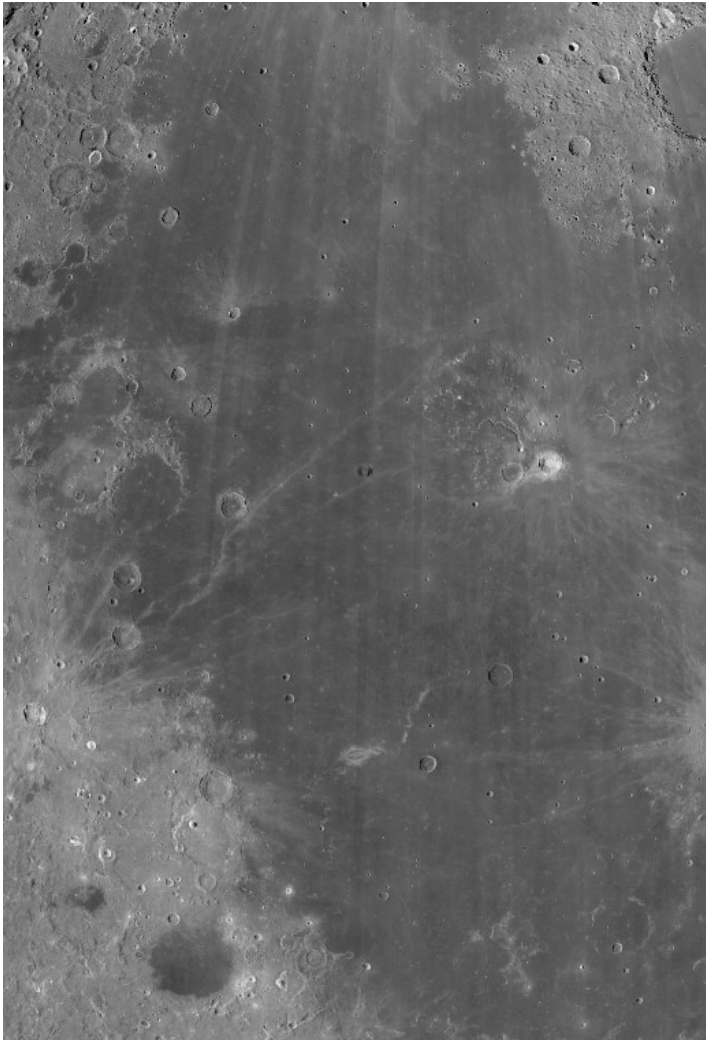


The Mare - Oceanus Procellarum

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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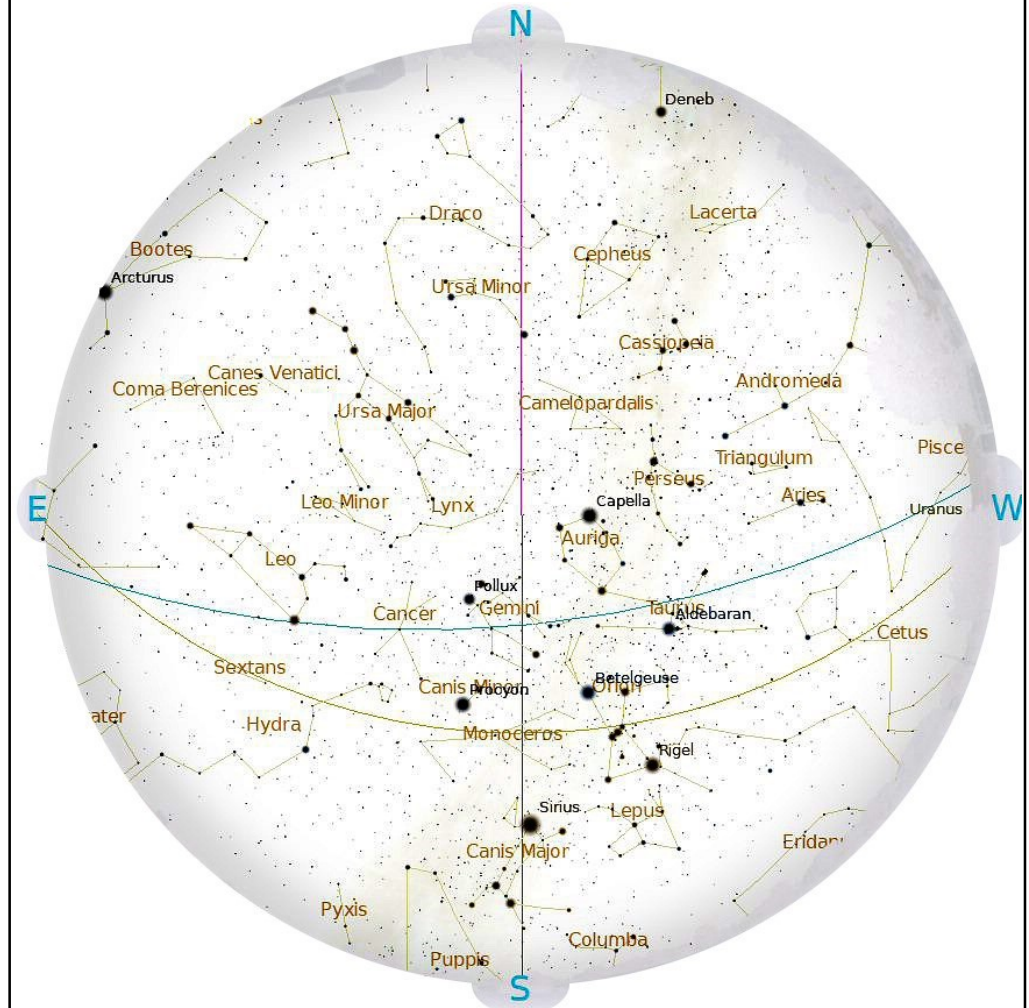
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RUGBY & DISTRICT ASTRONOMICAL SOCIETY

