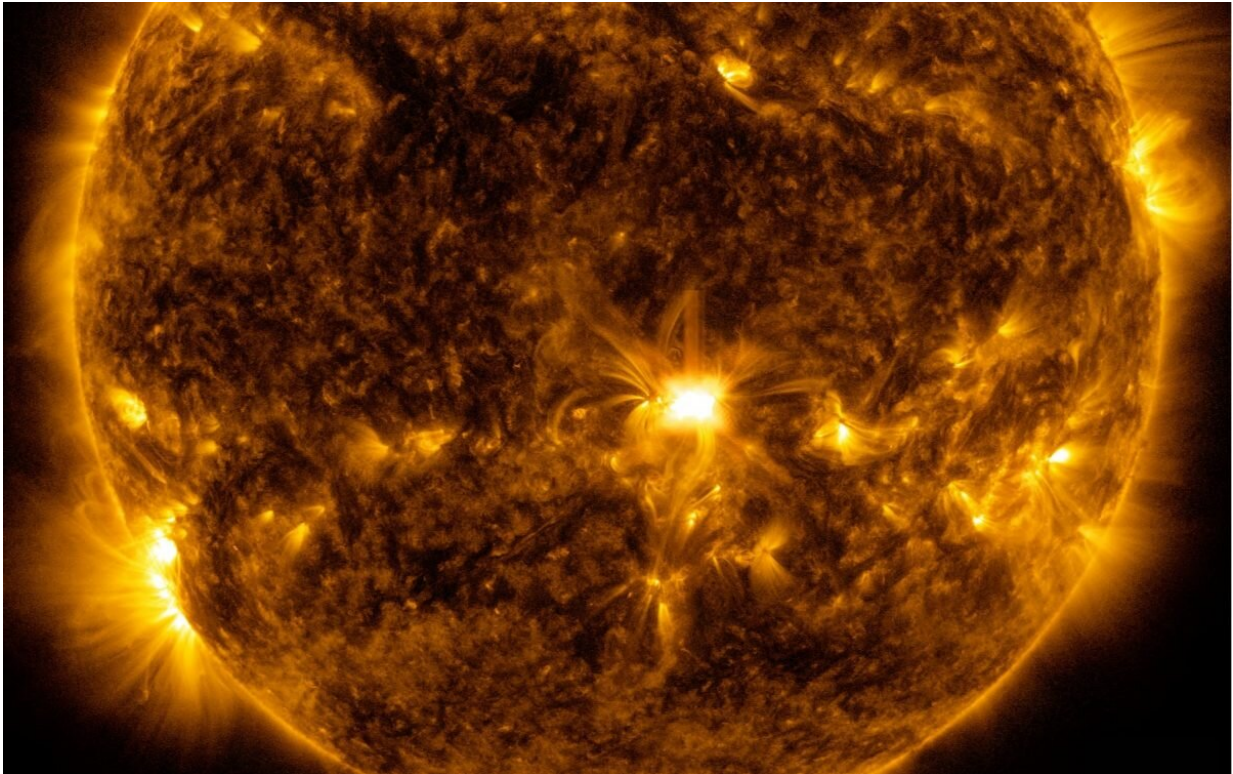


Sun releases moderate solar flare

May 4 2022



NASA's Solar Dynamics Observatory captured this image of a solar flare – as seen in the bright flash in the center of the image – on May 4, 2022. The image shows a subset of extreme ultraviolet light that highlights the extremely hot material in flares, and which is colorized in yellow. Credit: NASA/SDO

The Sun emitted a moderate solar flare on May 4, 2022, peaking at 5:00 a.m. ET. 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 an M-class flare. M-class flares are a class below the most intense flares, the X-class flares.

Provided by NASA's Goddard Space Flight Center

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