

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 <u>cloud tops</u>. 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 <u>dark</u> <u>storm</u> is a bright, oval-shaped <u>storm</u> 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 <u>www.missionjuno.swri.edu/junocam</u> for the public to peruse and process into image products.

Provided by NASA

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