

Club Meetings

We meet at Woodmansey Village Hall at 7pm on the first Monday of each month. We also meet on Zoom on the other Mondays at 7:30. If you want to just visit or even join the Club then come along to the Village Hall on one of these dates in 2024:

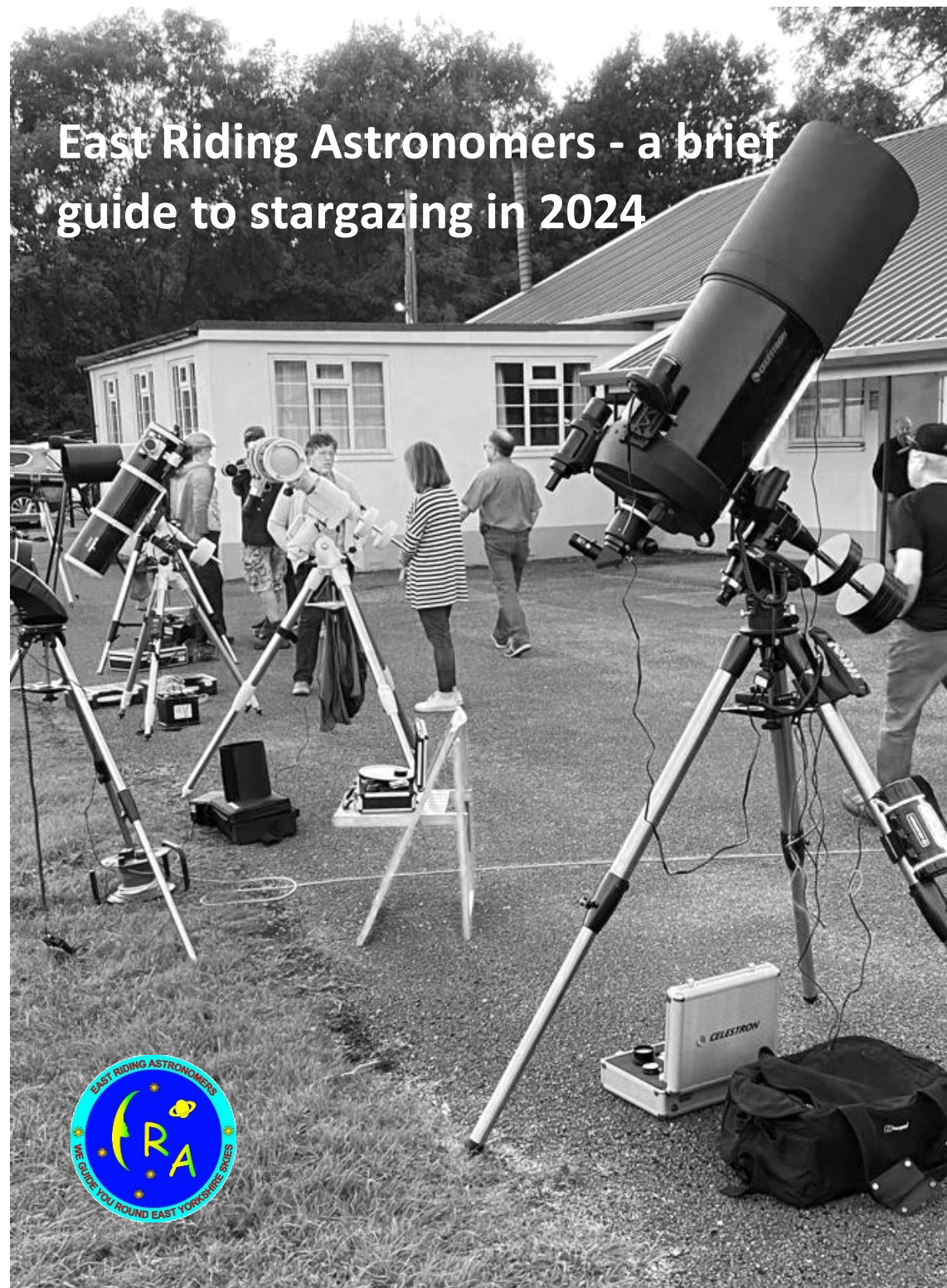
1st January	1st April	July**	7th October
5th February	6th May	5th August	4th November
4th March	June**	2nd Sept	2nd December

