

# THE NIGHT SKY – NOVEMBER

Explore the celestial sphere with our Northern Hemisphere all-sky chart

### KEY TO STAR CHARTS

- STAR NAME** (Ardurus)
- CONSTELLATION NAME** (PERSEUS)
- GALAXY**
- OPEN CLUSTER**
- GLOBULAR CLUSTER**
- PLANETARY NEBULA**
- DIFFUSE NEBULOSITY**
- DOUBLE STAR**
- VARIABLE STAR**
- THE MOON, SHOWING PHASE**
- COMET TRACK**
- ASTEROID TRACK**
- STAR-HOPPING PATH**
- METEOR RADIANT**
- ASTERISM**
- PLANET**
- QUASAR**
- STAR BRIGHTNESS:**
  - MAG. 0 & BRIGHTER
  - MAG. +1
  - MAG. +2
  - MAG. +3
  - MAG. +4 & FAINTER
- COMPASS AND FIELD OF VIEW**
- MILKY WAY**

## When to use this chart

- 1 November at 00:00 UT
- 15 November at 23:00 UT
- 30 November at 22:00 UT

On other dates, stars will be in slightly different positions because of Earth's orbital motion. Stars that cross the sky will set in the west four minutes earlier each night.

## How to use this chart

- Hold the chart so the direction you're facing is at the bottom.
- The lower half of the chart shows the sky ahead of you.
- The centre of the chart is the point directly over your head.



## Sunrise/sunset in November\*

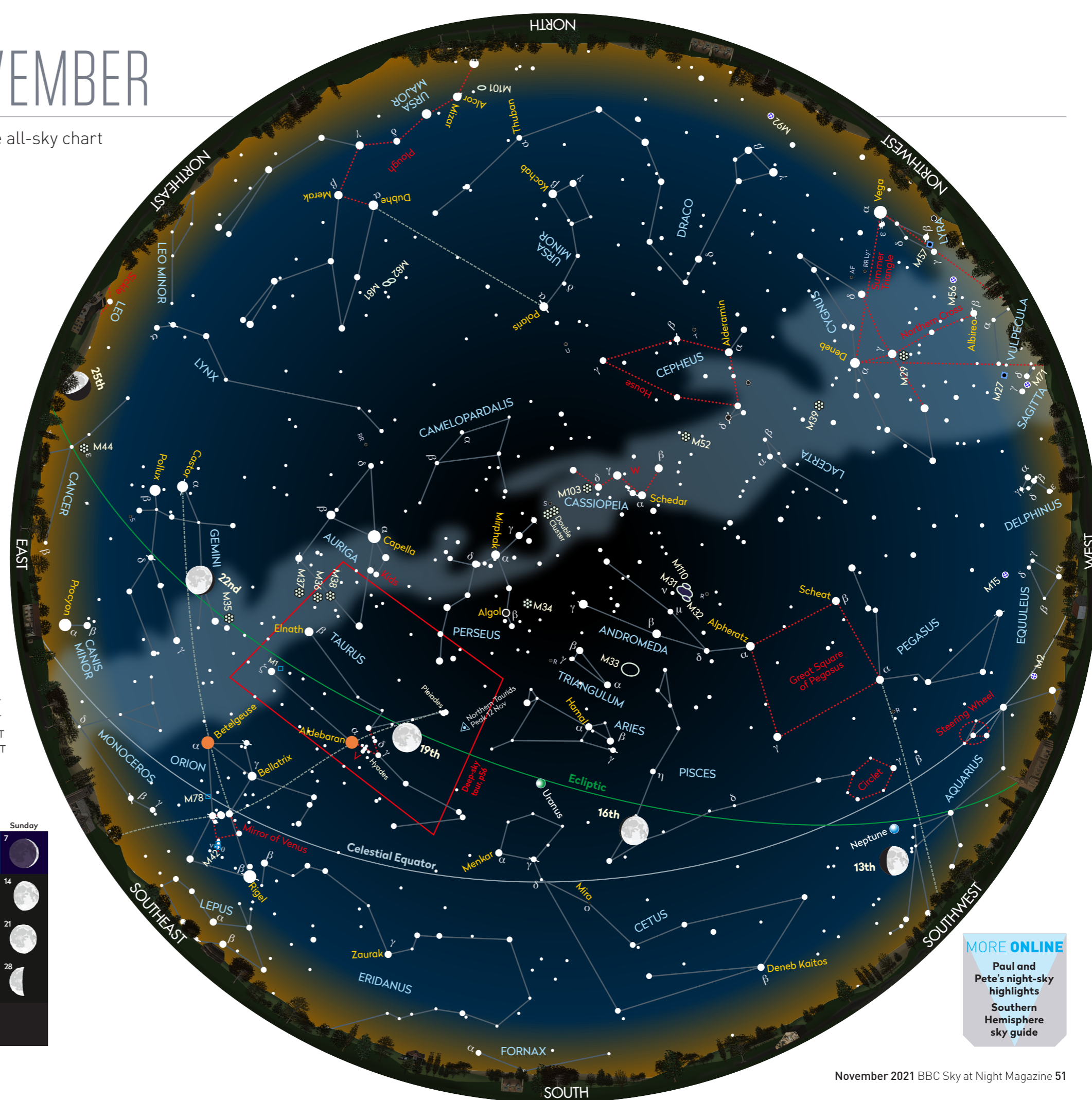
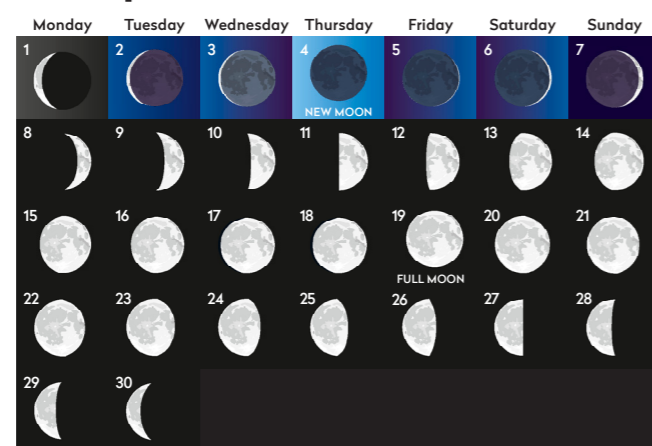
Date	Sunrise	Sunset
1 Nov 2021	07:09 UT	16:37 UT
11 Nov 2021	07:28 UT	16:19 UT
21 Nov 2021	07:47 UT	16:05 UT
01 Dec 2021	08:03 UT	15:55 UT

## Moonrise in November\*

Date	Moonrise times
1 Nov 2021	01:59 UT
5 Nov 2021	07:55 UT
9 Nov 2021	13:15 UT
13 Nov 2021	14:53 UT
17 Nov 2021	15:39 UT
21 Nov 2021	17:05 UT
25 Nov 2021	20:59 UT
29 Nov 2021	00:56 UT

\*Times correct for the centre of the UK

## Lunar phases in November



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 Paul and Pete's night-sky highlights  
 Southern Hemisphere sky guide