

What to look for in our night sky?

Here's what to look for in our current night sky. (Courtesy NASA/JPL-Caltech) A partial lunar eclipse makes the full supermoon on Sept. 17th extra super. Also, chances to observe five planets this month, and a global night for observing. All month - Venus sits low in the west following sunset. Saturn's visible all night.

What can you see on a night sky map?

The map includes the Moon, stars brighter than magnitude 5, the five bright planets (Mercury, Venus, Mars, Jupiter, and Saturn), and deep-sky objects that can be seen without the use of optical aid. How Do I Use the Interactive Sky Chart to Explore the Night Sky? Learn sky chart basics in our short tutorial:

Why do the Stars Rise & Set in the sky?

As the Earth rotates on itself, we see the sky scrolling as if we were on a ride: the whole sky seems to turn the hours around a point near Polaris, the North Star (center of the map). This causes the "rises" and "sets" of the stars.

Which planets are visible at night?

Saturn's visible all night. Jupiter and Mars rise in the couple of hours after midnight and are visible in the southeast before sunrise. September 1-7 - If you're in the Northern Hemisphere, you can spot Mercury this week during morning twilight if you can find an unobstructed view toward the east. It appears low in the east just before dawn.

What is a night sky map?

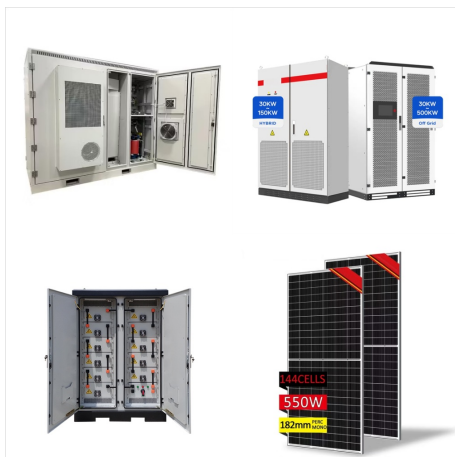
Whether you're using just your eyes, binoculars, or a telescope, the night sky offers endless wonders waiting to be discovered. Happy stargazing! This skymap is a dynamic visualization that displays the positions of celestial objects in the night sky for your specific location on the current date.

How do I share a view of the sky?

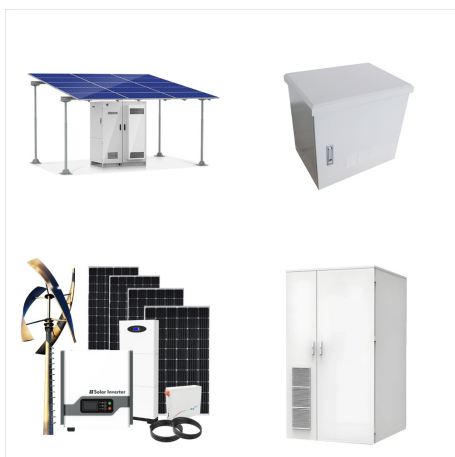
You can share the current view of the sky, including all the added objects, camera direction and field of view. Click on the copy icon content_copy to automatically copy the link to the clipboard, or manually copy and paste the content of the text field: content_copy



Our Interactive Night Sky Map simulates the sky above Tokyo. 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.



Deutsch. AstroViewer. Your night sky map on the internet. Night Sky; AstroViewer 3.1.6; Find planets and constellations in the night sky. AstroViewer is an interactive sky map that helps you to find your way in the night sky quickly and easily.. Just set your location and time and start exploring the starry sky, find planets and constellations, and much more. Sky over



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) All-sky charts Sky rotation diagram Star atlas The solar system 3D Moon map Object-finder charts Rising & setting times Live twilight map World timezone map



