

## M36, Open Cluster (Auriga)

Continuing a series of photograph's of the Messier Objects.



### Rugby & District Astronomical Society

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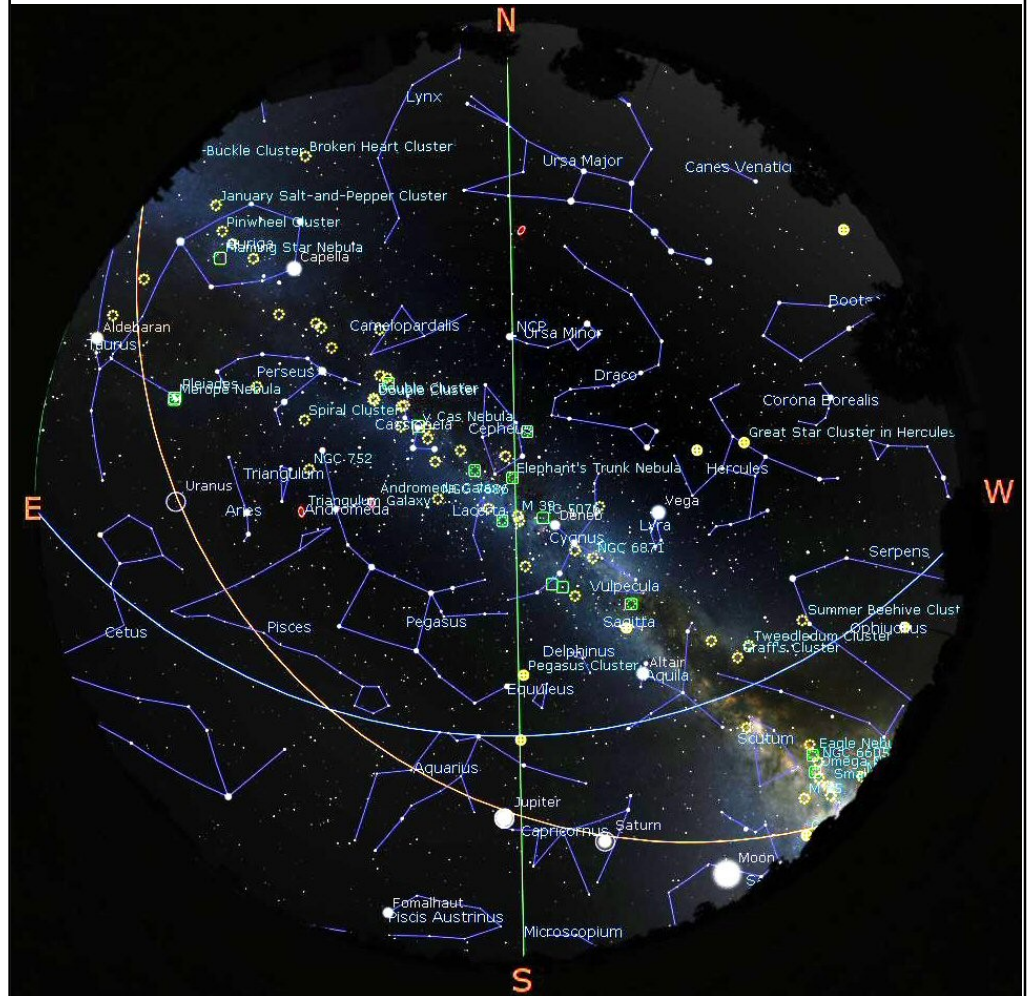
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## Rugby & District Astronomical Society