** We usually do not have Club meetings in June and July, but we often organise activities/events during the summer.

You can contact our Club Secretary by email: erastrosec@hotmail.com

Getting Help with Astronomy

As a Club we are happy to help everyone whether you have a casual interest in stargazing, are thinking of buying your first telescope or are already invested in this hobby. We are not the only Club in the region so to find out more about other Clubs and Societies and other sources of help please visit our website Eastridingastronomers.org/Help.html or use this QR code on your smartphone or tablet.



New Moons / Full Moons

There are 8 phases of the moon – new, waxing crescent, first quarter, waxing gibbous, full, waning gibbous, third quarter, waning crescent and back to new. The full cycle takes around 29.5 days. Here are the dates for 2024. Club meetings are near to last quarter or new moons, ensuring darker nights.

Month (2024)	New	1 st Quarter	Full	Last Quarter	Club Meets
January	11 th	17 th	25 th	3 rd	1 st
February	9 th	16 th	24 th	2 nd	5 th
March	10 th	17 th	25 th	3 rd	4 th
April	8 th	15 th	23 rd	1 st	1 st
May	7 th	15 th	23 rd	1 st & 30 th	6 th
June	6 th	14 th	21 st	28 th	TBC
July	5 th	13 th	21 st	27 th	TBC
August	4 th	12 th	19 th	26 th	5 th
September	2 nd	11 th	17 th	24 th	2 nd
October	2 nd	10 th	17 th	24 th	7 th
November	1 st	9 th	15 th	22 nd	4 th
December	1 st	8 th	15 th	22 nd	2 nd

Things to see through a small telescope, binoculars or by eye.

January 2024: Quadrantid meteor shower peaks 3rd/4th (runs 12th Dec23 to 12th Jan24). Close encounters with the moon this month – Saturn (14th), Neptune (15th), Jupiter (18th), Uranus (19th) and Pleiades (20th).

February 2024: Andromeda galaxy still high in the sky. Last opportunity to see Jupiter well until November. Venus joins Jupiter in the western night sky in late February. 22nd sees the pair joined by a crescent moon. Mars is high in the southern sky early Feb as is Uranus. Neptune also visible.

March 2024: Spring Equinox (20th) Mercury low after sunset (best around 24th), partial lunar eclipse (maybe visible in UK) (25th),

April 2024: Lyrid meteor shower (14-30th, peaks 23rd) – full moon will wash out dimmer meteors. Total solar eclipse N America (8th),

May 2024: ERA AGM 6th May eta Aquariid meteor shower (peaks 6th). Mercury best views in morning sky around 9th.

June and July 2024: ERA usually does not meet face to face during the summer unless we organise special events. Perhaps we will see noctilucent clouds this summer.

August 2024: Perseid meteor shower (peaks 12th). Lunar occultation of Saturn (21st 03:30 hrs)

September 2024: Autumn Equinox (22nd) Aurigid meteors (peaks), ϵ -Perseids (, peaks). Oppositions: Saturn (8th) Neptune (21st), partial lunar eclipse 17th

October 2024: A great month for meteor showers that peak on.... Camelopardalid (, Draconid (, Southern Taurid (, δ -Aurigid (, ϵ -Geminid (, Orionid (21st), Leonis Minorid ().

November 2024: Meteor showers also dominate November with peaks on... Northern Taurid (, Leonid (, α -Monocerotid (, November Orionid (). Jupiter now high in our skies

December 2024: December continues to be active for meteor showers that peak on... Monocerotid (, α -Hydrid (, Geminid (14th), Comae Berencid (, Leonis Minorid (and Ursid (, ζ -antaclaus (25th). Lunar occultation of Mars (18th 09:00 hrs)

Planetary Oppositions: Saturn (8/9) Neptune (21/9), Uranus (17/11), Jupiter (7/12)

Other Activities: To be confirmed, lunar observing sessions, meteor parties, solar observing, Beverley market stall, WhatsApp groups, zoom meetings, trips.