

Jupiter Side-by-side Image: Extended Text Description

Two views of the giant gas planet Jupiter appear side-by-side for comparison.

LEFT IMAGE

At the top, left corner of the left image is the label Jupiter. Centered at the bottom of this image is the label Nov 2022. Jupiter looms large in this image. Set against a black background, the planet is banded in stripes of brownish orange, light gray, soft yellow, and shades of cream. White and cream-colored ovals punctuate the planet at all latitudes. About one-third of the way from the top of the Jupiter, what appears to be a band of brownish orange, swirling waves traverses the planet's face. The relatively small, variegated orange moon Io is seen just above the bottom third of the planet's face and slightly right of center. Io casts a black shadow that appears at Jupiter's far left, but in the same latitude as the moon.

RIGHT IMAGE

Centered at the bottom of this right image is the label Jan 2023. In this view, Jupiter is somewhat farther away, so it appears slightly smaller than in the left image. Here Jupiter's Great Red Spot is the most prominent feature. The enormous storm looks much like an single orange eye, with a red dot in the center where the pupil would be. The Great Red Spot is centered on the bottom third of this view of Jupiter. The icy moon Ganymede appears as a gray, mottled orb crossing the face of Jupiter. It is located slightly below and to the right of the Great Red Spot.