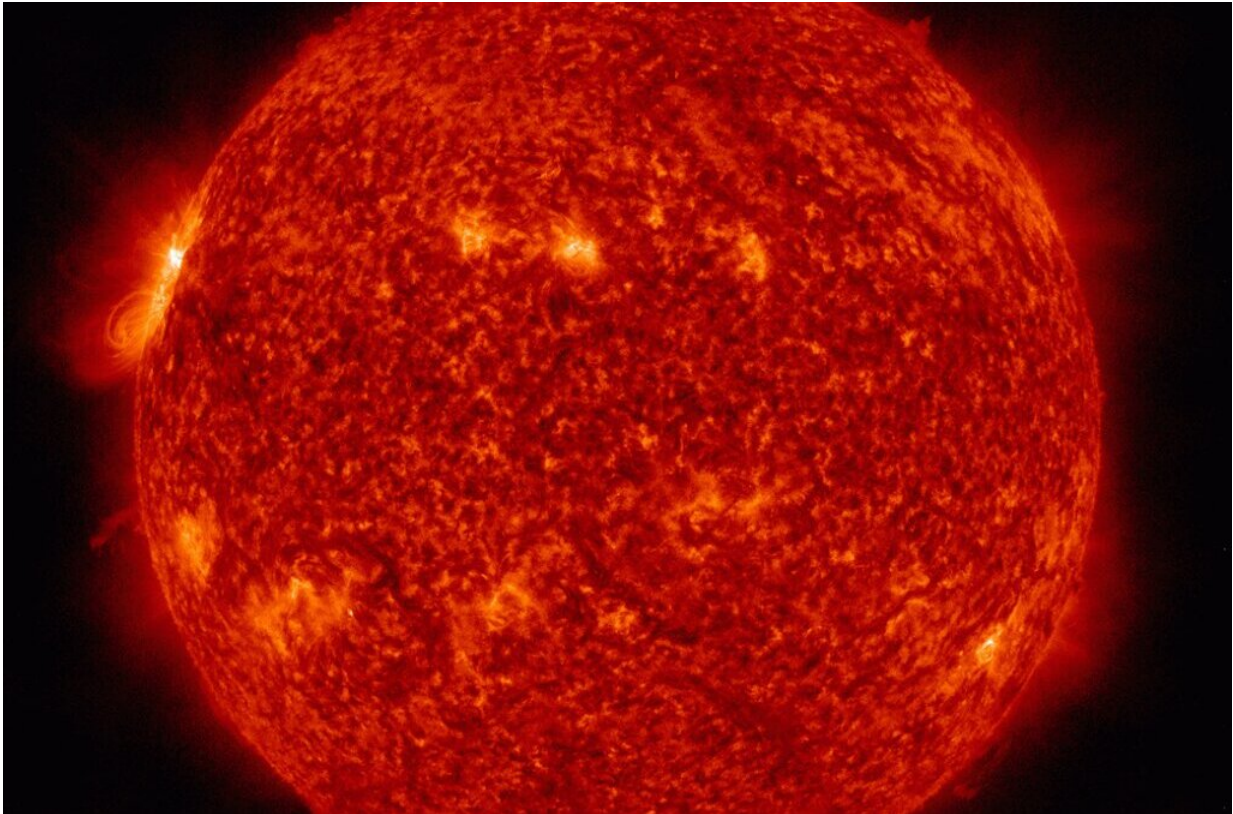


Sun releases significant solar flare

April 18 2022



NASA's Solar Dynamics Observatory captured this image of a solar flare – as seen in the bright flash in the upper left portion of the image– on April 16, 2022. The image shows a subset of extreme ultraviolet light that highlights the extremely hot material in flares, and which is colorized in SDO channel color AIA 304. Credit: NASA

The Sun emitted a significant solar flare on April 16, 2022, peaking at

11:34 p.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 an X-Class flare. X-class denotes the most intense flares, while the number provides more information about its strength.

Provided by NASA

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