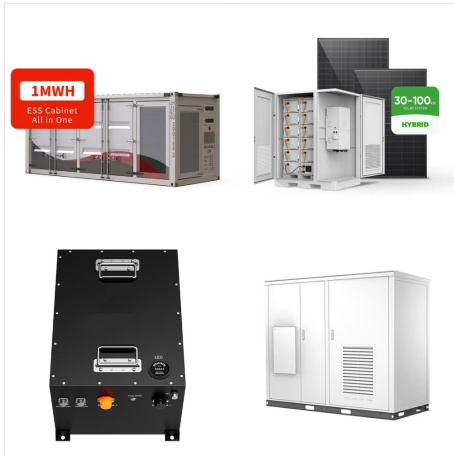
An online planetarium from In-The-Sky , showing what stars and planets you'll be able to see in the night sky on any given day of the year. In-The-Sky . Guides to the night sky. Location: Virginia Beach (36.85°N; 75.98°W) Online Planetarium. Home Charts. News



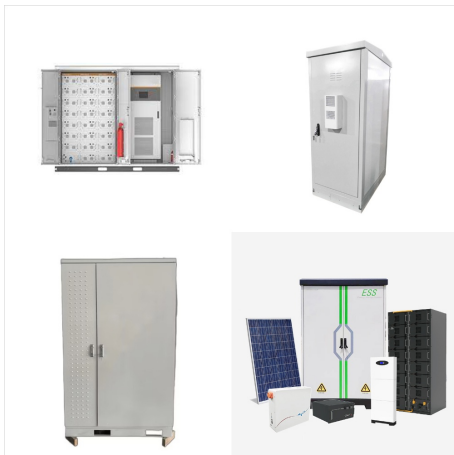
The ZHR value refers to the Zenithal Hourly Rate, i.e. the average number of meteors an individual observer could see in an hour, assuming perfectly dark sky conditions. This number is an estimate, the number an observer could see in real conditions depends on the actual intensity of the shower (which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



For example, today we know Mars not just as a wandering, reddish point of light, but as a living world with a complex history, thanks in part to the many spacecraft NASA has sent to explore the Red Planet. We now know that most stars in the sky have systems of planets, with thousands of these exoplanets being added to the known worlds, in



Watch "Tonight's Sky" to find out which constellations and other phenomena you can see in the night sky each month. Explore; Search. News & Events. News & Events; All NASA News; Stars. Type. Videos "Tonight's Sky" is a monthly video of constellations you can observe in the night sky. The series is produced by the Space Telescope



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 with up-to-date data specific to where you are!



Where are the planets in astrology today? Cafe Astrology Today . 11/08/2024 15:28 GMT - Julian day 2460623.14 Planetary Positions Right Now. What's happening in the astrological sky today? And what does it mean? On this page: Today's Chart Wheel; Planetary Positions by Sign, Degree, and Aspect;



Our Interactive Night Sky Map simulates the sky above New Delhi. 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.



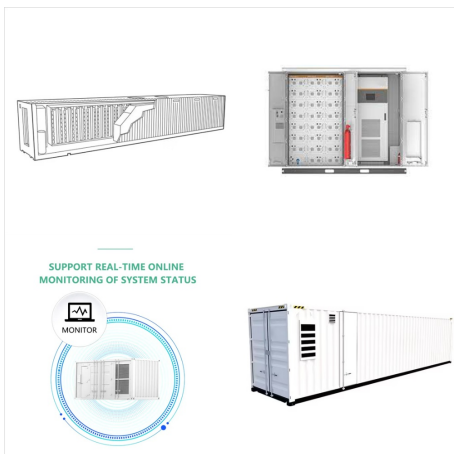
Our Interactive Night Sky Map simulates the sky above Chicago. The Moon and planets have been enlarged slightly for clarity. The Moon and planets have been enlarged slightly for clarity. On mobile devices, tap to steer the map by pointing your device at the sky.



Our Interactive Night Sky Map simulates the sky above Bengaluru. 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.



Our Interactive Night Sky Map simulates the sky above South Africa. 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.



