

## *Highest Resolution Image Galileo*

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**Highest Resolution Image Galileo**

Highest-resolution Europa Image & Mosaic from Galileo. The topmost footprint is the highest resolution image taken by Galileo at Europa. It was obtained at an original image scale of 19 feet (6 meters) per pixel. The other seven images in this observation were obtained at a resolution of 38 feet (12 meters) per pixel, thus the mosaic,...

**Highest-resolution Europa Image & Mosaic from Galileo**

The highest resolution image ever of Jupiter's volcanic moon Io was taken by NASA's Galileo spacecraft on October 10, 1999, from an altitude of 617 kilometers (417 miles). It shows an area about 7.2 kilometers (4.5 miles) long and 2.2 kilometers (1.4 miles) wide.

**Highest Resolution Image Ever Obtained of Io (NASA Galileo ...**

This image was taken near the closest approach point, at a range of 335 miles (560 kilometers) and is the highest resolution picture of Europa that will be obtained by Galileo. The image was taken at a highly oblique angle, providing a vantage point similar to that of someone looking out an airplane window.

**Highest Resolution Image of Europa - NASA's Europa Clipper**

This Is The Highest Resolution Image Of Europa We Have ... For Now. The evidence is quite strong that Europa, with a diameter of 1,945 miles — slightly smaller than Earth's moon — has a global saltwater ocean beneath its icy crust. This ocean has at least twice as much water as Earth's oceans.

**This Is The Highest Resolution Image Of Europa We Have ...**

During late 1999/early 2000, the solid state imaging experiment on the Galileo spacecraft returned more than 100 high-resolution (5 to 500 meters per pixel) images of volcanically active Io. We observed an active lava lake, an active curtain of lava, active lava flows, calderas, mountains, plateaus, and plains. Several of the sulfur dioxide-rich plumes are erupting from distal flows, rather ...

**Galileo at Io: Results from High-Resolution Imaging | Science**

This image was taken near the closest approach point, at a range of 560 kilometers (335 miles) and is the highest resolution picture of Europa that will be obtained by Galileo. The image was taken at a highly oblique angle, providing a vantage point similar to that of someone looking out an airplane window.

**Highest Resolution Image of Europa (NASA Galileo Jupiter ...**

the Galileo SSI captured the images. The actual resolution of the images, taken from the header of each image, noted in Table 1, is closer to ~8 and 16 m/pixel, respectively, in the vertical direction and 40–50 m/pixel in the horizontal direction. The smear in the 2 ° °, and.

**Analysis of very-high-resolution Galileo images and ...**

This image was taken near the closest approach point, at a range of 560 kilometers (335 miles) and is the highest resolution picture of Europa that will be obtained by Galileo. The image was taken at a highly oblique angle, providing a vantage point similar to that of someone looking out an airplane window.

**Space Images | Highest Resolution Image of Europa**

Highest-resolution Europa Image & Mosaic from Galileo Full Resolution: TIFF (1.724 MB) JPEG (350 kB) 2016-05-17: Europa: Galileo: Solid-State Imaging: 1252x2448x3: PIA20028: Europa's Varied Surface Features Full Resolution: TIFF (9.198 MB) JPEG (825 kB)

**Images taken by the Galileo Mission - NASA**

Galileo imaged Adrastea from a distance of 658,100 kilometers, and a resolution of 6.69 kilometers per pixel. Galileo imaged Amalthea multiple times. This is the highest-resolution image, taken from

a distance of 237,700 kilometers, and a resolution of 2.42 km/pixel.

### **Galileo's best pictures of Jupiter's ringmoons | The ...**

The topmost footprint is the highest resolution image taken by Galileo at Europa. It was obtained at an original image scale of 19 feet (6 meters) per pixel. The other seven images in this observation were obtained at a resolution of 38 feet (12 meters) per pixel, thus the mosaic, including the top image, has been projected at...

### **Catalog Page for PIA21431 - Photojournal: NASA's Image ...**

The high-resolution data in this region consists of nine frames—one at 8 m/pixel and eight at 16 m/pixel (a single Galileo SSI image at full resolution and eight subsequently acquired in summation mode)—all obtained at an incidence angle of 16–19° and an emission angle of 74°–76° (Table 1; Fig. 3(A)).

### **Analysis of very-high-resolution Galileo images and ...**

Highest resolution images of Tawhaki Patera, taken by the Galileo spacecraft. Color image on the left acquired in July 1999. Color image on the left acquired in July 1999. The gray scale image on the right taken in November 1999.

### **Tawhaki Patera - Wikipedia**

Highest-resolution image of Gish Bar Patera, acquired by Galileo during an encounter with Io in October 2001 Gish Bar Patera is a patera , or a complex crater with scalloped edges, on Jupiter 's moon Io .

### **Gish Bar Patera - Wikipedia**

Galileo rival: High-res images made freely available underlines UK capability A HUGE number of high-resolution images taken from space using British-built equipment have been made available by the ...

### **Galileo rival: High-res images made freely available ...**

The Galileo spacecraft has taken a risky spin through Jupiter's lethal radiation belts to capture the highest-resolution images yet of three of the planet's four innermost moons. Galileo takes risky trip to dribble back data revealing best images yet of Jupiter's cratered inner moons | Cornell Chronicle

### **Galileo takes risky trip to dribble back data revealing ...**

English: This mosaic of images includes the most detailed view of the surface of Jupiter's moon Europa obtained by NASA's Galileo mission. The topmost footprint is the highest resolution image taken by Galileo at Europa. It was obtained at an original image scale of 19 feet (6 meters) per pixel.

### **File:PIA21431 - Highest-resolution Europa Image & Mosaic ...**

This is one of the highest resolution mosaics of Europa from Galileo, with resolution of ~10 m/pix horizontal. The mosaic was acquired on December 16, 1997. The images have been artificially colorized by taking the average color of the region covered by the images (8.55°S, 215°W) .

### **High-resolution Galileo mosaic of Europa | The Planetary ...**

A monochrome mosaic of the highest resolution images from both Galileo and Voyager 1 was assembled that includes 29 Voyager 1 images with spatial resolutions sometimes exceeding the 1 km/pixel scale of the final mosaic.

### **Io Voyager and Galileo Global Mosaics | USGS Astrogeology ...**

Larger file size, but extremely high quality images. Slower Animation-- 0.7 frames/second (4.15 MB) Faster Animation-- 1.5 frames/second (4.15 MB) Individual Sunspot Drawings. These are the individual images of Galileo's sunspot observations. All of these are high-resolution images. First row (left to right):

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