

Could a solar probe help us understand how the Sun works?

The hope is the probe could help us to better understand how the Sun works. Dr Nicola Fox, head of science at Nasa, told BBC News: "For centuries, people have studied the Sun, but you don't experience the atmosphere of a place until you actually go visit it. "And so we can't really experience the atmosphere of our star unless we fly through it."

Did the Parker Solar Probe survive?

An artist's rendering of the Parker Solar Probe. NASA sent its Parker Solar Probe just 3.8 million miles from the surface of the Sun -- and it survived. The probe transmitted a signal back to Earth on the night of December 26th, "indicating it's in good health and operating normally," according to NASA.

Is NASA's Parker Solar Probe in good health?

NASA's Parker Solar Probe is in good health and operating normally as it speeds toward its closest-ever flight around the Sun on Christmas Eve.

Why is Parker Solar Probe important?

By flying through the solar corona, Parker Solar Probe can take measurements that help scientists better understand how the region gets so hot, trace the origin of the solar wind (a constant flow of material escaping the Sun), and discover how energetic particles are accelerated to half the speed of light.

How safe is a NASA probe?

Nasa said the probe was "safe" and operating normally after it passed just 3.8 million miles (6.1 million km) from the solar surface. The probe plunged into our star's outer atmosphere on Christmas Eve, enduring brutal temperatures and extreme radiation in a quest to better our understanding of how the Sun works.

Why did NASA launch a solar probe?

"Parker Solar Probe was designed to take care of itself and its precious payload during this close approach, with no control from us on Earth -- and now we know it succeeded," said Thomas Zurbuchen, associate administrator of NASA's Science Mission Directorate at the agency headquarters in Washington.

Pendant que nous nous préparerons à déguster notre repas de réveillon, la sonde spatiale Parker Solar Probe de la Nasa s'approchera plus près que jamais du Soleil, à la folle vitesse de 690 ...

Nasa's Parker Solar Probe (PSP) will travel seven times closer to the sun than any spacecraft before it by the end of its mission. It launched from Cape Canaveral, Florida, atop a United Launch ...

This study uses observations within 40 R ? during E4-E14 of Parker Solar Probe (Parker) spanning 2020 January-2023 January, providing a good overview of the solar wind at the inner heliosphere during solar minimum and into the rising phase of the solar cycle. We use near-perihelion magnetic field measurements from the Electromagnetic Fields ...

La Parker Solar Probe (abbreviata PSP; precedentemente Solar Probe, Solar Probe Plus o Solar Probe+) è una sonda spaziale della NASA lanciata nel 2018 con la missione di effettuare osservazioni della corona esterna del Sole.Si ...

NASA's Parker Solar Probe completed its 19th close approach to the Sun on March 30, matching its own distance record by coming about 4.51 million miles (7.26 million kilometers) from the solar surface. ... Maryland, where the spacecraft was also designed and built, with a beacon tone indicating it was in good health and all systems were ...

NASA has confirmed that its Parker Solar Probe is in good health and operating normally after making closest approach to the Sun ever. This historic event took place on December 24, when the probe passed within a mere 3.8 million miles (6.1 million kilometers) of the Sun's surface, entering the Sun's outer atmosphere, known as the corona.

NASA's Parker Solar Probe transmitted a signal back to Earth after traveling within 3.8 million miles of the Sun's surface, indicating it's in "good health."

Parker Solar Probe launched in 2018, heading to the centre of our solar system. It had already swept past the Sun 21 times, getting ever nearer, but the Christmas Eve visit was record-breaking.

NASA's Parker Solar Probe is in good health and operating normally as it speeds toward its record-setting flight around the Sun on Christmas Eve. Mission operators at the ...

NASA has confirmed that its Parker Solar Probe is safe and fully operational after its Christmas Eve close encounter with the Sun. On December 24, 2024, the robotic probe came within a record 3.8 ...

Parker Solar Probe's 18th orbit included a perihelion that brought the spacecraft within 4.51 million miles of the Sun. Credit: NASA/Johns Hopkins APL/Steve Gribben. The spacecraft entered the encounter in good health, with all systems operating normally. Parker Solar Probe checked back in with mission operators at the Johns Hopkins Applied ...

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Parker Solar Probe is alive and well after skimming by the Sun at just 15 million miles from our star's surface. This is far closer than any spacecraft has

This close-up study of the Sun allows Parker Solar Probe to take measurements that help scientists better understand how material in this region gets heated to ...

Parker Solar Probe (vormals Solar Probe Plus) ist eine Raumsonde der NASA zur Erforschung der Sonne, insbesondere ihrer „ersten Atmosphärenschicht, der Korona. Die Raumsonde startete am 12. August 2018. Sie erreichte am 24. ...

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