SKY NOTES

BY CHRIS LONGTHORN

JANUARY 2018, NO 102

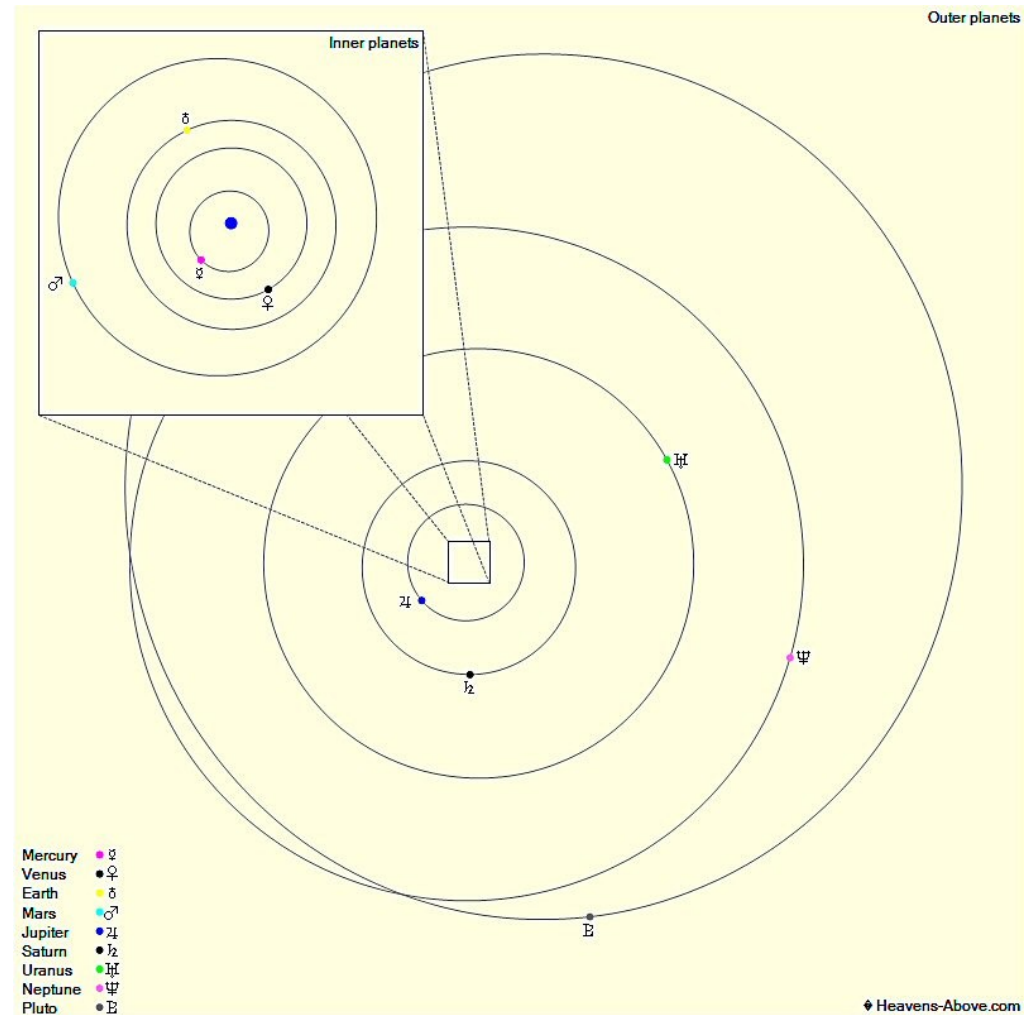


The night sky at 23:00 U.T.C., January 15th 2018

2018 January

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 Venus 1.9° W Mercury West 19:59 Moon Perigee 21:54	2 Moon N Dec 00:01 Full Moon 02:24 Iridium 45 18:22, -4.9, 33°, 162°	3 Perihelion 02:59 Moon-Beehive 19:50 Quadrantids 20:19 Observing, Barby (19:00)	4 Moon A Node 07:48	5 Moon-Regulus 07:24 Iridium 23 17:06, -5.3, 13°, 216° Iridium 22 18:04, -5.6, 12°, 297°	6 Observing, Barby (19:00)
7 Mars-Jup 00:39 Iridium 25 17:26, -5.9, 19°, 289°	8 Last Quarter 22:25	9 Venus Super 06:16	10 Iridium 91 17:52, -5.0, 32°, 180°	11 Moon-Jupiter 05:59	12	13 Mercury-Sat 07:58 Iridium 11 16:22, -6.8, 32°, 277°
14 Iridium 3 16:17, -5.1, 33°, 350°	15 Moon Apo-gee 02:09 Moon-Saturn 02:13 Moon S Dec 16:28	16	17 New Moon 02:17	18 Moon D Node 14:28 Iridium 55 17:25, -5.1, 27°, 199°	19 Observing, Barby (19:00)	20 Iridium 91 17:19, -6.5, 25°, 203°
21 R&DAS Meeting (19:30)	22	23	24 First Quarter 22:20 Iridium 58 17:10, -5.8, 21°, 211°	25 Iridium 95 17:07, -5.8, 20°, 213°	26	27 Moon-Aldeb 10:09 Iridium 57 18:06, -5.0, 12°, 291°
28 ISS, -2.2, 19:10, 29°, SS W	29 Moon N Dec 11:32 ISS, -2.6, 18:19, 28°, SS E Iridium 31 17:02, -5.2, 15°, 223° Iridium 57 17:03, -5.1, 15°, 223°	30 Moon Peri-gee 09:54 Iridium 60 17:19, -5.9, 21°, 281°	31 Moon-Beehive 07:19 Full Moon 13:27 Total Lun Ec 13:30 Moon A Node 18:46	31 ISS, -3.4, 19:02, 55°, SS W		

