

The Evening Sky Map

FREE* EACH MONTH FOR YOU TO EXPLORE, LEARN & ENJOY THE NIGHT SKY

Sky Calendar – December 2024

Follow on Bluesky
skymaps.com/bsky/

- New Moon** at 6:21 UT. Start of lunation 1261.
- Mars 2.1° NNW of Beehive Cluster** at 23h UT (morning sky). Mag. -0.6.
- Moon near Venus** at 1h UT (evening sky). Mag. -4.2.
- Mercury at inferior conjunction** with the Sun at 2h UT. The innermost planet passes into the morning sky.
- Jupiter at opposition** at 21h UT. This is the best time to view the largest planet in the Solar System. Mag. -2.8.
- Moon near Saturn** at 9h UT (evening sky). Mag. 1.0. Occultation visible from E. Indonesia, Japan, eastern Philippines and north-western Papua New Guinea.
- First Quarter Moon** at 15:27 UT.
- Moon at perigee** (closest to Earth) at 13:24 UT (distance 365,361km; angular size 32.7").
- Moon near the Pleiades** at 19h UT (evening sky).
- Geminid Meteor Shower** peaks in a broad maximum centred at 1h UT. Active December 4–17. Produces bright, medium-speed meteors at its peak (up to 80 meteors/hour). The best and most reliable of the major annual showers. Just before Full Moon so poor viewing conditions this year.
- Moon near Jupiter** at 19h UT (evening sky). Mag. -2.8.
- Full Moon** at 9:01 UT.
- Moon near Mars** at 10h UT (morning sky). Mag. -0.9.
- Moon near Regulus** at 9h UT (morning sky).
- December solstice** at 9:19 UT. The time when the Sun reaches the point farthest south of the celestial equator marking the start of winter in the Northern Hemisphere and summer in the Southern Hemisphere.
- Last Quarter Moon** at 22:19 UT.
- Moon at apogee** (farthest from Earth) at 7h UT (distance 404,485km; angular size 29.5").
- Moon near Spica** at 21h UT (morning sky). Occultation visible from eastern China, Japan, North Korea and South Korea.
- Mercury at greatest elongation west** at 2h UT (22° from Sun, morning sky). Mag. -0.3.
- New Moon** at 22:27 UT. Start of lunation 1262.

More sky events and links at <http://Skymaps.com/skycalendar/>

All times in Universal Time (UT). (Singapore Standard Time = UT + 8 hours.)



Help Support The Evening Sky Map

Freely shared with sky watchers worldwide since January 2000

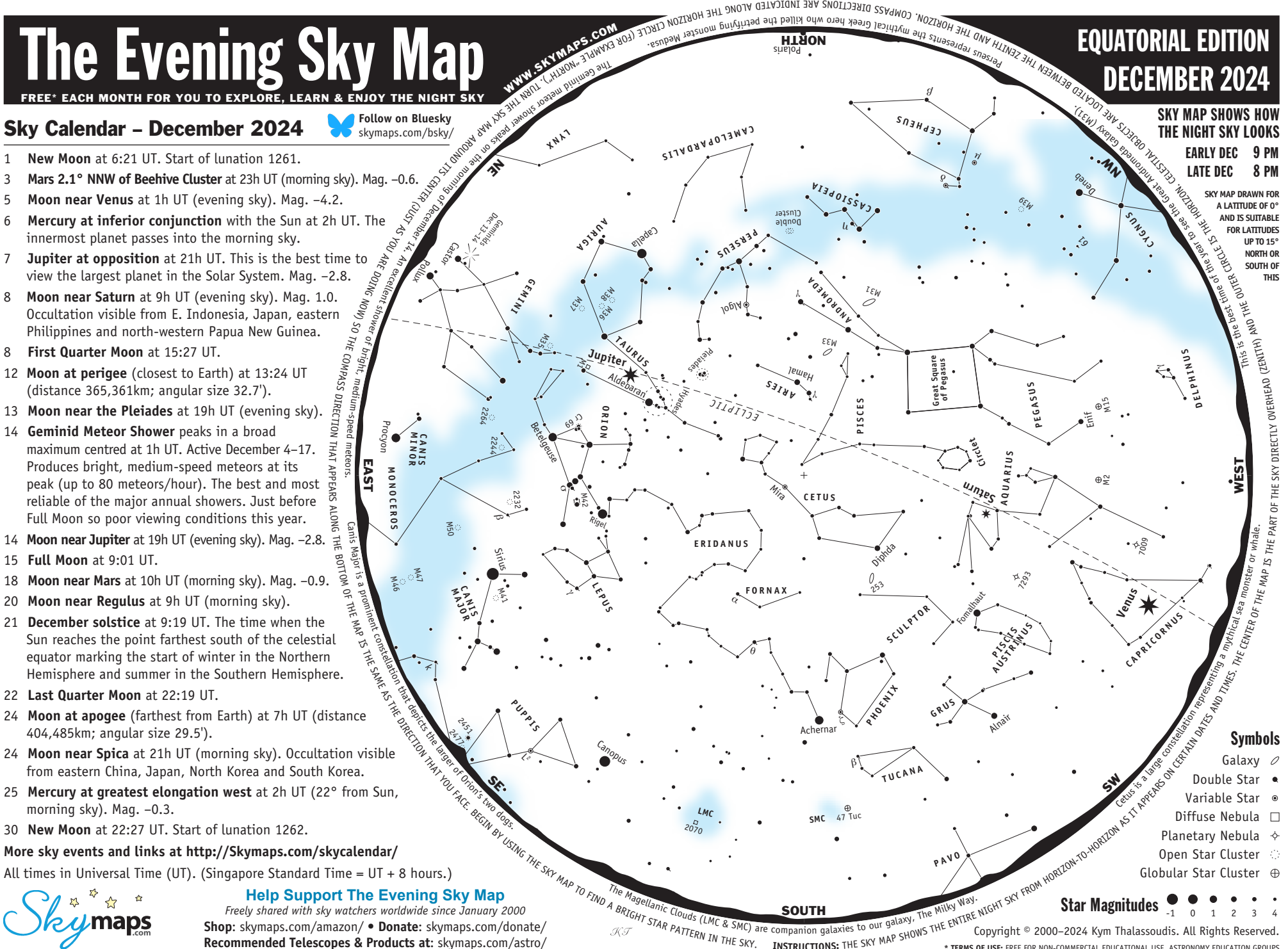
Shop: skymaps.com/amazon/ • Donate: skymaps.com/donate/
Recommended Telescopes & Products at: skymaps.com/astro/

EQUATORIAL EDITION DECEMBER 2024

SKY MAP SHOWS HOW
THE NIGHT SKY LOOKS

EARLY DEC 9 PM
LATE DEC 8 PM

SKY MAP DRAWN FOR
A LATITUDE OF 0°
AND IS SUITABLE
FOR LATITUDES
UP TO 15°
NORTH OR
SOUTH OF
THIS



Symbols

- Galaxy ○
- Double Star ●●
- Variable Star ⊙
- Diffuse Nebula □
- Planetary Nebula ☆
- Open Star Cluster ○
- Globular Star Cluster ⊕

Star Magnitudes ●●●●●
-1 0 1 2 3 4

Copyright © 2000–2024 Kym Thalassoudis. All Rights Reserved.

* TERMS OF USE: FREE FOR NON-COMMERCIAL EDUCATIONAL USE. ASTRONOMY EDUCATION GROUPS
MAY FREELY DISTRIBUTE PRINTED HANDOUTS. FULL DETAILS AT <http://Skymaps.com/terms.html>

