

Where is the Moon located?

Moon - See the current position of the Moon! Moon, or Luna in Latin, is planet Earth's one and only natural satellite and the brightest object in the night sky. With a diameter of 2,159.2 miles (or 3,474 km), it is roughly the size of the African continent and is the largest lunar body relative to the size of the object it orbits around.

Where can I find information on the current lunar phase?

For more advanced information on the current lunar phase, you can also visit Current Moon Phase &Librationor use the awesome online app Moon Phaser. And, of course, for more general information on the Moon's current circumstances you can always check out the Moon Viewed from Earth, as well as the Moon's Current Location in the Constellations.

#### Where is the Moon from Greenwich?

Today's rise,transit and set times of The Moon from Greenwich,UK (all times relative to the local timezone Europe/London): Moon is above the horizonfrom Greenwich,UK. Right now it is placed in the South-East direction at an altitude of 3.51 ° above the horizon.

Why is the Moon not visible from my location?

Right now, from the selected location (Greenwich, UK), The Moon is not visible because it is below the horizon. You can check The Moon Rise and Set Times to know when The Moon will rise from your location. Apparent coordinates:

What if astronauts were on the Moon Right Now?

So if astronauts were on the Moon right now, to them our planet would be exhibiting a phase that--in terms of the proportion visible in sunlight--is the complement of the lunar phase that we currently see from Earth! The scrollable image just below confirms that the Moon is near First or Last Quarter when it crosses Earth's orbit.

#### Where can I find information about the Moon's nodal passages?

This Sky Events Almanac from the excellent AstroPixels.comsite gives the times of the Moon's nodal passages, as well as the times of lunar phases, and our View from the Sun: Interactive View lets you examine them more closely. The Moon's passages through its orbit's nodes become particularly important near the times of eclipses.

2 days ago· The ZHR value refers to the Zenithal Hourly Rate, i.e. the average number of meteors an individual observer could see in an hour, assuming perfectly dark sky conditions. This number is an estimate, the number an observer could see in real conditions depends on the actual intensity of the shower (which can be highly variable) and on the sky conditions.



Day length today: 11h 12m 12s (Oct 27, 2024) 1 minute, 29 seconds shorter than yesterday (Oct 26, 2024) 48 minutes, 51 seconds longer than winter solstice (Dec 22, 2023). 2 hours, 41 minutes shorter than summer solstice (Jun 21, 2024)

My Location Now. My Location now to find your current location and show where am I right now and your address on map coordinates. The tool will lookup your latitude and longitude in different format that you can use it on any gps devices or share your ...

3 days ago· It will tell you today"s Moon phase, exact moonrise and moonset times for your location, show the Moon"s current position in your sky, and much more. Just tap the calendar icon and open the "Moon" tab.

Now a look at Moon and planet pair-ups for October. On the 13th and 14th after dark, look for the nearly full Moon with Saturn toward the southeast. ... Sky chart showing the location of Comet C/2023 A3 between Oct. 14 and Oct 24 following sunset. The comet climbs higher each evening, but also grows fainter. NASA/JPL-Caltech.

To see the position of the moon and the sun with respect to the earth and the areas is what they are at night or day right now, click on the following button. Show now. Select another date. Select the date you want to know the position of the moon and the sun with respect to the earth. The date and time must be entered in universal UTC format.

Mare Australe: A lunar mare in the southern hemisphere of the Moon's near side. Mare Tranquillitatis: The landing site of Apollo 11, the first manned Moon landing. Mare Fecunditatis: A lunar mare in the eastern part of the Moon's near side. Mare Crisium: A large lunar mare in the Moon's Crisium basin. Rupes Altai: A long, curved escarpment in the southeastern part of the ...

What is Visible Now? Tonight Timeline. Moon Calendar. Set Observing Location. ... Moon Calendar. Solar Eclipses. Content. Articles. FAQ. About. Feedback. Get the App Donate. Set Location. Please set your location so we can show precisely what"s visible in your night sky. Without your location, we will use Greenwhich as a default, but visibility ...

