A cyclonic storm in Jupiter's northern hemisphere is captured in this image from NASA's Juno spacecraft. Many bright white cloud tops can be seen popping up in and around the arms of the rotating storm.

The color-enhanced image was taken at 9:25 a.m. PST (12:25 p.m. EST) on Feb. 12, 2019, as the spacecraft performed its 17th science flyby of Jupiter. At the time, Juno was about 5,000 miles (8,000 kilometers) from the planet's cloud tops, above approximately 44 degrees north latitude.

Citizen scientists Gerald Eichstadt and Seán Doran created this image using data from the spacecraft's JunoCam imager.

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


NASA's Jet Propulsion Laboratory manages the Juno mission for the principal investigator, Scott Bolton, of Southwest Research Institute in San Antonio. Juno is part of NASA's New Frontiers Program, which is managed at NASA's Marshall Space Flight Center in Huntsville, Alabama, for NASA's Science Mission Directorate. Lockheed Martin Space Systems, Denver, built the spacecraft. Caltech in Pasadena, California, manages JPL for NASA.