 01:26, transits at 05:51, and sets at 10:15. It is visible in the morning sky.

**Saturn** is in Sagittarius with a magnitude of +0.6 and a diameter of 16". It rises at 05:07, transits at 08:56, and sets at 12:45. It is visible in the morning sky.

**Uranus** is in Pisces with a magnitude of +5.8 and a diameter of 3". It rises at 09:09, transits at 16:03, and sets at 22:57. It is visible in the evening sky.

**Neptune** is in Aquarius with a magnitude of +8.0 and a diameter of 2". It rises at 08:05, transits at 13:28, and sets at 18:51. It is visible low in the west after sunset.