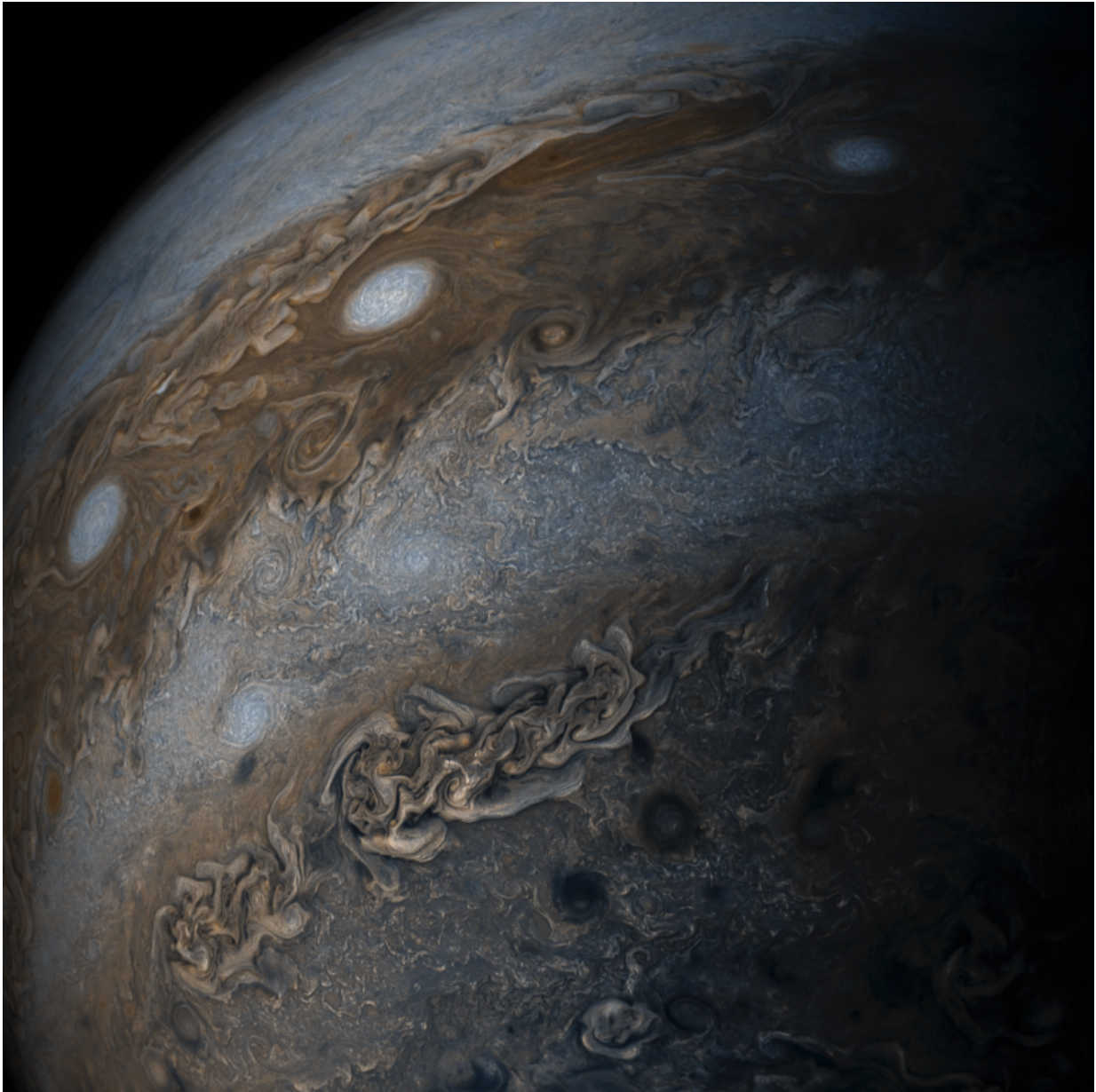


Image: Jupiter's bands of clouds

June 27 2017



Credits: NASA/JPL-Caltech/SwRI/MSSS/Gerald Eichstädt /Seán Doran

This enhanced-color image of Jupiter's bands of light and dark clouds was created by citizen scientists Gerald Eichstädt and Seán Doran using data from the JunoCam imager on NASA's Juno spacecraft.

Three of the white oval storms known as the "String of Pearls" are visible near the top of the image. Each of the alternating light and dark atmospheric bands in this image is wider than Earth, and each rages around Jupiter at hundreds of miles (kilometers) per hour. The lighter areas are regions where gas is rising, and the darker bands are regions where gas is sinking.

Juno acquired the image on May 19, 2017, at 11:30 a.m. PST (2:30 p.m. EST) from an altitude of about 20,800 miles (33,400 kilometers) above Jupiter's [cloud tops](#).

More information: JunoCam's raw images are available for the public to peruse and process into image products at www.missionjuno.swri.edu/junocam

Provided by NASA

Citation: Image: Jupiter's bands of clouds (2017, June 27) retrieved 10 April 2024 from <https://phys.org/news/2017-06-image-jupiter-bands-clouds.html>

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