Two Comets in October? Around mid-October, C/2023 A3 (Tsuchinshan-ATLAS) may be visible after sunset. Show Tsuchinshan-ATLAS on our Night Sky Map (below).; There were hopes that C/2024 S1 (ATLAS)???a Kreutz sungrazer???might become bright toward the end of October. However, the latest indications are discouraging.



Our Interactive Night Sky Map simulates the sky above The Eastern. 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.



Southern sky. Three first-magnitude stars appear in the southeastern, southern, and southwestern sky. Canopus, the brightest star in Carina (the Keel) and the second brightest star in the sky, lies above the southeastern horizon. Achernar, the luminary of Eridanus (the River) and the ninth brightest star in the sky, appears almost directly south.



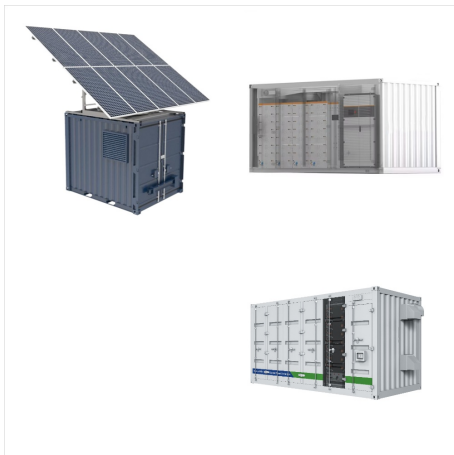
? Never miss an exciting event in the night sky with the Star Walk space news ??? your online guide to the latest astronomy events and celestial bodies visible tonight. Find out how and when to observe meteor showers, solar and lunar eclipses, Starlink satellites, planetary events, comets, and more. Learn the astronomy terms, see stargazing



The stars and deep sky objects within their borders are mostly unrelated to one another and lie at different distances from Earth. Nevertheless, the bright star patterns in constellations make it easy for observers to identify specific stars and locate deep sky objects they can observe in binoculars and small telescopes.



Our Interactive Night Sky Map simulates the sky above Great Britain. 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.



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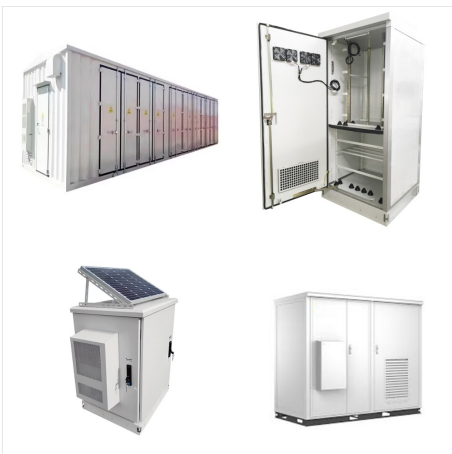
Please set your location so we can show precisely what's visible in your night sky. Without your location, we will use Greenwich as a default, but visibility information and star map automatic orientation might be off. Autodetect Location Set Location Manually Don't Set Location (I understand data might be off)



All month ??? Planet visibility report: Look for Venus low in the west just after sunset; Saturn can be seen toward the southeast as soon as it gets dark; Mars rises around midnight; and Jupiter rises in the first half of the night (rising earlier as the month goes on).; October 2 ??? New Moon; October 11 ??? Europa is easily observable to one side of Jupiter by itself this morning using



What is that bright star in the sky tonight? Our Bright Stars Calculator tells you all about the visible stars in the night sky???tonight or a date in the future???all customized to the location that you select! We cover every day from 1970 through 2036. What Our Bright Stars Calculator Lists. The time of a star's rising on any date



For example, today we know Mars not just as a wandering, reddish point of light, but as a living world with a complex history, thanks in part to the many spacecraft NASA has sent to explore the Red Planet. We now know that most stars in the sky have systems of planets, with thousands of these ???



Mars rises around midnight all month. By dawn it has climbed quite high into the south-southeastern sky, appearing together with Jupiter. Now, Jupiter is rising in the first half of the night. you know the thrill of seeing the little star-like points of light next to it that are its four large moons, which were first observed by Galileo in