The Sun releases a constant stream of particles and magnetic fields called the solar wind. This solar wind slams worlds across the solar system with particles and radiation – which can stream all the way to planetary surfaces unless thwarted by an atmosphere, magnetic field, or both. Here's how these solar particles interact with a few select planets and other celestial bodies.



also helps shield the surface from solar wind.

solar wind to stream around the planet.

## EARTH 🌒

The solar wind is mostly deflected by our magnetic field, but sometimes, when intense, some of it can leak through. Once in near-Earth

## THE MOON @

Because its atmosphere is so thin, the solar wind hits the Moon's surface directly, with just a little bit of deflection by small bubbles of magnetic field scattered across the surface. This bombardment deposits ingredients that could make water.





