

A New Camera (from Hunter McCall)

Hunter has been trying out his new Atik Infinity camera, approx 1.5 megapixels, a low frame rate astro video camera optimised for relatively short exposure astrophotography, primarily for imaging deep sky objects, shown on the right. This is often referred to as EEA (electronically assisted astronomy). So, in reality, it is more of a visual than an astrophotography tool, allowing you to view the images on your laptop virtually in real time.

This is mainly due to the stacking function which is built into the Infinity software. There are a number of other editing features in the software which allow you to optimise the image quality according to your own taste.



Hunter's images, shown in this newsletter, were each captured in 15 minutes or less, so that on a clear night with the telescope in an open position, you could obviously capture a decent number of targets in one night.



Horsehead Nebula in Orion



M42, The Orion Nebula

With the possibility of live broadcasting on several platforms (including You Tube), you can see the potential it gives us to create an interesting event especially in view of the current Covid situation.

Galloway Forest Astronomical Society

Registered Scottish Charity SC035033.

Chairman: Antony Berretti;

Secretary: Doug Snell, 5 Elm Grove, Newton Stewart, DG8 6JT

W: www.gf-astro.org E: members@gf-astro.org

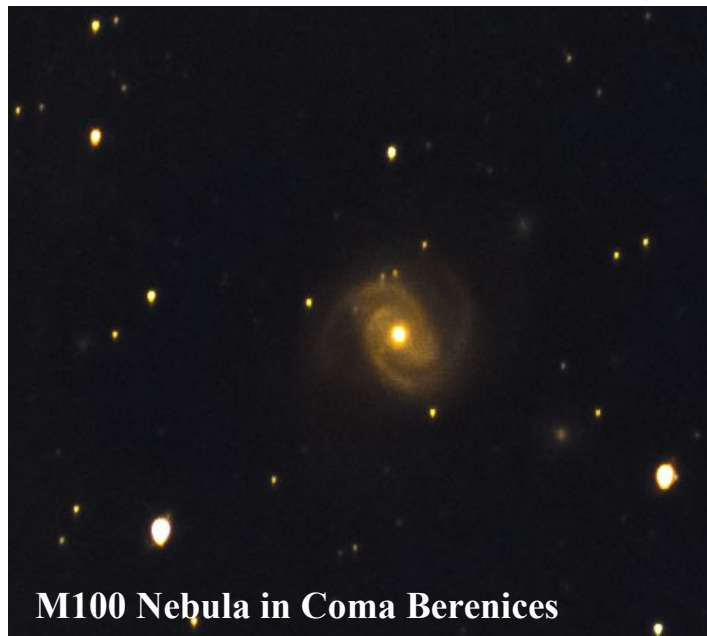
Fb: [@GallowayForestAstronomicalSociety](https://www.facebook.com/GallowayForestAstronomicalSociety)

TESCO

Bags of Help

Supported by Kilgallioch Community Fund
with funding from ScottishPower Renewables' Kilgallioch Wind Farm





M100 Nebula in Coma Berenices



Gibbous moon, 80mm refractor

a single exposure at 100 iso, 1/80th of a sec

Two more images from the Atik Infinity Camera on the 80mm refractor

February 2021

Observing Calendar

Here is the calendar of night-sky events, taken from the **In-The-Sky.org** website.

On the 19th the Moon and Mars approach closely. Best viewed between 5pm and 7pm, when they will be south of the Pleiades.

Later in the evening M81, Bode's Nebula in Ursa Major, should be a good target in the northern sky.

Mercury rises around 6:30 am on the 24th.

GFAS Membership

We always welcome new members, especially juniors who join for free, and our two-years-for-the-price-of-one subscription offer still holds, so if you join now you won't pay again until October 2022! Just email for an application form!

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 Asteroid 18 Melpomene at opposition	3	4 Moon at Last Quarter	5	6
7 NGC 2808 is well placed	8 α-Centaurid meteor shower 2021 Mercury at inferior solar conjunction	9	10 Conjunction of the Moon and Saturn	11 New Moon	12	13
14	15	16	17	18 Conjunction of the Moon and Mars	19 Close approach of the Moon and Mars Moon at First Quarter M81 is well placed	20 NGC 3114 is well placed
21	22 Asteroid 29 Amphitrite at opposition	23	24 Mercury reaches highest point in morning sky	25	26	27 Full Moon IC2581 is well placed
28						

Galloway Forest Astronomical Society