

A world map of the positions of satellites above the Earth's surface and a planetarium view Solar System Scope Model A model of the Solar System, Night sky and Outer Space in real time, with accurate positions of objects Below is the current state of the Deep Space network as established from available data updated every 5 seconds. Click a



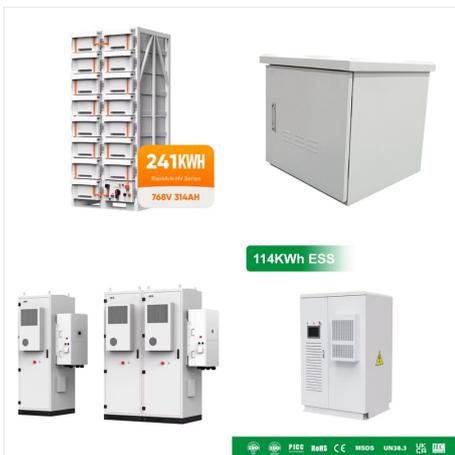
The map above shows where on Earth it is currently day time, night time, or twilight. Hovering the mouse over any location on the map will show the map will show the altitude of the Sun as seen from that location. The thick yellow line shows where sunset and sunrise are currently occurring.



? The 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.



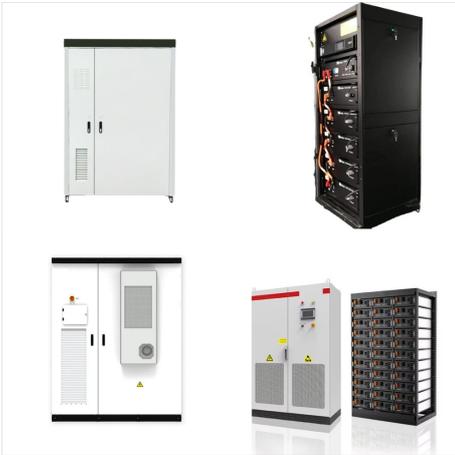
The video is accompanied by audio of conversations between the crew and Mission Control. This video is only available when the space station is in contact with the ground. During loss of signal periods, viewers will see a blue screen. Since the station orbits the Earth once every 90 minutes, it experiences a sunrise or a sunset about every 45



GREEN EARTH Current Position and Live Map Location Where is the current location of GREEN EARTH right now? Ship GREEN EARTH is a cargo ship navigating under the Singapore flag. The IMO number is 9865984 and MMSI number is 563101900. General vessel particulars are as follows length overall (LOA) of 172 m and beam (max width) of 27 m. Live maps below show ???



This report shows the positions of the planets for right now. The planets in the signs The position of the planets in the Zodiac signs influences the nature of an individual, event, and current affairs. The Sun is in Scorpio The Strategist. Striving for self-control. Seeking intimacy, intensity, and depth. Powerful and magnetic. Hard to know



By selecting the option "Mark perihelion / aphelion", labels can be added which mark the closest and further points from the Sun along the orbits of each of the planets. The Earth's orbit is additionally labelled with its position at midnight UTC on the first day of each month.



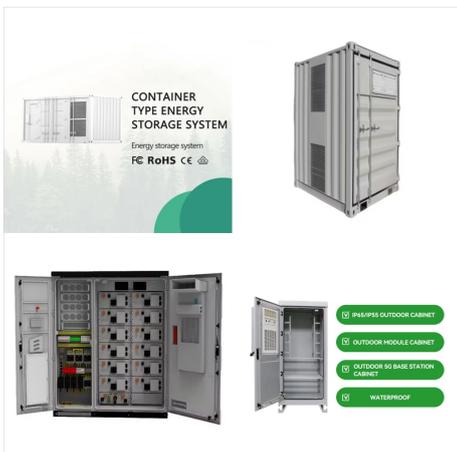
A Geocentric View of the solar system. This page provides a different way of looking at the solar system. It is geocentric and shows where the Sun and all the planets (and the moon) are in the sky.



The Sun is not shown, however, the Earth's illumination indicates its position to the left. Because of the Earth's axial tilt, the Sun's assumed location shifts up and down slightly over the course of the year in this animation, appearing on the same horizontal plane as the Earth solely during the March and September equinoxes.



Geolocation will find your location using latitude and longitude which are the precise location of a point on earth. To use my location tool, we need to get your permission to use the geolocation. Upon visiting our site, your browser will prompt a message "my-location wants to know your location", simply select "Allow" to give us permission.



Here you see how large the planets currently look in relation to one another and???as a bonus???their distances from Earth! Moreover, you can click on any of these celestial wanderers (including dwarf-planet Pluto) to open more revealing views of it, the positions of its major moons, as well as the body's current position above Earth's surface!