The Planets, mid month.



Mercury is in Sagittarius with a magnitude of -0.3, a phase of 85%, and a diameter of 5". It rises at 07:13, transits at 10:56, and sets at 14:39. It is visible low in the east before sunrise.

Venus is in Sagittarius with a magnitude of -3.9, a phase of 100%, and a diameter of 10". It rises at 08:32, transits at 12:27, and sets at 16:22. It is currently too close to the Sun to be observed.

Mars is in Libra with a magnitude of +1.3, a phase of 92%, and a diameter of 5". It rises at 03:33, transits at 07:55, and sets at 12:16. It is visible in the morning sky.

Jupiter is in Libra with a magnitude of -1.9 and a diameter of 34". It rises at 03:10, transits at 07:39, and sets at 12:09. It is visible in the morning sky.

Saturn is in Sagittarius with a magnitude of +0.5 and a diameter of 15". It rises at 06:56, transits at 10:44, and sets at 14:32. It is visible low in the east before sunrise.

Uranus is in Pisces with a magnitude of +5.8 and a diameter of 4". It sets at 00:58, rises again at 11:09, and transits at 18:02. It is visible in the evening sky.

Neptune is in Aquarius with a magnitude of +7.9 and a diameter of 2". It rises at 10:05, transits at 15:26, and sets at 20:46. It is visible in the evening sky.