



Solar flares

- The Sun is a burning ball of immensely hot gas. It's always releasing energy, but sometimes it lets off large bursts of energy and particles called solar flares. Occasionally, it has even bigger bursts of energy and particles called coronal mass ejections!
- These bursts of particles can damage satellites, power lines and radio communications here on Earth.
- Satellites, such as the GOES-R Series weather satellites, monitor solar flares from space. These satellites can help power companies and satellite operators have enough time to adapt to any troubling space weather headed our way.

Learn more about the GOES-R Series weather satellites here: <https://scijinks.gov/goes-r>