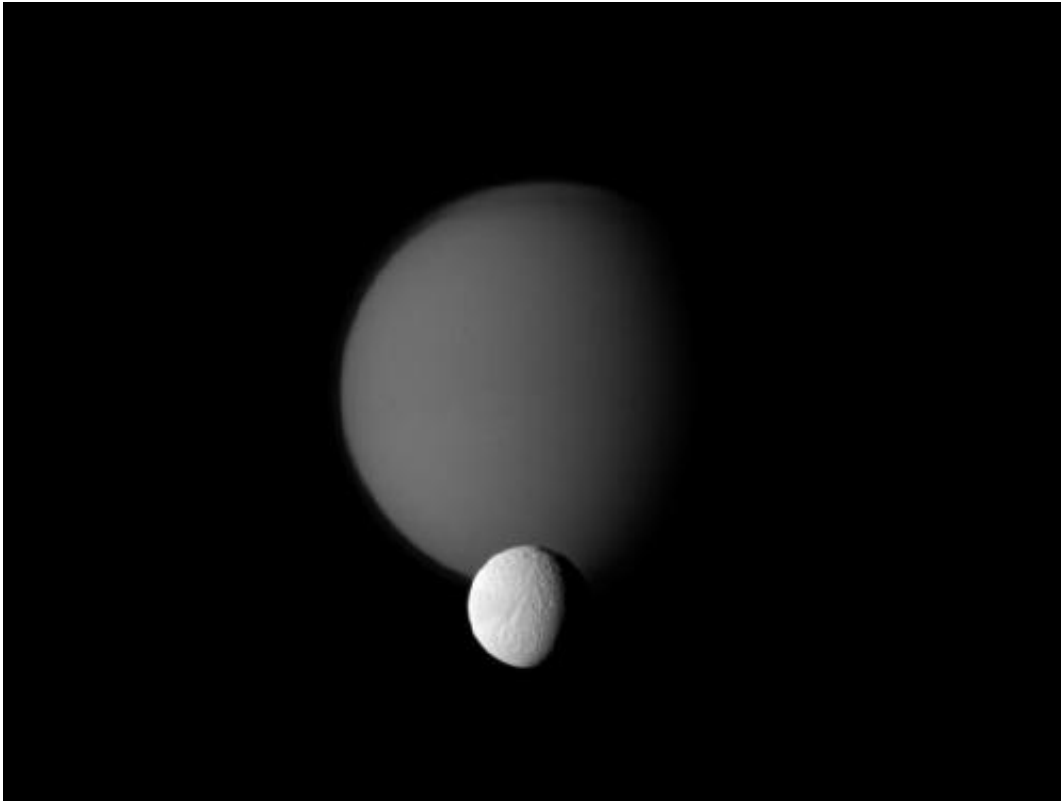


Image: Saturn's moons

July 30 2012



Credit: NASA/JPL/Space Science Institute

(Phys.org) -- The Cassini spacecraft watches a pair of Saturn's moons, showing the hazy orb of giant Titan beyond smaller Tethys. This view looks toward the Saturn-facing sides of Titan (3,200 miles, or 5,150 kilometers across) and Tethys (660 miles, or 1,062 kilometers across).

The image was taken in visible green light with the [Cassini spacecraft](#)

narrow-angle camera on Oct. 18, 2010. The view was obtained at a distance of approximately 1.6 million miles (2.5 million kilometers) from [Titan](#) and at a Sun-Titan-spacecraft, or phase, angle of 55 degrees.

The view was obtained at a distance of approximately 930,000 miles (1.5 million kilometers) from Tethys and at a Sun-Tethys-spacecraft, or phase, angle of 55 degrees. Image scale is 15 kilometers (9 miles) per pixel on Titan and 6 miles (9 kilometers) per pixel on Tethys.

Provided by NASA

Citation: Image: Saturn's moons (2012, July 30) retrieved 23 April 2024 from <https://phys.org/news/2012-07-image-saturn-moons.html>

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