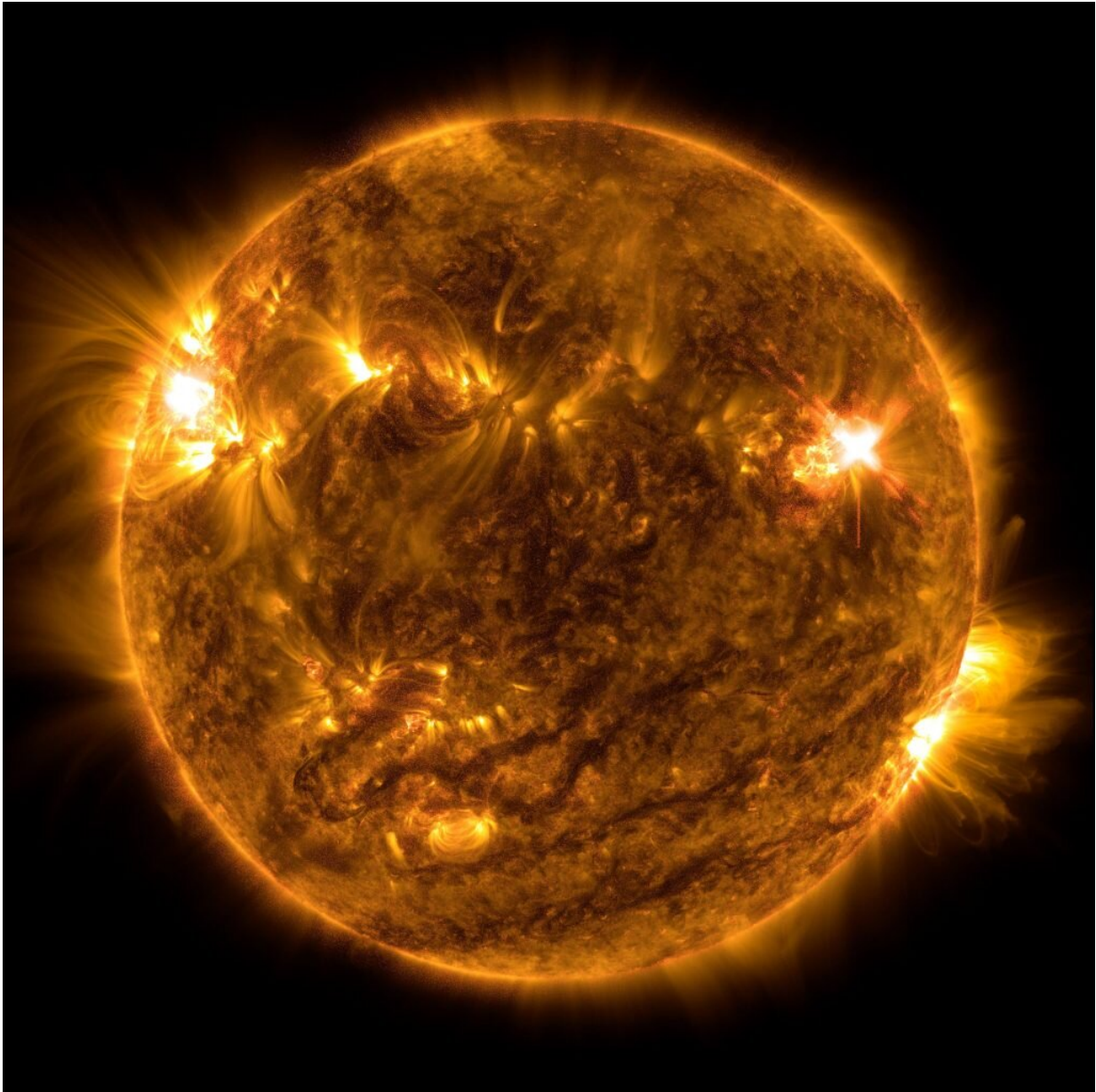


Image: Sun releases strong solar flare

October 3 2022, by Abbey Interrante



NASA's Solar Dynamics Observatory captured this image of a solar flare—as

seen in the bright flash on the top right—on Oct. 2, 2022. The image shows a subset of extreme ultraviolet light that highlights the extremely hot material in flares and which is colorized in orange. Credit: NASA/SDO

The sun emitted a strong solar flare that peaked at 4:25 p.m. EDT on Oct. 2, 2022. 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 X1 flare. X-class denotes the most intense flares, while the number provides more information about its strength.

More information: To see how such space weather may affect Earth, please visit NOAA's Space Weather Prediction Center at spaceweather.gov

Provided by NASA

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