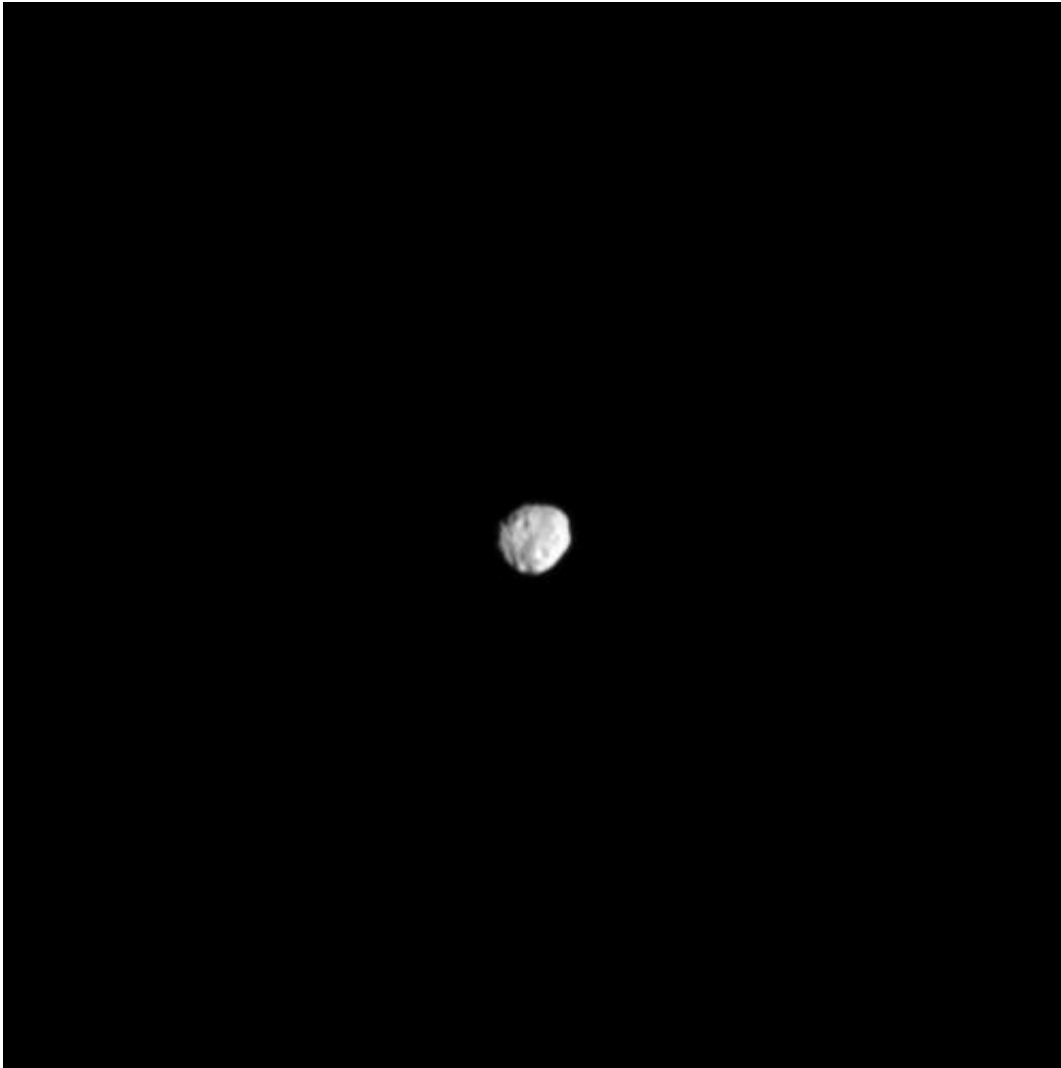


Image: Janus from afar

January 13 2014



Credit: JPL/NASA

Cassini's narrow angle camera captures Saturn's tiny irregular moon

Janus surrounded by the vast, dark expanse of the outer solar system.

Janus (111 miles, or 179 kilometers across) shares an orbit with the moon Epimetheus; the two moons change orbital positions roughly every four years.

This view looks toward the Saturn-facing side of Janus. North on Janus is up and rotated 38 degrees to the left. The image was taken in [visible light](#) with the Cassini spacecraft narrow-angle camera on Sept. 10, 2013.

The view was acquired at a distance of approximately 621,000 miles (1 million kilometers) from Janus. Raw image scale is 3.7 miles (6 kilometers) per pixel. This image has been zoomed in by a factor of two to enhance the visibility of Janus.

Provided by JPL/NASA

Citation: Image: Janus from afar (2014, January 13) retrieved 9 April 2024 from <https://phys.org/news/2014-01-image-janus-afar.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> |
|--|