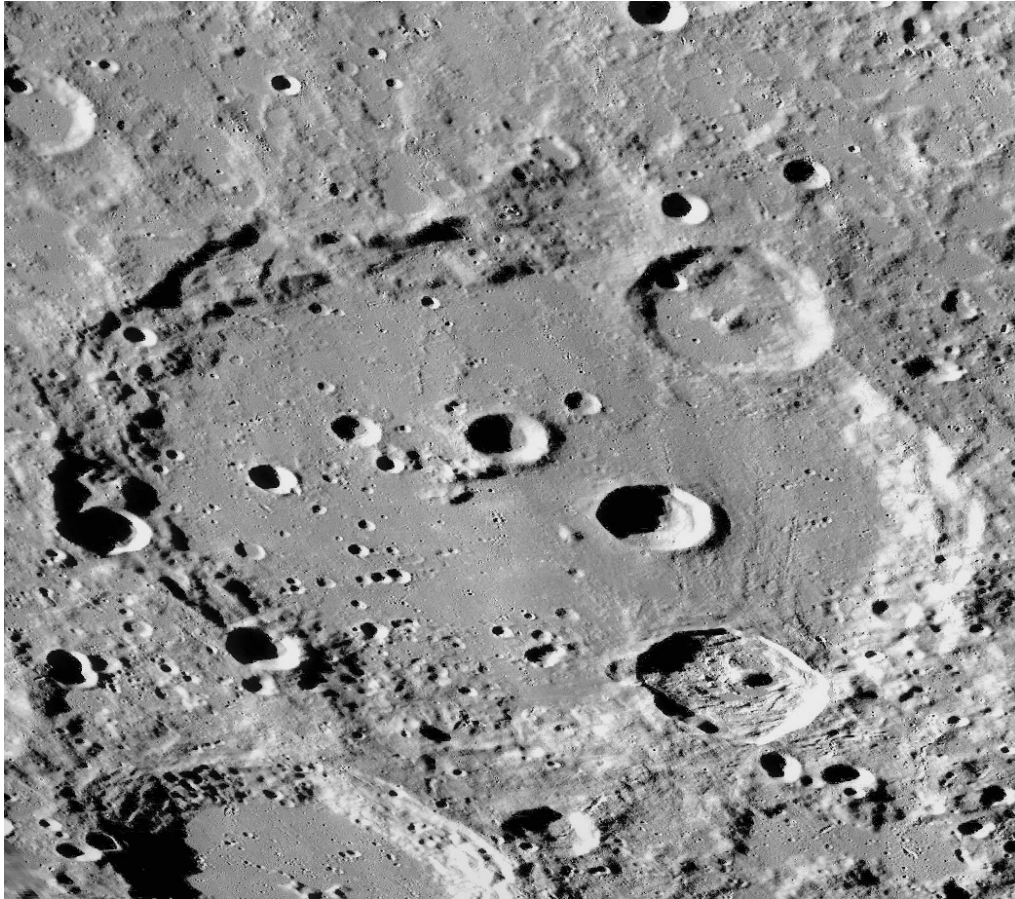


Craters - Clavius

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



Rugby & District Astronomical Society

www.rugbyastro.org.uk

Honorary President:	-	Chair:	Julian Leckie
