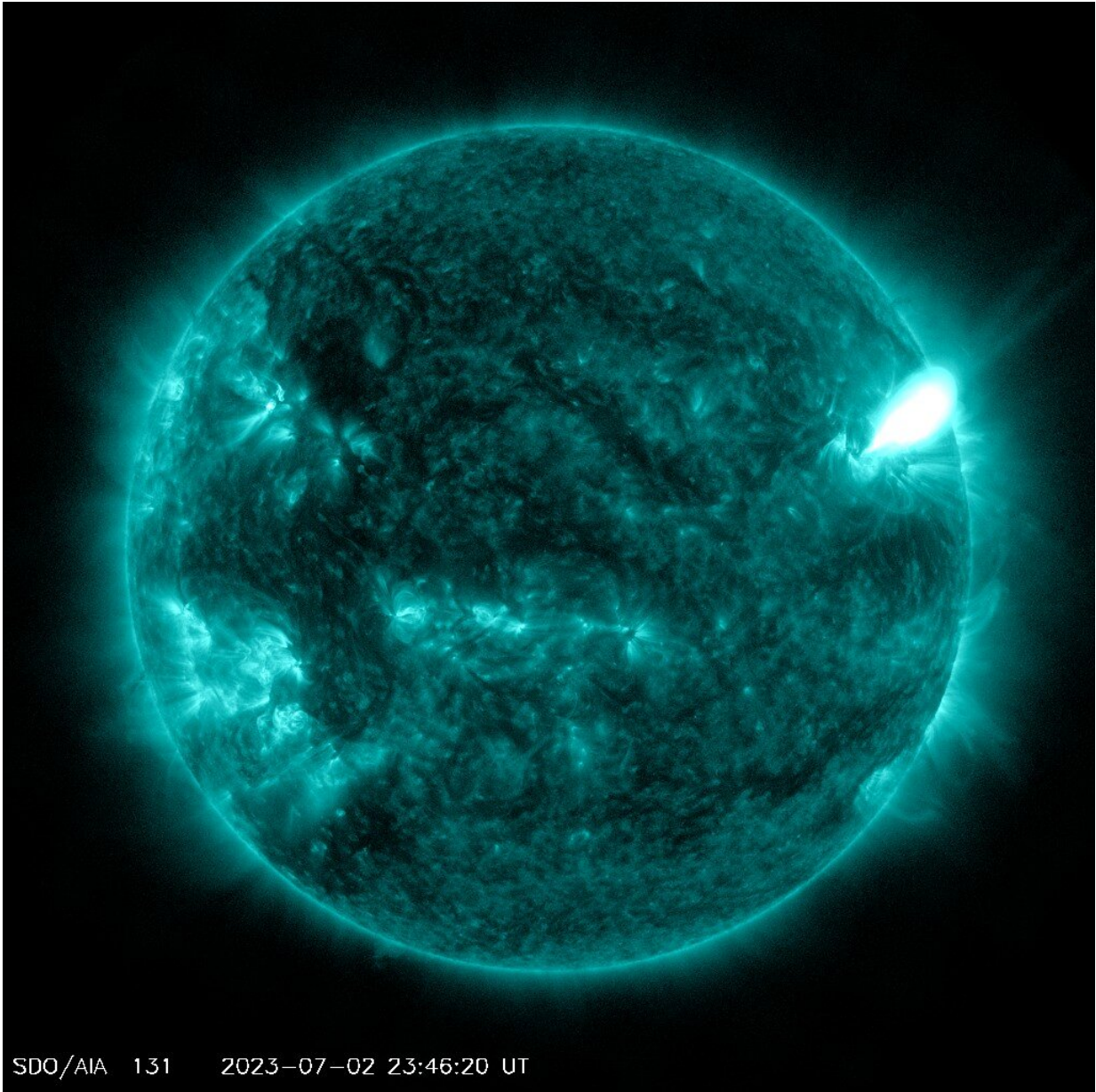


# Sun releases strong solar flare

July 3 2023, 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 area of the sun—on July 2, 2023. The image shows a subset of extreme ultraviolet light that highlights the extremely hot material in flares and which is colorized in teal. Credit: NASA/SDO

The sun emitted a strong solar flare, peaking at 7:14 p.m. ET on July 2, 2023. 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 X1.0 flare. X-class denotes the most intense flares, while the number provides more information about its strength.

Provided by NASA's Goddard Space Flight Center

Citation: Sun releases strong solar flare (2023, July 3) retrieved 29 April 2024 from <https://phys.org/news/2023-07-sun-strong-solar-flare.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.