The Moon Distance Calculator calculates the approximate minumum and maximum distances from the Moon to the Earth. The Moon's distance to Earth varies. The two extreme points of the Moon's orbit each month are known as the lunar perigee and apogee. The table below shows the time of lunar perigee and apogee. 2023; year 2024; 2025

MoonCalc shows the motion of the Moon and Moon phase for a particular day at a particular location. You can see the moon positions for moon rising, selected time and Moonset. The thin yellow-colored curve shows the trajectory of the moon. The closer the moon in the middle, the higher the moon above the horizon.



The moon is close to the Sun in the sky and the right edge will become brighter as it approaches 50% illumination and the First Quarter phase. Fun fact: although only a small part of the Moon is illuminated in the Waxing Crescent phase, you can still sometimes see the rest of moon as faintly visible. This is known as "earthshine" or Da Vinci ...

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The Moon, Earth's sole natural satellite, orbits at 384,400 km, approximately 30 times Earth's diameter. This live video stream from NASA's Eyes allows you to see the contrast between the bright and dark areas of the lunar surface, full of impact craters, hills and depressions, as well as the Earth rising above the horizon of the Moon. This was what Neil Armstrong saw when he ...

During the moon's journey around our planet, it comes to a different position from our cities and locations. This is why this page displays the moon's position on our planet's (earth) map, along with the moon's direction and degree. ... You can change the current location by typing it in the search box below. Moon in Durham. Location: Durham ...

Mag: -8.27 Alt: -56° Solar Elong: 50.9° Const: Sgr. Sun Dist: 148.05 MKm Earth Dist: 0.39 MKm. Rise: 12:26 Transit: 15:53 Set: 19:24 Europe/London. Find the Moon in the sky using our ...

Like Earth, the Moon has a day side and a night side, which change as the Moon rotates. The Sun always illuminates half of the Moon while the other half remains dark. NASA''s LRO mission has used its seven science instruments to map the entire lunar surface, including the Moon''s near and far sides, down to a scale of one meter.

2 days ago· November 9: 1st quarter moon. The moment of 1st quarter moon will fall at 5:55 UTC on November 9, 2024. That's 11:55 p.m. CST on November 8. A 1st quarter moon rises around noon your local time ...

2 days ago· The Sun, Moon, planets, have a perceptible movement over days (or weeks) to the background of stars while stars are so distant that they appear stationary in a human life. How to use outside: print this map, and place it over your head, directing "Northern Horizon" to the north. Compare to the real sky!

Our Interactive Night Sky Map simulates the sky above Live. The Moon and planets have been enlarged slightly for clarity. The Moon and planets have been enlarged slightly for clarity. On mobile devices, tap to steer the map by pointing your device at the sky.



The interactive sky chart offers a lot in the way of customizing what you want to see. Chart the stars and planets visible to the unaided eye from any location, at any time of day or night, on any date between the years 1600 to 2400 by entering your location, either via zip code, city, or latitude/longitude.

Hovering the mouse over any location on the map will show the map will show the altitude of the Sun as seen from that location. The thick yellow line shows where sunset and sunrise are currently occurring. The thinner lines lines show the boundaries of civil, nautical or astronomical twilight respectively. The Sun icon shows where on Earth the ...

What is Visible Now? Tonight Timeline. Moon Calendar. Set Observing Location. Articles. FAQ. Feedback. About. ... Please set your location so we can show precisely what's visible in your night sky. Without your location, we will use Greenwhich as a default, but visibility information and star map automatic orientation might be off. ...

A list of planets and other celestial objects that can be observed right now. We use cookies to deliver essential features and to measure their performance. Learn more. Got It! ... Moon Calendar. Set Observing Location. ... Comprehensive list of interesting astronomical objects visible right now from your location. The list of objects is ...

This visualization shows the Moon's phase at hourly intervals throughout 2024, as viewed from the Northern Hemisphere. Change this and other settings in "Your View" menu at any time. This Moon map highlights up to three recommended ...

Neptune rise and set in Sydney. After sunset and most of the night. Use binoculars. Neptune is visible during most of the night, but it is best viewed in the late evening hours after sunset.

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