### Sky Notes





by Chris Longthorn

Sep 2021, no 141

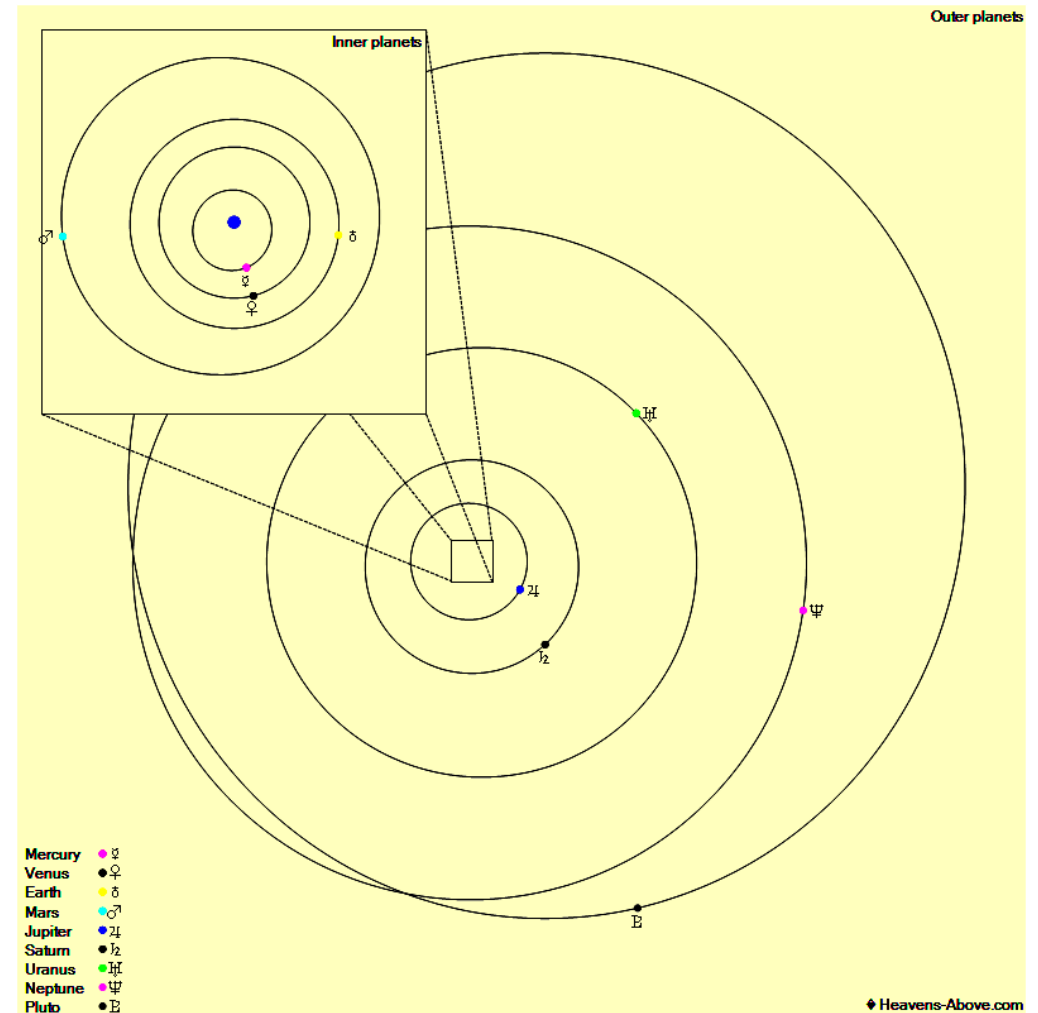


The night sky at 23:00 U.T.C., Sep 15th 2021

# 2021 September

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	 30 <b>Last Quarter 08:13</b>	31	1	2	3	4 <b>Moon-Beehive 05:07</b>
5	6	 7 <b>New Moon 01:52</b>	8	9	10 <b>Moon-Venus 03:09</b>	11
12	 13 <b>First Quarter 21:39</b>	14 <b>Mercury East 04:59</b> <b>Neptune Opp 09:10</b>	15	16	17 <b>Moon-Saturn 03:37</b>	18 <b>Moon-Jupiter 07:50</b>
19 <b>Meeting, Church Lawford 19:30</b>	20 <b>ISS, -3.5, 21:20, 58°, SSW</b>	 21 <b>Full Moon 00:55</b> <b>ISS, -3.6, 20:33, 54°, SSE</b>	22 <b>Autumn Eq 20:21</b> <b>ISS, -3.2, 19:45, 42°, SSE</b>	23 <b>ISS, -3.8, 20:34, 75°, S</b>	24 <b>ISS, -3.7, 19:47, 66°, SSE</b> <b>ISS, -3.1, 21:23, 52°, WSW</b>	25 <b>ISS, -3.8, 20:36, 81°, S</b>
26 <b>ISS, -3.8, 19:49, 81°, S</b>	27 <b>ISS, -3.7, 20:38, 67°, SSW</b>	28 <b>ISS, -3.7, 19:51, 76°, S</b>	 29 <b>Last Quarter 02:57</b> <b>ISS, -3.1, 20:40, 44°, SSW</b>	30 <b>ISS, -3.3, 19:52, 55°, SSW</b> <b>Tianhe-1, 3.6, 06:33, 12°, S</b>	1	2

## The Planets, mid September.



**Mercury** is in Virgo with a magnitude of +0.2, a phase of 54%, and a diameter of 7". It rises at 08:24, transits at 13:34, and sets at 18:43. It is visible low in the west after sunset.

**Venus** is in Virgo with a magnitude of -4.1, a phase of 68%, and a diameter of 17". It rises at 09:50, transits at 14:37, and sets at 19:23. It is visible in the evening sky.

**Mars** is in Virgo with a magnitude of +1.7, a phase of 100%, and a diameter of 4". It rises at 06:22, transits at 12:29, and sets at 18:35. It is currently too close to the Sun to be observed.

**Jupiter** is in Capricornus with a magnitude of -2.8 and a diameter of 48". It sets at 03:00, rises again at 17:28, and transits at 22:12. It is well placed for observation throughout the night.

**Saturn** is in Capricornus with a magnitude of +0.4 and a diameter of 18". It sets at 01:25, rises again at 16:49, and transits at 21:05. It is visible in the evening sky.

**Uranus** is in Aries with a magnitude of +5.7 and a diameter of 4". It transits at 03:17, sets at 10:46, and rises again at 19:44. It is visible in the morning sky.

**Neptune** is in Aquarius with a magnitude of +7.8 and a diameter of 2". It transits at 00:00, sets at 05:40, and rises again at 18:16. It is well placed for observation throughout the night.