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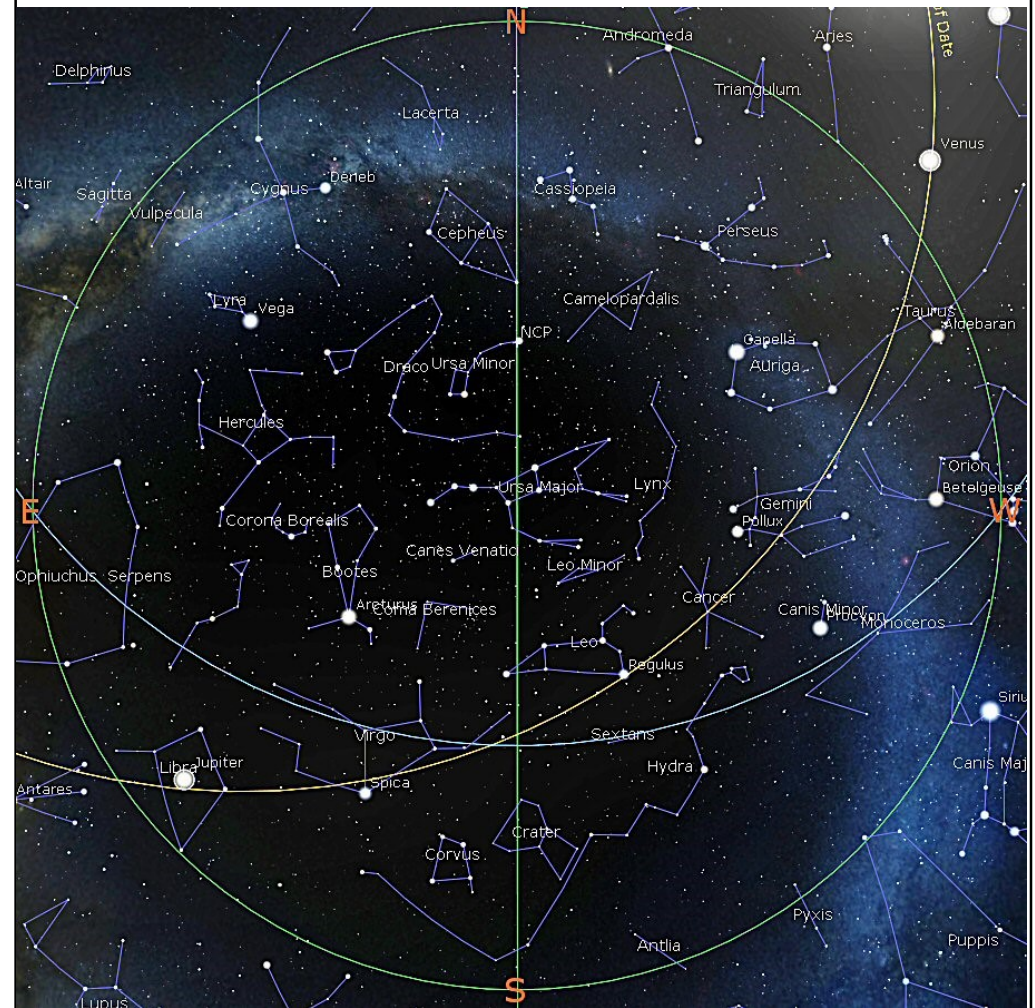
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Rugby & District Astronomical Society