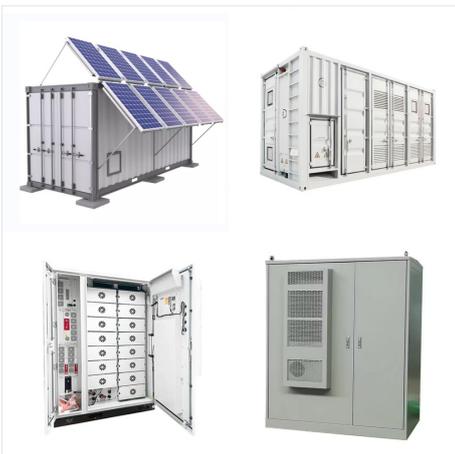
The value of the distance of Sun from Earth is also available as a real time updated value in the Live Position and Data Tracker. Closest Approach Between 1 January 1600 and 30 December 2499, the closest approach of The Sun to Earth happens on Tue Dec 27 1605 at a distance of 0.983059 Astronomical Units, or 147,063,549 kilometers:



The World in Real-Time global map utilizes Geographic Information Systems (GIS) to provide a live satellite view of select data from geostationary and polar-orbiting NOAA satellites and partner satellites of the Earth from space.



Bonus: Saturn's Current Position Over Earth This bonus view is provided so you can determine if Saturn currently may be visible from your location on Earth. Of course, Saturn can generally be seen only at night, though it may be visible in very clear skies for a few minutes before sunset or after sunrise when the planet is at its brightest.



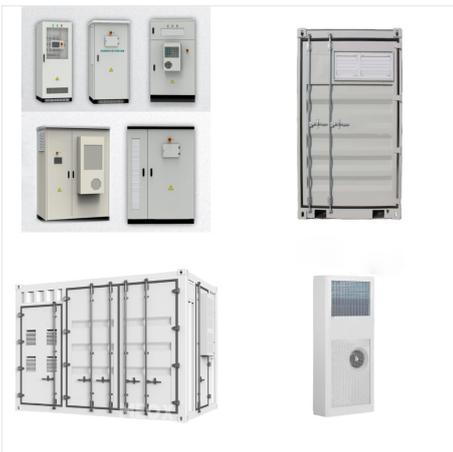
The Moon Position Calculator. , at a distance of 384,537.0 kilometers from Earth. The current Right Ascension is 19h 56m 12s and the Declination is -26° 39' 44 " The Moon is Earth's only natural satellite and is the fifth-largest satellite ???



Venus Position Calculator. Venus is in the constellation of Ophiucus, at a distance of 170,001,315.0 kilometers from Earth. The current Right Ascension is 17h 35m 04s and the Declination is  $-25^{\circ} 19' 05''$  (apparent). It has a similar size and composition to Earth, with a diameter of 12,104 kilometers and a mass of  $4.87 \times 10^{24}$ .



Bonus: Mars's Current Position Over Earth. This bonus view is provided so you can determine if Mars currently may be visible from your location on Earth. Of course, Mars can generally be seen only at night, though it may be visible in very clear skies for a little while before sunset or after sunrise when the planet is at its brightest. The view



Earth Time Clock ver. 0.1 visualises current (or simulated) position of the Earth's surface in relation to the Sun (Solar Time). It shows view of the Earth from above the North Pole. Using control panel you can observe current or simulated Earth's position as well as Earth's rotation (play animation button).



Sun's Position Over Earth (to update, reload page)  
 Courtesy: Fourmilab Switzerland View Earth's Night  
 Half Day, Night & the Analemma Earth Tilt, Sunrise  
 & Sunset No Sunlight on Entire Earth Six Current  
 Views of Earth Current Earth Weather "PLANET OF  
 LIFE!". Earth, the cradle of humankind, is a watery  
 world and the only planet on which life is known to  
 exist!



A world map of the positions of satellites above the  
 Earth's surface, and a planetarium view showing  
 where they appear in the night sky. In-The-Sky .  
 Guides to the night sky. Current comets News  
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 your comments, questions, or suggestions. Follow  
 us on Facebook, Instagram, Threads and ????. Data  
 Sources



For more than 50 years, NASA satellites have provided data on Earth's land, water, air, temperature, and climate. NASA's Earth Information Center allows visitors to see how our planet is changing in six key areas: sea level rise and coastal impacts, health and air quality, wildfires, greenhouse gases, sustainable energy, and agriculture. Explore



NASA's Earth Now mobile app shows the latest data from the agency's Earth-observing satellite fleet on your phone or tablet. Track storms and weather with the "Visible Earth" vital sign, use "Carbon Monoxide" to hunt for ???



Magnetic poles are commonly understood as positions on Earth's surface where the geomagnetic field is vertical (i.e., perpendicular) to the ellipsoid. These north and south positions, called dip poles, do not need to be (and are not currently) antipodal. Based on the current WMM, the 2020 location of the North Magnetic Pole is 86.50°N and



Knowledge of the location of Earth has been shaped by 400 years of telescopic observations, and has expanded radically since the start of the 20th century. Initially, Earth was believed to be the center of the Universe, which consisted only of those planets visible with the naked eye and an outlying sphere of fixed stars. [1] After the acceptance of the heliocentric model in the 17th ???