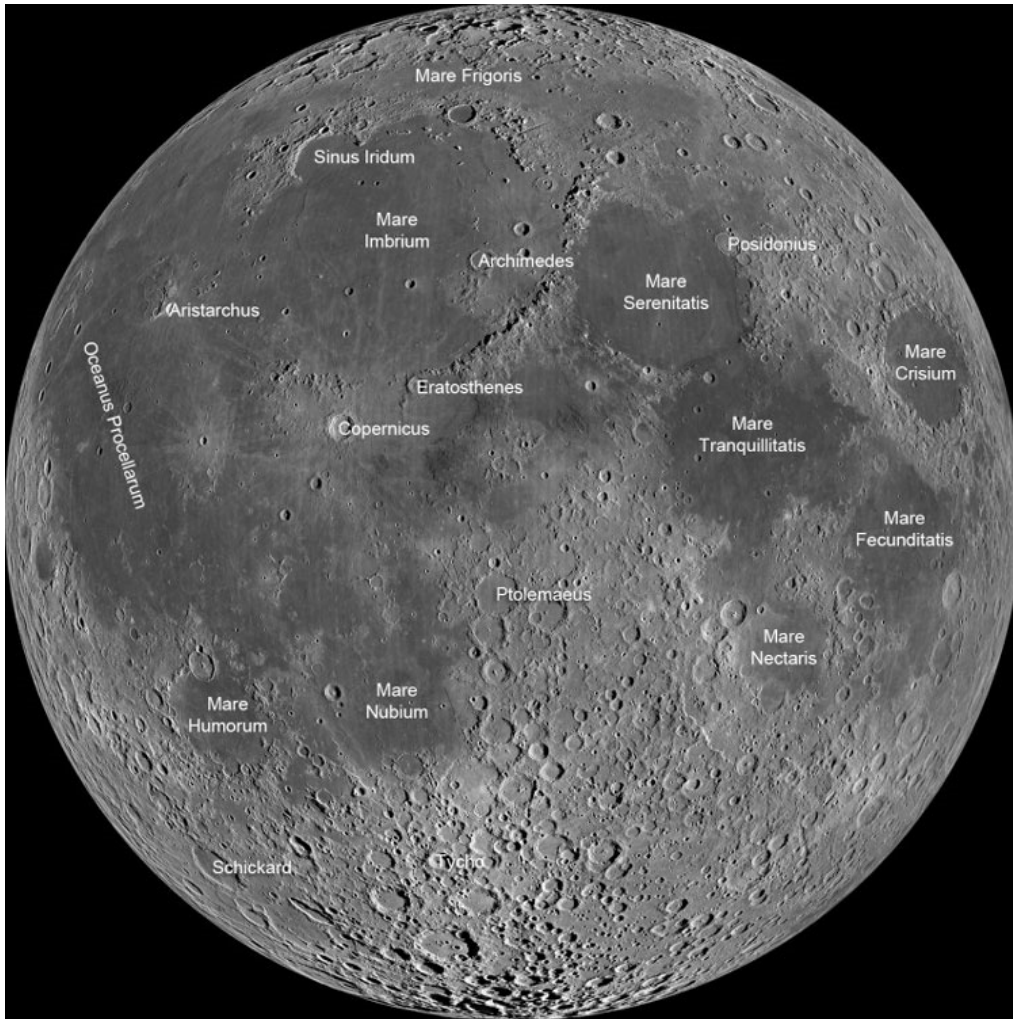


The Moon

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

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