

Image: Mysterious Jovian dark spot

March 28 2017



Credit: NASA/JPL-Caltech/SwRI/MSSS/Roman Tkachenko

This enhanced-color image of a mysterious dark spot on Jupiter seems to reveal a Jovian "galaxy" of swirling storms.

Juno acquired this JunoCam image on Feb. 2, 2017, at 5:13 a.m. PDT (8:13 a.m. EDT), at an altitude of 9,000 miles (14,500 kilometers) above the giant planet's [cloud tops](#). This publicly selected target was simply titled "Dark Spot." In ground-based images it was difficult to tell that it is a dark storm.

Citizen scientist Roman Tkachenko enhanced the color to bring out the rich detail in the storm and surrounding clouds. Just south of the [dark storm](#) is a bright, oval-shaped [storm](#) with high, bright, white clouds, reminiscent of a swirling galaxy. As a final touch, he rotated the image 90 degrees, turning the picture into a work of art.

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

Provided by NASA

Citation: Image: Mysterious Jovian dark spot (2017, March 28) retrieved 19 April 2024 from <https://phys.org/news/2017-03-image-mysterious-jovian-dark.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>
