

What happens if a solar flare hits the Sun?

Check out the latest 48-hour rotation video and check for massive solar flares! A sunspot is a dark, cooler region on the Sun's surface caused by intense magnetic activity. These areas, often linked to solar flares and coronal mass ejections, can affect space weather, disrupting satellite communications, GPS, and power systems.

How do solar flares affect space weather?

These areas, often linked to solar flares and coronal mass ejections, can affect space weather, disrupting satellite communications, GPS, and power systems. For scale, Earth and Jupiter are shown at the bottom right of the image, highlighting the massive size of the Sun and its sunspots.

What is a simulated view of our Solar System?

Credit: NASA/JPL-Caltech This simulated view of our solar system runs on real data. The positions of the planets, moons and spacecraft are shown where they are right now. Credit: NASA/JPL-Caltech

Why do planets have a slider control?

The reason is that the app has a slider control which changes the orbits of the planets from a diagrammatical view (i.e. all the planets in nice neat, equally separated, circular orbits) to a real view (i.e. all the planets in elliptical orbits with all the inner planets squashed in next to the Sun and the outer planets being widely spaced).

Dive into the heart of our solar system with live, near-real-time images of the Sun, captured by the GOES-19, SDO, and other NOAA/NASA satellites. Stay updated on the latest solar ...

This simulated view of our solar system runs on real data. The positions of the planets, moons and spacecraft are shown where they are right now. Credit: NASA/JPL-Caltech

Solar system coverage from Scientific American, featuring news and articles about advances in the field.

The planets today shows you where the planets are now as a live display - a free online orrery. In this solar system map you can see the planetary positions from 3000 BCE to 3000 CE, and also see ...

Get the latest news on the planets, moons and stars in the solar system from the editors of Popular Mechanics.

The latest solar system breaking news, comment and features from the experts at Live Science

The Center | Author "Top Down" View of the Solar System Right Now As soon as the applet loads up, you can see a view of the inner planets of the Solar System (Mercury, Venus, Earth, ...

TheSkyLive offers comprehensive information about the most interesting celestial objects, and a set of tools designed to support the exploration and observation activities for astronomy ...

NASA's Solar System Interactive (also known as the Orrery) is a live look at the solar system, its planets, moons, comets, and asteroids, as well as the real-time locations of dozens of ...

Explore our solar system in real-time with accurate planetary positions and orbits. Let's take a quick tour of the features!

Web: <https://www.idsolar.co.za>