



AGM 2020

We held our AGM on-line via Zoom on 24th October. 10 members attended so we were able to get through the agenda securely and can now complete our annual report to OSCR, the Office of the Scottish Charities Registrar. Many thanks to those who joined in.

National Astronomy Week is Going Ahead!

Despite the mayhem caused by Covid-19, the Royal Astronomical Society is planning a full week of on-line events for stargazers to login to. You can find full details on the NAW webpage at <https://astronomyweek.org.uk/>

November's Calendar of Astronomical Events

The British Astronomical Association maintains an observing calendar on its website at <https://britastro.org/observing>. Here is an abstract of the Calendar for November 2020. Mars dominates the month, being close to its closest approach to Earth, and coming into conjunction with the Moon on the 25th. There is also a double conjunction of the Moon with both Jupiter and Saturn, on the 19th. There are Stellarium previews of both of these events on Page 2. November should be a busy month for those of us able to get out and observe.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Asteroid 8 Flora at opposition	2 Mercury at perihelion	3	4	5	6	7
8 C/2020 M3 (ATLAS) reaches its brightest Moon at Last Quarter Mercury at dichotomy	9 Mercury reaches highest point in morning sky	10 Mercury at greatest elongation west	11	12 Northern Taurid meteor shower 2020 Conjunction of the Moon and Venus	13 Conjunction of the Moon and Mercury	14 The Moon at perigee
15 New Moon Conjunction of Jupiter and Pluto	16 The Moon at perihelion	17 Leonid meteor shower 2020 M45 is well placed	18	19 Conjunction of the Moon and Jupiter Conjunction of the Moon and Saturn	20	21 α-Monocerotid meteor shower 2020
22 Moon at First Quarter	23	24	25 Conjunction of the Moon and Mars Close approach of the Moon and Mars	26	27 The Moon at apogee	28 November Orionid meteor shower 2020 The Moon at aphelion
29	30 Full Moon Penumbral lunar eclipse					

GFAS Membership BuyOneGetOneFree!

At the AGM, because of Covid-19, we decided to offer members a two-years-for-the-price-of-one subscription, so if you join now you will stay a member until October 2022! Email members@gf-astro.org for an application form or download one from the GFAS website www.gf-astro.org. Subs are unchanged - £25.00 family, £15.00 adult, £0.00 (free) Junior or FTE

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

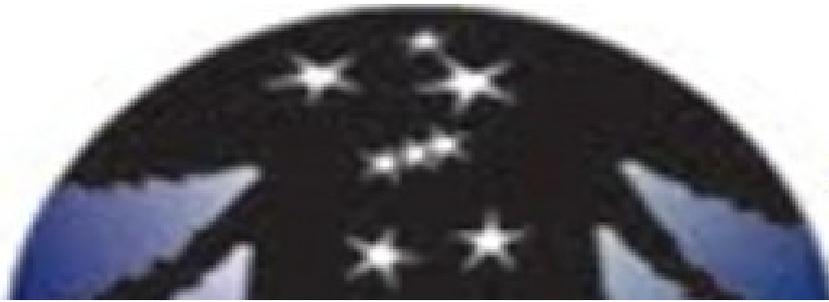
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Moon Jupiter Saturn 19 Nov

The Moon and Jupiter will share the same right ascension, with the Moon passing 2°29' to the south of Jupiter. The Moon will be 4 days old. At around the same time, the two objects will also make a close approach, technically.

At around 5:30 pm on the 19th, the three will be visible low in the SSW. Mars will also be visible, higher in the SE. They will then sink towards the horizon, setting 3 hours and 46 minutes after the Sun at 19:52.

The Moon will be at mag -11.1, and Jupiter at mag -2.1, both in the constellation Sagittarius.

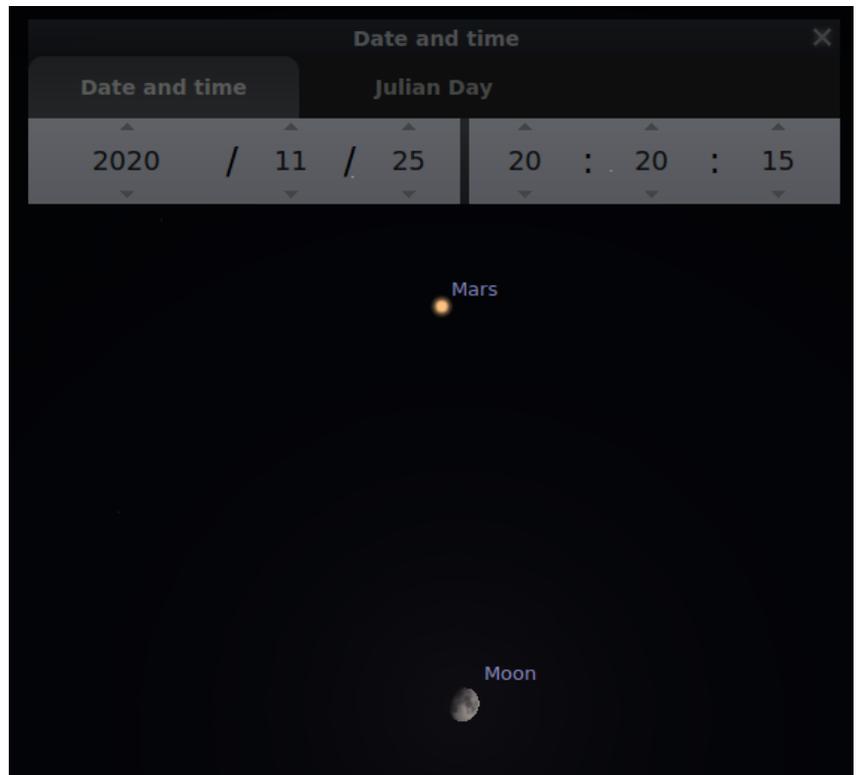
Moon Mars conjunction 25 Nov

The Moon and Mars will share the same right ascension, with the Moon passing 4°54' to the south of Mars. The Moon will be 10 days old. At around the same time, the two objects will also make a close approach.

The pair will be visible in the evening sky, becoming accessible around 16:30 (GMT) as the dusk sky fades, 18° above your eastern horizon. They will then reach their highest point in the sky at 20:49, 42° above your southern horizon. They will continue to be observable until around 02:31, when they sink below 7° above your western horizon.

The Moon will be at mag -12.3 in the constellation Cetus, and Mars at mag -1.3 in the neighbouring constellation of Pisces.

The pair will be too widely separated to fit within the field of view of a telescope, but will be visible to the naked eye or through a pair of binoculars.



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