



# Live sun and moon position

Time for sunrise, sunset, moonrise, and moonset in Syracuse - New York - USA. Dawn and dusk (twilight) times and Sun and Moon position. Takes into account Daylight Saving Time (DST).

In addition to providing real-time solar time, the website offers detailed information about the positions of the sun and the moon. You can easily find out the time of the next sunrise or sunset, as well as the upcoming New Moon or Full Moon events. This data is invaluable for those who practice astronomy, astrology, or simply have a keen ...

Find planets, stars, and constellations in your night sky. See the Moon's position in its orbit around Earth in real-time as well as past and future Moon phases, illumination, distance from Earth, and latitude.

Stargazers may use a moon phase calculator to help determine the phase of the moon on a particular night, and to plan their stargazing activities accordingly. Some people believe that the phase of the moon can have an impact on their mood, behavior, or well-being.

Live Sun Position Sun Position. It achieve maximum altitude of 60° at noon. X-Axis: Horizontal axis indicates time passing from 00:00 hours to 24:00 hours. ... Live Moon Position Next Seven Day Moon Calendar November 2024 Rise Set Rise Meridian Passing illumination; Date; 2: 07: 28 AM: 17: 58 PM-12: 46 PM: 0.7%: 3:

The Moon's orbit is tilted about 5 degrees compared to the plane of Earth's orbit around the Sun. Because of this tilt, the Moon as seen from Earth's perspective usually passes above or below the Sun when it passes between us and the Sun. The tilt of the Moon's orbit prevents us from having monthly solar and lunar eclipses.

2 days ago; Sun and Moon. How the Sun and the Moon look like today. Credit: NASA, SDO, and the HMI Science Team. Information about the Sun. Sun position in sky map. Phase: Waxing ...

Sun Clock is a 24-hour clock that displays the position of the sun, and times of sunrise, solar noon, sunset, golden hour, and twilight for your current location. It also shows the position and phase of the moon, and its rising and setting times. In the Northern Hemisphere the Sun moves across the sky in a clockwise direction; in the Southern ...

It is the Moon's orbital position (around Earth and relative to the Sun) that determines the lunar phase we see from Earth. The views above reveal the current circumstances of this fundamental relationship, as well as the current Earth-Moon center-to ...

What are the positions of Earth and the Moon right now? Read more about the Moon. Explore more Moon tools ... All Eclipses and Planet Transits Worldwide. Eclipses and planet transits from 1900 to 2199. Upcoming Live Streams. Watch LIVE coverage of our solar and lunar eclipses. Read more about eclipses ...



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Find and track the Sun, Moon, planets ...

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Position of the Moon: Sublunar Point. On Sunday, October 20, 2024 at 11:16:00 UTC the Moon is at its zenith at Latitude: 26° 26' North, Longitude: 131° 44' West. The ground speed is currently 398.61 meters/second, 1435.0 kilometres/hour, 891.7 miles/hour or 774.8 nautical miles/hour ...

Sun Calculator Moon Calculator Moon Phases Night Sky Meteor Showers Day and Night Map Moon Light Map Eclipses Live Streams Seasons Astronomy News. ... Search for a city's Sun and Moon information: Sunrise, Sunset, Moonrise, Moonset, dusk, dawn and twilight, Sun distance, day length, altitude, and much more... Suggestions: Roanoke Rapids ...

Abilities. Determine the correct position and path of the Sun, the Moon, and the Milky Way for any location and date.; Find out the time of the golden hour, blue hour, civil twilight, nautical twilight, and astronomical twilight to capture the perfect lighting.; Get detailed information about the Sun, the Moon, and the Milky Way: altitude, azimuth, shadow ratio, sunrise and sunset times, lunar ...

The Moon tonight is in Waxing Crescent phase in the constellation of Sagittarius, at a distance of 384,537.0 kilometers from Earth. The current Right Ascension is 19h 56m 12s and the Declination is -26° 39' 44" (apparent coordinates). The magnitude of The Moon is -9.31 (data provided by JPL Horizons).. This image accurately depicts the Moon's current appearance, highlighting the key ...

A live map, showing where in the world it is currently daytime, night time, or twilight. ... Star atlas The solar system 3D Moon map Object-finder charts Rising & setting times Live ... 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. ...

Live Sun Position Sun Position. It achieve maximum altitude of 60°; at noon. X-Axis: Horizontal axis indicates time passing from 00:00 hours to 24:00 hours. ... Live Moon Position Next Seven Day Moon Calendar October 2024 Rise Set Rise Meridian Passing illumination; Date; 25: 00: 05 AM: 13: 56 PM-07: 02 AM: 42.3%: 26:

"the sun and the moon (are subjected) to calculations" (Al Qur'an 55:5) Moon Calculator (MoonCalc) is a DOS program which provides information relating to the position, age, phase, orientation, appearance and visibility of the moon for any given date, time and location on earth.

= The Sun's position directly overhead (zenith) in relation to an observer. = The Moon's position at its zenith in relation to an observer (Moon phase is not shown). = Civil Twilight (lightest shade) = Nautical Twilight = Astronomical Twilight = ...



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Sun Calculator Moon Calculator Moon Phases Night Sky Meteor Showers Day and Night Map Moon Light Map Eclipses Live Streams Seasons Astronomy News. ... Query the position of Sun & Moon, get the times for events like sunrise and sunset. Astronomy News. Latest news about space, sky events, and planet Earth; More Information.

A Live View of the solar system and planetary positions today. ... are so that they can observe them. For others, getting an understanding of where the Earth is in relation to the Sun and moon and planets is just, well, sort of nice to know. ... (the flat plane in which all the main planets move about the Sun). Dwarf planet positions are also ...

Sun Locator is an Android app that predicts the Sun and Moon position and interactively displays them. Contact Get it on Google Play. Sun Locator Predict the Sun and Moon Position ... Sun position:-Azimuth, Elevation -Shadow ratio: Sun graph Elevation during the day: Sunset/Sunrise during the year: Moon time data ...

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