

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 or Tuesdays 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 2025:

6th January	7th April	July**	6th October
3rd February	5th May (AGM)	4th August	3rd November
3rd March	June**	1st September	1st 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.uk/Help or use this QR code on your smartphone or tablet.



East Riding Astronomers - a brief guide to stargazing in 2025



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 2025. Club meetings are near to last quarter or new moons, ensuring darker nights.

Month (2025)	New	1 st Quarter	Full	Last Quarter
January	29	6	13	21
February	28	5	12	20
March	29	6	14	22
April	27	5	13	21
May	27	4	12	20
June	25	3	11	18
July	24	2	10	18
August	23	1&31	9	16
September	21	29	7	14
October	21	29	7	13
November	20	28	5	12
December	20	27	4	11

Meteor shower dates 2025 (in bold peak 100+/hr)

Quadrantids -4 January peak. 26 Dec-12 Jan range. 100+/hr

Lyrids -22 April peak. 16-25 April range.

Eta Aquariids -5 May peak. 19 Apr-28 May range

Alpha Capricornids-30 July peak. 3 July-15 Aug range

Delta Aquariids -30 July peak. 12 July-23 Aug range.

Perseids-12 August peak. 17 July-24 Aug range.

Draconids -8 October peak. 6-10 October range.

Orionids-22 October peak. 2 Oct-7 Nov range.

Taurids-Northern: 12 Nov peak. 20 Oct-10 Dec range.

Leonids-17 November peak. 6-30 November range.

Geminids-14 December peak. 4-20 December range.

Ursids -22 December peak. 17-26 December range.

Other notable events in 2025

National Astronomy Week: 1st to 9th February 2025. See our NAW25 page for details.

Venus: 10 January, highest point above evening horizon. Look to the west.

Saturn is very close on Jan 18th.

Mars: Closest approach on 16 January.

Mercury: 8 March and 4 July, highest point above evening horizon. Look to the west. Moon close approach to Mercury on June 26th.

Lunar : Partial eclipse around moonset. Look to west around 6am on 14th March.

Partial solar eclipse: 29 March partial solar eclipse late morning. **Take care or your eyes.**

Saturn: September 21 opposition/closest approach to Earth.

Neptune: September 23 opposition/closest approach to Earth.

Uranus: November 21 opposition/closest approach to Earth.

Jupiter: There is no 2025 opposition/closest approach to Earth. Jan 10 2026 is next. However, Jupiter and Venus are close together on the 12th August.

Occultations

Lunar occultation of Saturn ((4th Jan) and Venus (19th Sept).