

Locating planets in the sky

Explore the night sky tonight from your location. Try this exquisite stargazing tool. Take an effortless journey through thousands of stars, planets and constellations. ... It will identify the location of stars, planets, meteors and nebulae, the International Space Station and comets. Point it at the sky and you'll soon be marvelling at the ...

Discover celestial objects visible tonight from your current location. Our guide automatically shows planets, stars, nebulae, and spacecraft flyovers you can see right now. Explore the night sky ...

If you're familiar with degree measurements, the azimuthal grid can help you find your planet in the sky. The horizon makes up a circle of 360 degrees, with zero degrees to the north and 180 degrees to the south. Looking from the horizon to the sky makes an arc that starts at zero degrees on the ground and reaches 90 degrees when you're ...

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.

Database: Over 1.69 billion stars, all known planets, natural satellites and comets, minor solar system objects including 10k asteroids and most known deep sky objects, and over 2 million nebulae ...

All Sky Chart. This all sky chart shows the sky above your location and is updated in realtime. Please note that this map does not reflect the actual lighting conditions and it shows the main astronomical objects even during daylight. Stars up to magnitude 5 and Solar System objects brighter than magnitude 10 are shown in the chart.

Mornings in the eastern sky at dawn from Aug. 22 to Dec. 31. Venus will attain its greatest brilliancy in the evening sky on July 7 and in the morning sky on Sept. 19. From the end of June, on ...

October 20 - The Moon rises near Jupiter, with the giant planet looking extremely bright. You should be able to find them low in the east after around 10 pm. October 23-24 - Early risers will be able to spot Mars together with the Moon, high overhead in the south both mornings.

Whether you're using just your eyes, binoculars, or a telescope, the night sky offers endless wonders waiting to be discovered. Happy stargazing! This skymap is a dynamic visualization that displays the positions of celestial objects in the night sky for your specific location on the current date.

"Nightshift is the ideal free night sky app for the experienced amateur astronomer as well as the casual stargazer. Nightshift helps you find perfect nights for stargazing, assists you in observing your favourite planets, ...



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See which planets are currently visible, along with their rise and set times, to help you plan your observations. Jupiter presents a captivating view with its prominent cloud bands, the iconic Great Red Spot, and up to four of its largest moons: Io, Europa, Ganymede, and Callisto.

There you'll find planets, constellations, satellites, DSOs, and other sky objects, including the time of their visibility. Visible Tonight also has Stargazing Index and Weather Forecast predicting the conditions for stargazing. How to find planets in the night sky? Find any celestial object with Sky Tonight. Use flexible search to find any ...

3 of 8. SkyView Lite. SkyView and SkyView Lite provide two versions of a favorite app, with Lite being the free version. Key Features: SkyView Lite is an augmented reality stargazing app that helps identify celestial objects, constellations, planets, galaxies, satellites, and more provides augmented reality, as well as a time travel feature where you can look ...

You don't need to be an astronomer to find stars or constellations in the sky, just open SkyView® Lite and let it guide you to their location and identify them. ... Star Gazer: Sky Map & Astronomy. Education Star Tracker Lite-Live Sky Map. ...

"Nightshift is the ideal free night sky app for the experienced amateur astronomer as well as the casual stargazer. Nightshift helps you find perfect nights for stargazing, assists you in observing your favourite planets, meteor showers and deep-sky objects and keeps you up-to-date about the celestial events in tonight's sky."

You don't need to be an astronomer to find stars or constellations in the sky, just open SkyView® Lite and let it guide you to their location and identify them. ... Star Gazer: Sky Map & Astronomy. Education Star Tracker Lite-Live Sky Map. Reference Star Map Tracker: Star Walk. Education Star Walk: Find Stars & Planets. Education Sky Tonight ...

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 ...

Find out which planets are visible in the night sky tonight. Get tips on the best viewing times and directions for observing planets with the naked eye. Sky Tonight. ST. VA, US 36.7°/-78.4°; GMT -5 Waxing 18:07 - 05:47 ? ... Planets in the Sky Tonight.

An online orrery, showing the positions of the planets around their orbits. In-The-Sky . Guides to the night sky. Location: Virginia Beach (36.85°N; 75.98°W) 3D Diagram of the Solar System ... The top panel shows where the planets appear in the night sky from the Earth. The yellow line marks the zodiac - the annual path of the Sun across ...

Jupiter is currently in the constellation of Taurus. The current Right Ascension is 05h 15m 55s and the



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Declination is $+22^{\circ} 20' 02''$. Right now, from the selected location (Greenwich, UK), Jupiter can be observed looking in the East-North-East direction at an altitude of 2.70 degrees above the horizon. (view Jupiter position on a interactive sky map).

Planets Visible Tonight. Discover the planets that are currently visible in the night sky. Learn about their positions, rise and set times, and how to spot them from your location. Whether ...

Astronomy news and interactive guides to the night sky from In-The-Sky . In-The-Sky . Guides to the night sky. Location: Virginia Beach (36.85°N ; 75.98°W) News Upcoming events By topic. Appulses; Asteroids; Comets; Conjunctions; ...

The Star Atlas shows a 360 degree view of the night sky for any given location and time up to an elevation of 60 degrees. The application shows stars down to a magnitude of 5 along with all the planets. ... in a 360 degree circle of the sky. Clicking on a star or planet will reveal further information about it. Click the clock (or press T) to ...

Star & Planet Finder. With this app, you only need to enter the name or designation of an object, point the back camera at the sky, and the app will direct you to that star, planet, or other object. However, the free version comes with only a few objects in the database, but various in-app purchases will give you access to extended star ...

This is the simplest way to specify your location. Begin typing the name of a town near to you, and then select the town from the list of options which appear below. If you cannot find your exact location, it makes minimal difference to choose another town within 50 miles of your home.

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.

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