



# OASI News

The newsletter of Orwell Astronomical Society (Ipswich)



*M74 [40 minutes stacking]*



*M76 [30 minutes stacking]*

The latest images from the Society's SeeStar S50. The planetary nebula M76 – the Lesser Dumbbell Nebula, the smaller brother of M27 Dumbbell Nebula.

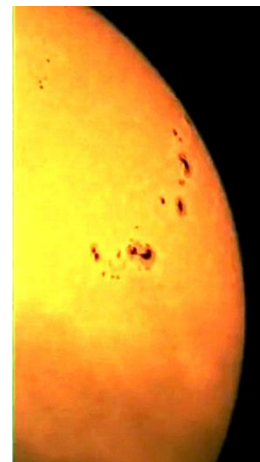
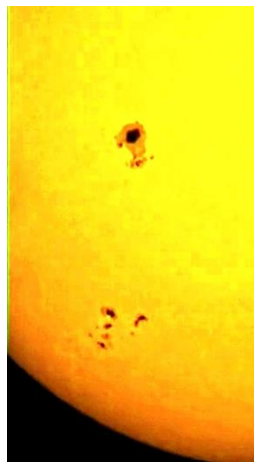
The spiral galaxy M74, also known as the Phantom Galaxy given its surprisingly low surface brightness.

Thirdly, an image of the Sun from Sunday 6<sup>th</sup> October, showing some fantastically detailed sunspot formations, despite the low level cloud flitting past. These sunspot groups are officially classed as “growing”, and have already produced an X7.1 major solar flare. So keep an eye out for possible auroral activity over the next few days.

NASA scientists are now beginning to think that this solar cycle has now passed its maximum, but it has fooled us before!

All the images were sharpened using Microsoft Essentials Picture Editor.

Paul Whiting



## Society Notices

### **Open Weekend- Friday and Saturday 25th/26th October**

Dear Members,

This year has flown by and I can't believe that we are now taking bookings for our Christmas meal!

This takes place at the Newbourne Fox on Thursday 5th December at 8:00pm. If you would like to book your place, please see Roy Gooding at one of our meetings at Newbourne or Orwell Park, or contact him via email [secretary@oasi.org.uk](mailto:secretary@oasi.org.uk)

### **Open Weekend- Friday and Saturday 25th/26th October**

Orwell Astronomical Society are finalising plans to hold our Open Weekend at Orwell Park Observatory in October.

Our last event in 2022 attracted record numbers of visitors, which was pleasing to see, but this caused considerable problems with overcrowding and long queues, and on the Friday evening in particular, we were in danger of being overwhelmed.

In order to avoid a repeat this year, we aim to limit the number of visitors. But the scale of the event we can provide is wholly dependent on the number of members who volunteer to help out. I would like to thank all members who have offered to help out so far, but we do need more help to safely run the event.

On the 25th and 26th October, we will be open to the public between, 19:00 and 22:00, so if you are able to help out, we would need volunteers at the Observatory from 18:00 to 23:00, to assist with setting-up and clearing away.

The roles required are:

- Tomline Refractor operating.
- Telescopes on the sports field. (You can bring your own or use one of the Societies instruments).
- Meeting and Greeting.
- Car Parking.

The Open Weekend is OASI's most important outreach event of the year, as public engagement of the Observatory and astronomy is one of the key objectives listed in the constitution of our Society.

If you are able to help out in any way on either or both days, please let myself or any other Committee know. You do not need to be an expert on the Observatory or astronomy and training can be provided, if necessary.

Thank you,

Andy Gibbs,  
Chairman.

