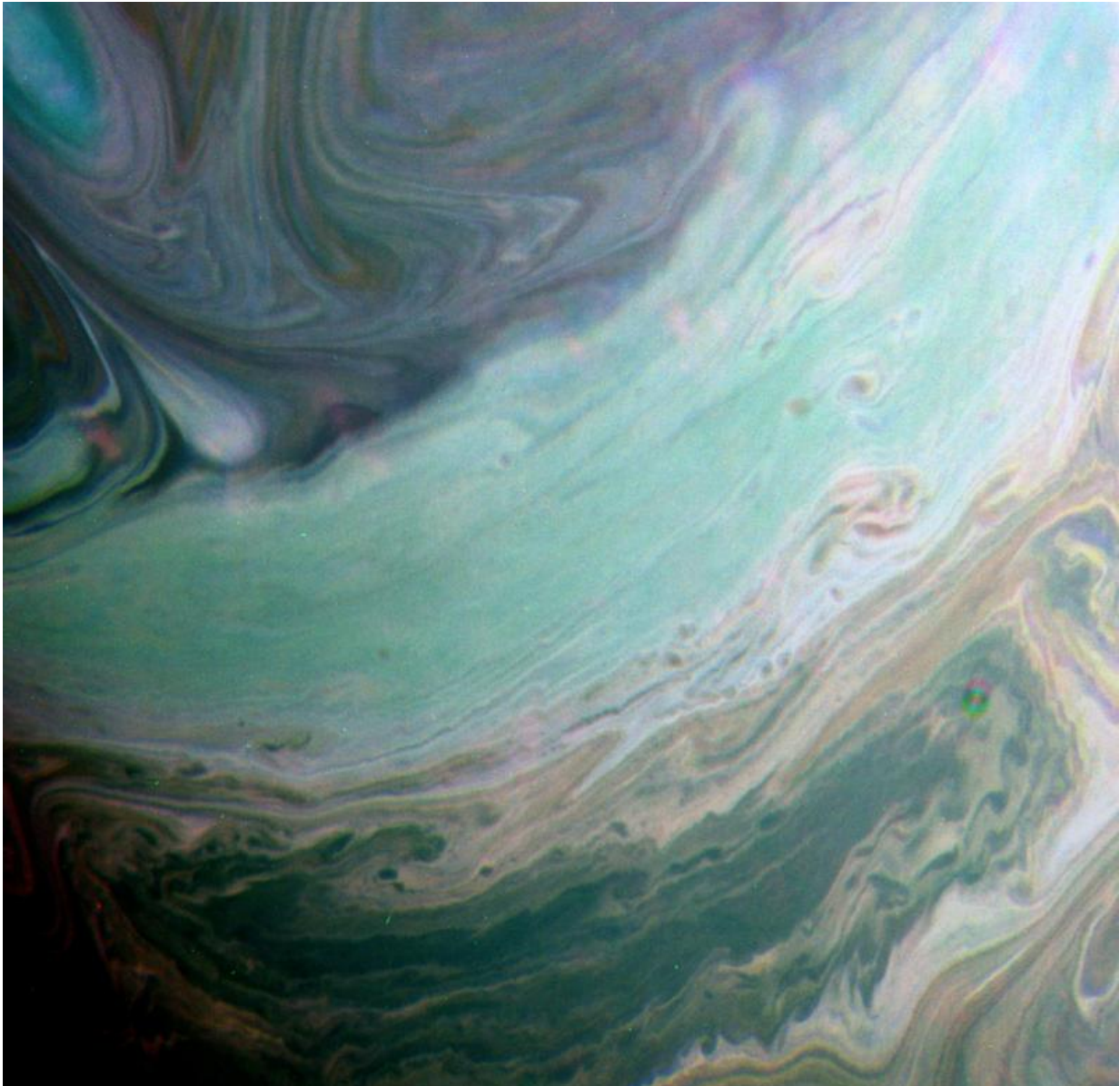


# Image: Infrared Saturn clouds

August 10 2016

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Credit: NASA/JPL-Caltech/Space Science Institute/Kevin M. Gill

This false-color view from NASA's Cassini spacecraft shows clouds in Saturn's northern hemisphere. The view was produced by space imaging enthusiast Kevin M. Gill, who also happens to be an engineer at NASA's Jet Propulsion Laboratory.

The view was made using images taken by Cassini's wide-angle camera on July 20, 2016, using a combination of spectral filters sensitive to infrared light at 750, 727 and 619 nanometers.

Filters like these, which are sensitive to absorption and scattering of sunlight by methane in Saturn's atmosphere, have been useful throughout Cassini's mission for determining the structure and depth of cloud features in the atmosphere.

The Cassini-Huygens mission is a cooperative project of NASA, the European Space Agency and the Italian Space Agency. The Jet Propulsion Laboratory, a division of the California Institute of Technology in Pasadena, manages the mission for NASA's Science Mission Directorate, Washington, D.C. The Cassini orbiter and its two onboard cameras were designed, developed and assembled at JPL. The imaging operations center is based at the Space Science Institute in Boulder, Colorado.

Provided by NASA

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