Sky Notes

by Chris Longthorn

April 2018, no 105



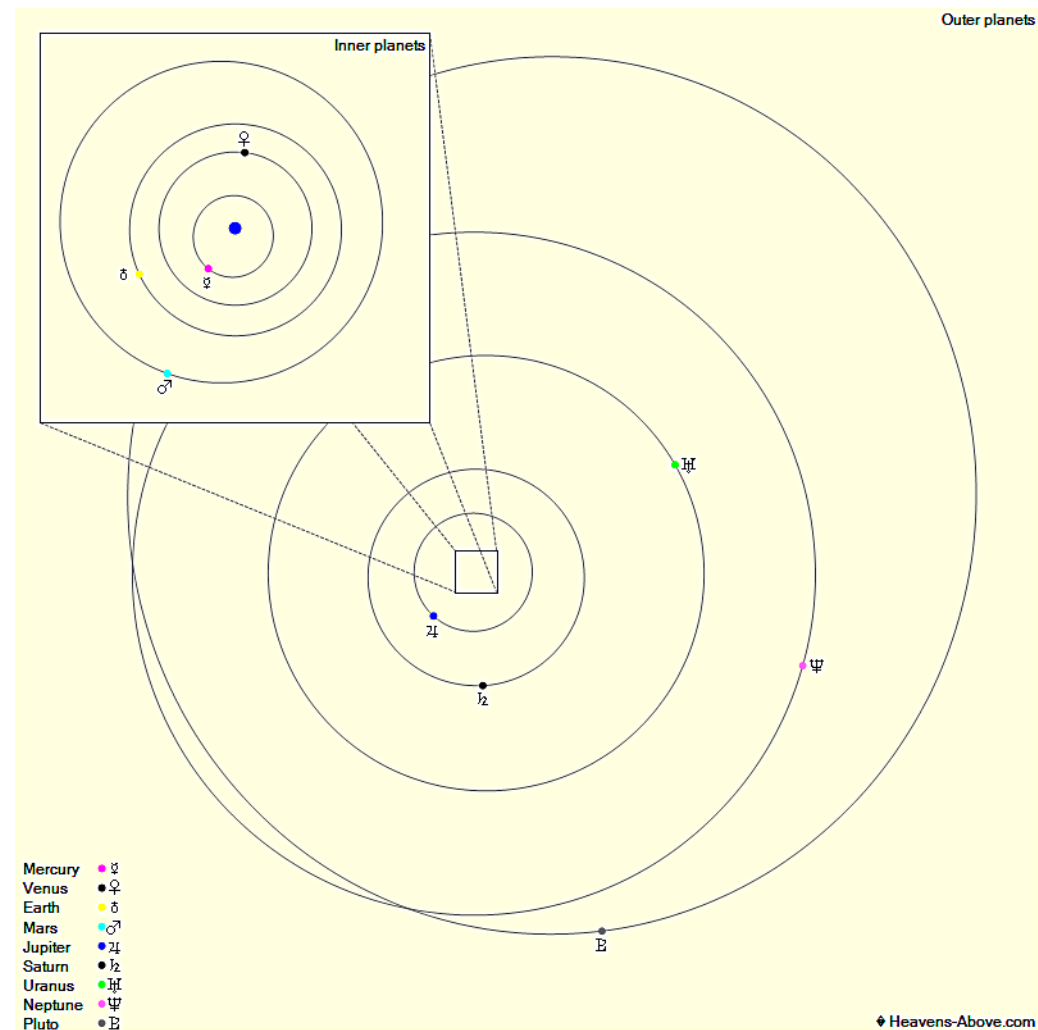
The night sky at 23:00 U.T.C., April 15th 2018

2018 April

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Venus 19.9° E Mercury Infer 18:47 ISS, -3.9, 20:45, 79° S	2 Mars-Sat 20:02 ISS, -3.9, 21:29, 70° S	3 Moon- Jupiter 15:14 ISS, -3.8, 20:36, 78° S	4 ISS, -3.5, 21:20, 51° SSW	5 ISS, -3.7, 20:27, 66° SSW		7 Moon-Saturn 13:50 Moon S Dec 15:37 Moon-Mars 19:15
8 Moon Ap- ogee 06:32 Last Quar- ter 08:18	9	10 Moon D Node 09:09	11	12	13	14
15 R&DAS Meeting, Church Lawford, 19:30	16 New Moon 02:57	17 Moon- Venus 20:29	18 Uranus Sun 15:35	19 Moon- Aldeb 05:45	20 Moon Per- igee 15:44	21 Moon N Dec 08:38
22 Lyrids 18:49 First Quarter 22:46	23 Moon- Beehive 07:17 Moon A Node 13:19	24 Venus- M45 17:47 Moon- Regulus 20:39	25	26	27	28
29 Mercury West 18:59	30 Full Moon 01:58 Moon- Jupiter 18:16					

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 Pisces with a magnitude of +1.6, a phase of 19%, and a diameter of 10". It rises at 05:44, transits at 11:54, and sets at 18:04. It is visible low in the east before sunrise.

Venus is in Aries with a magnitude of -3.9, a phase of 92%, and a diameter of 11". It rises at 06:56, transits at 14:41, and sets at 22:28. It is visible low in the west after sunset.

Mars is in Sagittarius with a magnitude of -0.0, a phase of 88%, and a diameter of 10". It rises at 03:02, transits at 06:45, and sets at 10:28. It is visible in the morning sky.

Jupiter is in Libra with a magnitude of -2.4 and a diameter of 44". It transits at 02:54, sets at 07:21, and rises again at 22:22. It is well placed for observation throughout the night.

Saturn is in Sagittarius with a magnitude of +0.5 and a diameter of 17". It rises at 02:26, transits at 06:16, and sets at 10:07. It is visible in the morning sky.

Uranus is in Pisces with a magnitude of +5.9 and a diameter of 3". It rises at 06:21, transits at 13:22, and sets at 20:22. It is currently too close to the Sun to be observed.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It rises at 05:17, transits at 10:44, and sets at 16:11. It is visible in the morning sky.