

The Mare—Mare Fecunditatis

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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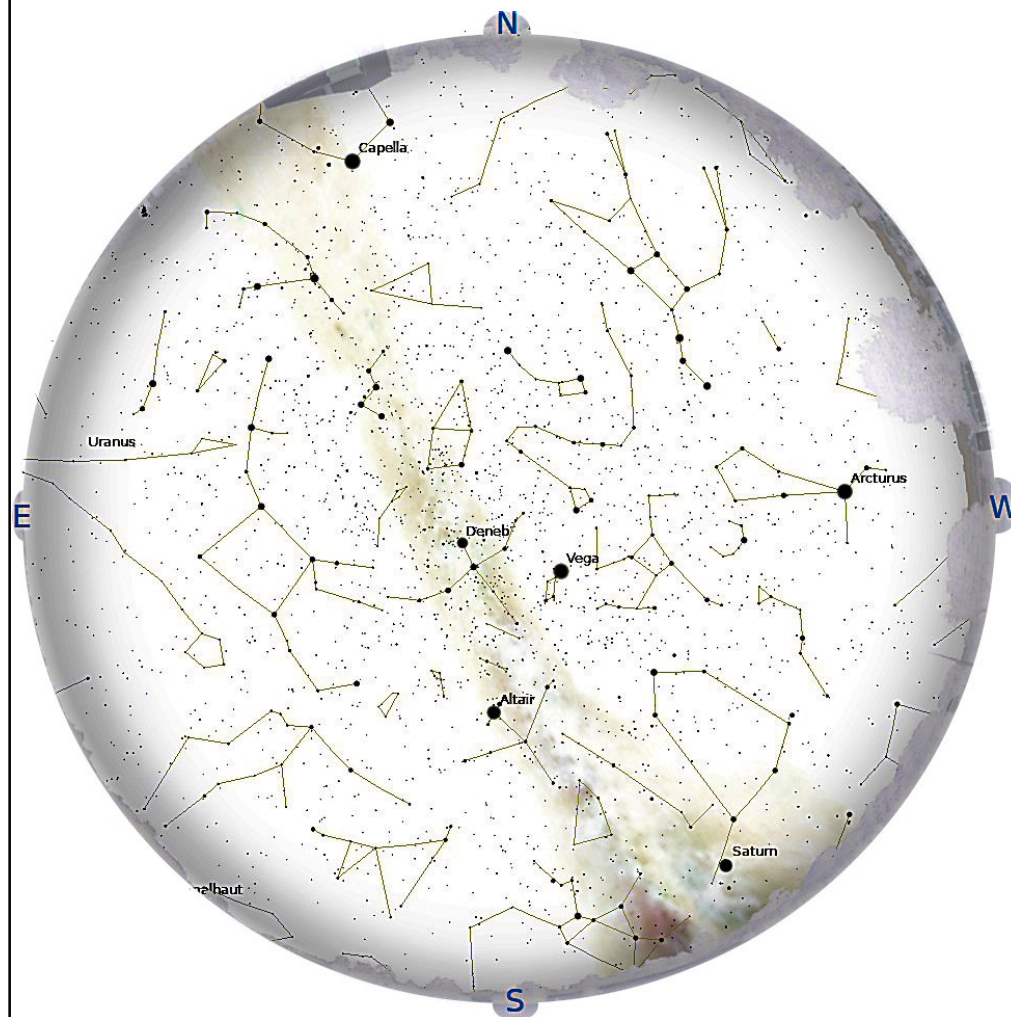
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Rugby & District Astronomical Society