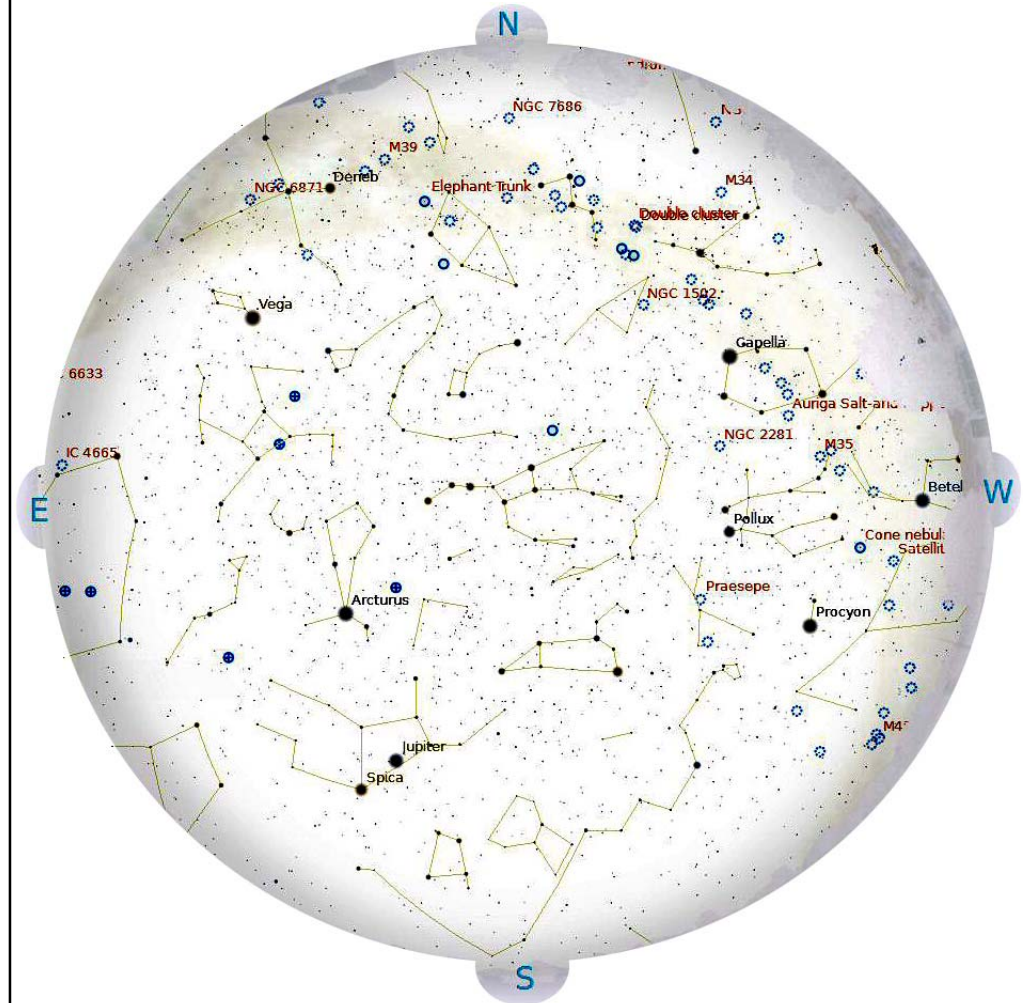
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Rugby & District Astronomical Society