## Society Contact details

Website:	<a href="https://www.oasi.org.uk">https://www.oasi.org.uk</a>
Events:	<a href="https://www.oasi.org.uk/Events/Events.php">https://www.oasi.org.uk/Events/Events.php</a>
Email queries:	<a href="mailto:info@oasi.org.uk">info@oasi.org.uk</a>
Submissions for Newsletter:	<a href="mailto:news@oasi.org.uk">news@oasi.org.uk</a>
Members-only message board:	<a href="https://groups.io/g/OASI">https://groups.io/g/OASI</a>
Observatory (meeting nights only):	07960 083714

## Social Media

For other astronomy news and astro pictures try our socials:

Facebook:	<a href="https://www.facebook.com/groups/445056098989371">https://www.facebook.com/groups/445056098989371</a>
YouTube:	<a href="https://www.youtube.com/@orwellastronomical425">https://www.youtube.com/@orwellastronomical425</a>

## Articles for OASI News

News, pictures and articles for this newsletter are always welcome.

Please send tables as separate files in one of these formats (Excel, .csv, OpenOffice)

If you don't feel up to writing a major article, perhaps you might write a short note for OASI News along the lines of "This month I have mostly been observing/constructing/mending/reading/etc."

Please send material for the OASI web site and newsletter e.g., observations, notices of events, general interest articles, to [news@oasi.org.uk](mailto:news@oasi.org.uk)

The CLOSING date is the **15th** day of the month (i.e. 15<sup>th</sup> July).

The Newsletter archive is at [www.oasi.org.uk/NL/NL\\_form.shtml](http://www.oasi.org.uk/NL/NL_form.shtml)

Authors, please note that your articles will be publicly available worldwide!

## Reproducing articles from OASI News

If you plan to reproduce an article exactly as per OASI News then please contact the Editor – otherwise, as a matter of courtesy, please seek permission from and credit the original source/author. You may not reproduce articles for profit or other commercial purpose.

## Meetings and events

We have regular meetings on the 2<sup>nd</sup> and 4<sup>th</sup> Monday of the month (usually) at **Newbourne Village Hall**, and every Wednesday at **Orwell Park**. Night sky observing will usually take place when the skies are clear.

## OASI @ Orwell Park

There are regular meetings every Wednesday evening from 8pm. Access is controlled by a gate and a fob. The entrance is gate 2 is on Church Road, What3Words is [tour.fuse.banks](http://tour.fuse.banks)

### Access into the School Grounds and Observatory Tower

The route is as follows:

- Enter through gate 2 (gate 1 being the main gate) and park inside as per the attached map.
- Enter the school through the double black doors as indicated on the map. A key fob will be required to open the door.
- Continue straight through the next two sets of double doors.
- Turn left at the end of the short corridor then immediately right.
- Pass through the single door and on your left you will find the staircase leading to the observatory.
- On no account must you deviate from this route.



When leaving the observatory use the same route but in reverse. Please keep noise to a minimum as there are staff quarters nearby.

## OASI @ Newbourne

[newbourne@oasi.org.uk](mailto:newbourne@oasi.org.uk)

We meet at Newbourne Village Hall, Mill Lane, IP12 4NP  
on the 2nd and 4th Mondays from 19:30.

What3Words **scars.atlas.printing**

**Visitors are welcome but we do ask you to join the  
Society after two visits.**

<http://www.oasi.org.uk/OASI/Membership.php>

### Newbourne dates for 2024

October	14	28 (S)
November	11	25 (A/S)
December	09 (Q)	

We open up for all meetings at 7:30pm.

Astro News (A) / Star Guide (S) at 7:45pm followed by any Talks (T), Workshops (W) and occasional Quiz (Q).

# indicates a change to the normal monthly pattern.

## OASI and BAA Events

For the latest event details, please check our website and social media.

## BAA news & webinars

For full details of all meetings or cancellations, please go to <https://britastro.org/events/future-events>

Wednesday 30th October 2024 17:30-20:00 BAA Meeting & AGM

Venue: INSTITUTE OF PHYSICS, 37 Caledonian Road, London, N1 9BU

### The BAA Radio Astronomy Section

The BAA Radio Astronomy Section have been enjoying talks, seminars and tutorials via Zoom and these are available on the BAA YouTube channel <https://www.youtube.com/user/britishastronomical/playlists>.

