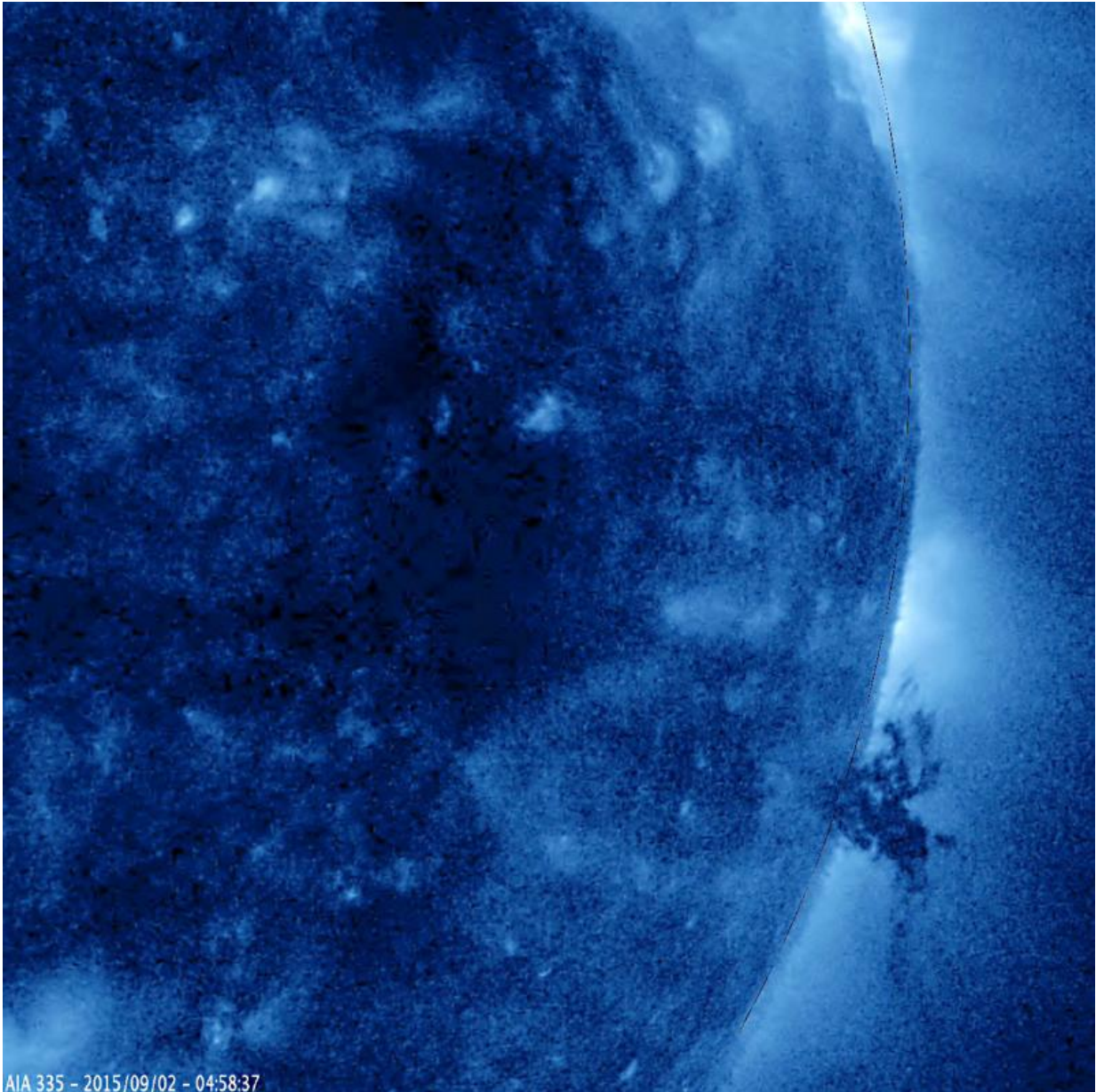


## Video: Complex mass of solar plasma

September 9 2015

---



Credit: NASA/SDO

A small, but complex mass of solar material gyrated and spun about over the course of 40 hours above the surface of the sun on Sept. 1-3, 2015. It was stretched and pulled back and forth by powerful magnetic forces in this sequence captured by NASA's Solar Dynamics Observatory, or SDO.

The temperature of the ionized iron particles observed in this extreme ultraviolet wavelength of light was about 5 million degrees Fahrenheit. SDO captures imagery in many wavelengths, each of which represents different temperatures of material, and each of which highlights different events on the sun.

Each wavelength is typically colorized in a pre-assigned color. Wavelengths of 335 Angstroms, such as are represented in this picture, are colorized in blue.

Provided by NASA

Citation: Video: Complex mass of solar plasma (2015, September 9) retrieved 2 May 2024 from <https://phys.org/news/2015-09-video-complex-mass-solar-plasma.html>

<p>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.</p>
--