Sky Notes





by Chris Longthorn

April 2017, no 93

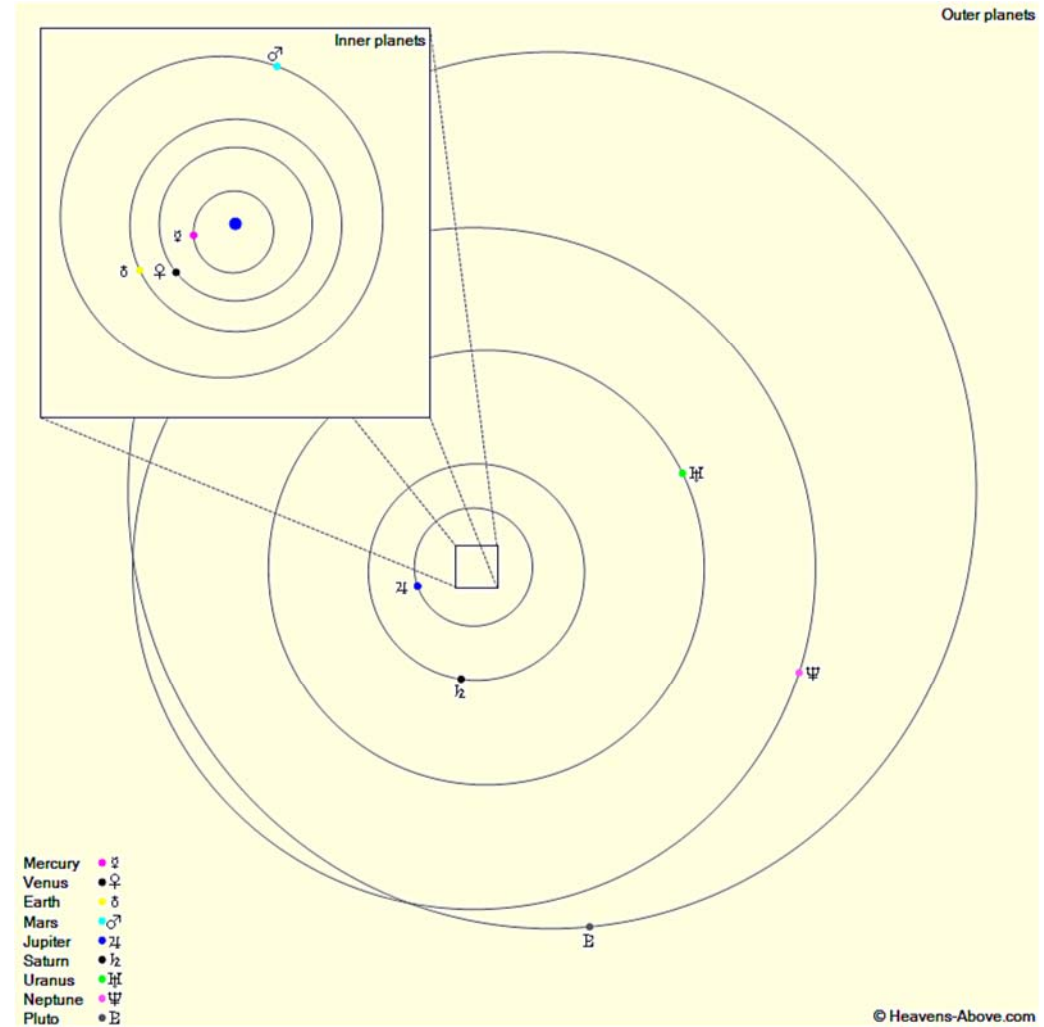


The night sky at 23:00 U.T.C., April 15th 2017

2017 April

Sunday	Monday	Tuesday	Wednes-day	Thursday	Friday	Saturday
						1 Mercury East 10:59 Venus 13.4° W R&DAS Ob- serving, Bar- by (19:30) ISS, -3.4, 21:17, 66°, SSE
2 ISS, -3.0, 20:24, 51°, SSE Iridium 5 22:23, -7.4, 32°, 57° (ENE)	3  Moon N Dec 07:12 First Quarter 19:39 ISS, -3.4, 21:08, 78°, S	4 ISS, -3.3, 20:15, 70°, S ISS, -3.5, 21:52, 72°, S	5 Moon-Beehive 13:45 ISS, -3.4, 20:59, 79°, S Iridium 97 2:14, -7.6, 36°, 60° (ENE)	6 ISS, -3.1, 21:43, 54°, SSW	7 Moon- Regulus 05:30 Moon A Node 10:14 Jupiter Opp 21:58 ISS, -3.3, 20:50, 68°, S	8
9	10 Moon-Jupiter 22:20	11  Full Moon 07:08	12	13	14 Uranus Sun 06:43	15 Moon Apogee 11:05
16 Moon-Saturn 19:39	17 Moon S Dec 14:12 Iridium 37 21:30, -8.1, 55°, 72° (ENE)	18	19  Last Quarter 10:57	20 Mercury Infer 06:46	21 Mars-M45 09:16 Moon D Node 23:30	22 Lyrids 12:40
23 Moon-Venus 18:59	24	25	26  New Moon 13:16	27 Moon Perigee 17:18 Iridium 13 22:23, -7.5, 38°, 49° (NE)	28 Moon-Aldeb 18:20	29
30 Moon N Dec 14:33						

The Planets, mid month.



Mercury is in Aries with a magnitude of +4.0, a phase of 3%, and a diameter of 11". It rises at 05:07, transits at 12:35, and sets at 20:02. It is currently too close to the Sun to be observed.

Venus is in Pisces with a magnitude of -4.5, a phase of 14%, and a diameter of 48". It rises at 03:58, transits at 10:17, and sets at 16:35. It is visible low in the east before sunrise.

Mars is in Taurus with a magnitude of +1.5, a phase of 97%, and a diameter of 4". It rises at 06:09, transits at 14:08, and sets at 22:09. It is visible in the evening sky.

Jupiter is in Virgo with a magnitude of -2.5 and a diameter of 44". It sets at 05:17, rises again at 18:05, and transits at 23:39. It is well placed for observation throughout the night.

Saturn is in Sagittarius with a magnitude of +0.4 and a diameter of 17". It rises at 00:35, transits at 04:26, and sets at 08:18. 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 05:14, transits at 12:06, and sets at 18:59. 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 04:12, transits at 09:35, and sets at 14:58. It is visible in the morning sky.