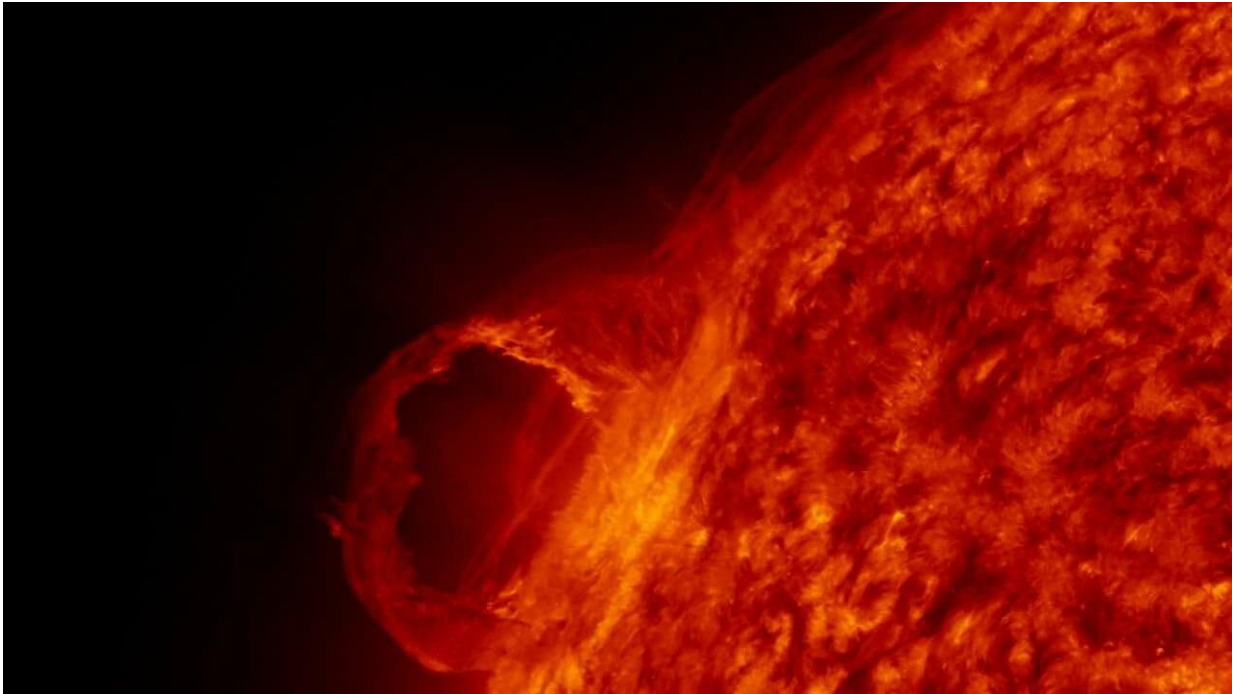


# Mid-level flare erupts from sun

January 21 2022, by Miles Hatfield

---



Credit: Pixabay/CC0 Public Domain

The sun emitted a mid-level solar flare on Jan. 20, 2022, peaking at 1:01 a.m. EST. NASA's Solar Dynamics Observatory, which watches the sun constantly, captured an image of the event.

Solar flares are powerful bursts of energy. Flares and solar eruptions can impact radio communications, electric power grids, navigation signals, and pose risks to [spacecraft](#) and astronauts.

This flare is classified as a M5.5 class flare.

**More information:** More info on how solar flares are classified:  
[www.swpc.noaa.gov/phenomena/so ... ares-radio-blackouts](http://www.swpc.noaa.gov/phenomena/so...ares-radio-blackouts)

NOAA's Space Weather Prediction Center: [spaceweather.gov/](http://spaceweather.gov/)

Provided by NASA

Citation: Mid-level flare erupts from sun (2022, January 21) retrieved 2 May 2024 from  
<https://phys.org/news/2022-01-mid-level-flare-erupts-sun.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.