Sky Notes





by Chris Longthorn

September 2017, no 98

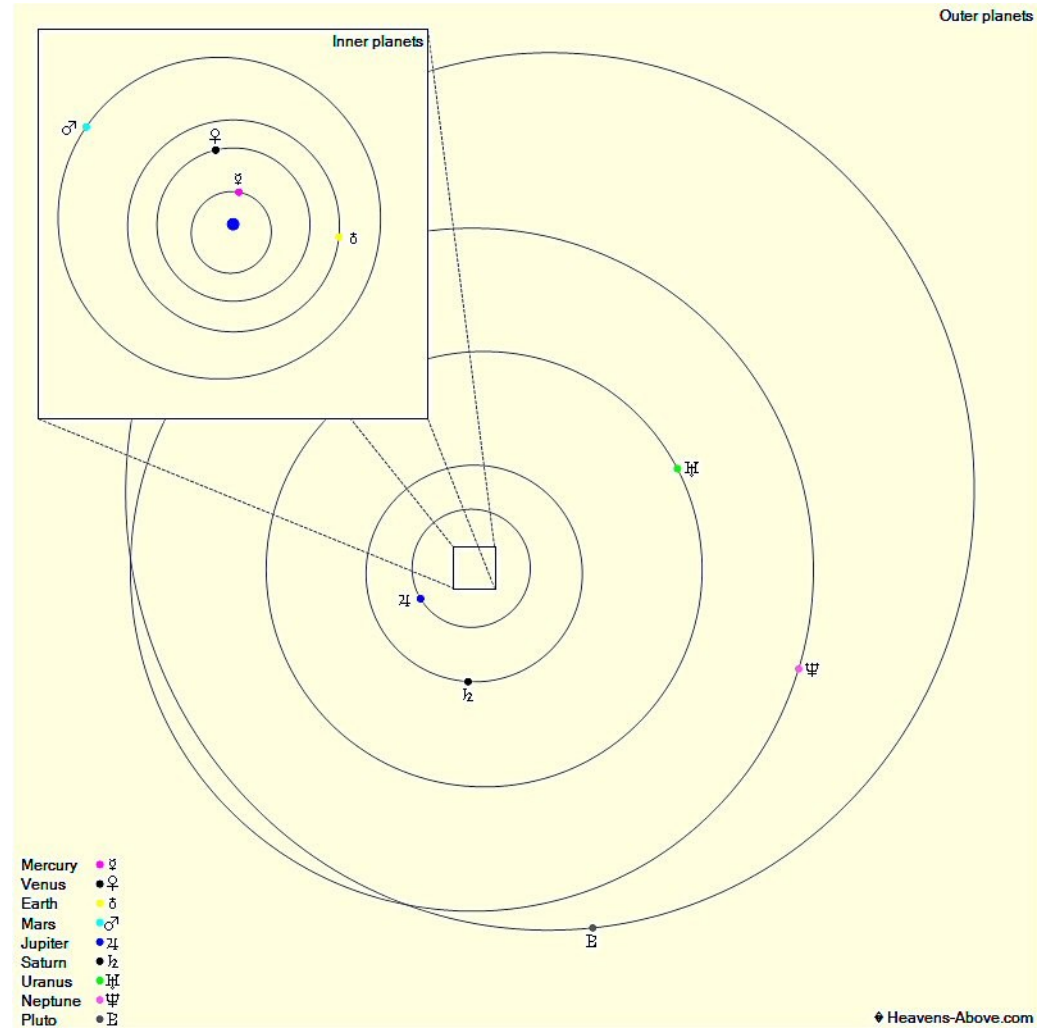


The night sky at 23:00 U.T.C., September 15th 2017

2017 September

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Moon S Dec 03:03 Venus-M44 07:10 Venus 31.7° W Iridium 58 19:52, -7.6, 48°, 349°	2
3	4 Moon D Node 19:41	5 Neptune Opp 05:18	6  6 Full Moon 08:03	7 Iridium 96 21:41, -5.9, 15°, 357°	8	9 Iridium 35 21:19, -6.5, 21°, 357°
10 Mercury- Reg. 06:30 Jup-Spica 22:39	11 Iridium 96 21:06, -6.5, 24°, 358°	12 Mercury West 10:59 Moon- Aldeb 13:09	13  13 Last Quarter 07:25 Moon Peri- gee 17:04	14 Moon N Dec 14:00	15	16 Moon- Beehive 15:50 Mercury- Mars 19:26
17 Moon A Node 19:28 R&DAS Meeting, Church Lawford (19:30)	18 Moon- Venus 01:56 Moon- Regulus 05:32	19 Venus-Reg. 22:30	20  20 New Moon 06:30	21	22 Moon- Jupiter 08:51 Autumn Eq 21:02	23
24	25	26	27 Moon- Saturn 01:09 Moon Apo- gee 07:49	28  28 First Quar- ter 03:54 Moon S Dec 11:06 ISS, -3.1, 20:42, 37°, S	29 ISS, -2.7, 19:50, 28°, SSE	30 ISS, -3.8, 20:33, 258°, SSE

The Planets, mid month.



Mercury is in Leo with a magnitude of -0.7, a phase of 62%, and a diameter of 6". It rises at 04:59, transits at 12:02, and sets at 19:04. It is visible low in the east before sunrise.

Venus is in Leo with a magnitude of -3.9, a phase of 87%, and a diameter of 12". It rises at 03:55, transits at 11:19, and sets at 18:42. It is visible low in the east before sunrise.

Mars is in Leo with a magnitude of +1.8, a phase of 99%, and a diameter of 4". It rises at 05:06, transits at 12:06, and sets at 19:06. It is visible low in the east before sunrise.

Jupiter is in Virgo with a magnitude of -1.7 and a diameter of 31". It rises at 09:48, transits at 15:05, and sets at 20:21. It is visible in the evening sky.

Saturn is in Ophiuchus with a magnitude of +0.5 and a diameter of 16". It rises at 15:02, transits at 18:54, and sets at 22:46. It is visible in the evening sky.

Uranus is in Pisces with a magnitude of +5.7 and a diameter of 4". It transits at 03:17, sets at 10:16, and rises again at 20:15. It is well placed for observation throughout the night.

Neptune is in Aquarius with a magnitude of +7.8 and a diameter of 2". It transits at 00:31, sets at 05:52, and rises again at 19:06. It is well placed for observation throughout the night.