

# Vesta

## The Great Asteroid

Carrara version

By  
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This package contains props of the Vesta, the great asteroid (low, medium and high resolution) and of six remarkable regions on its surface in high resolution. There are also seven scenes of the whole Vesta and its regions.

The maps proceeded from the NASA Dawn mission that covered almost all the planet's surface.

The Low, Medium and High-resolution props have mesh geometry for details, besides bump maps.

The materials are in three versions: grayscale, pseudocolor and truecolor. The default is pseudocolor.

Add the folder *Presets/Scenes/Alvin Bemar/Vesta* to the Scenes tab in the Browser Tray, the folder *Presets/Objects/Alvin Bemar/Vesta* to the Objects tab in the Browser Tray, and the *Presets/Shaders/Alvin Bemar/Vesta*

### **Files:**

\ReadMe's\

Vesta Carrara manual.pdf

\Presets\Shaders\Alvin Bemar\Vesta\

Cornelia gray.cbr

Cornelia pseudocolor.cbr

Cornelia truecolor.cbr

Divalia Fossa gray.cbr

Divalia Fossa pseudocolor.cbr

Divalia Fossa truecolor.cbr

Fabia gray.cbr

Fabia pseudocolor.cbr

Fabia truecolor.cbr

Lepida gray.cbr

Lepida pseudocolor.cbr

Lepida truecolor.cbr

Numisia-Drusilla gray.cbr

Numisia-Drusilla pseudocolor.cbr

Numisia-Drusilla truecolor.cbr

Snowman gray.cbr

Snowman pseudocolor.cbr

Snowman truecolor.cbr

Vesta high res gray.cbr  
Vesta high res pseudocolor.cbr  
Vesta high res truecolor.cbr  
Vesta low res gray.cbr  
Vesta low res pseudocolor.cbr  
Vesta low res truecolor.cbr  
Vesta med res gray.cbr  
Vesta med res pseudocolor.cbr  
Vesta med res truecolor.cbr

\Presets\Scenes\Alvin Bemar\Vesta\  
Cornelia scene.car  
Divalia Fossa scene.car  
Fabia scene.car  
Lepida scene.car  
Numisia-Drusilla scene.car  
Snowman scene.car  
Vesta scene.car

\Presets\Objects\Alvin Bemar\Vesta\  
Cornelia.car  
Divalia Fossa.car  
Fabia.car  
Lepida.car  
Numisia-Drusilla.car  
Snowman.car  
Vesta high resolution.car  
Vesta low resolution.car  
Vesta med resolution.car

\Presets\Objects\Alvin Bemar\Vesta\textures\  
StarField Carr.png  
Vesta Cornelia Gray Diff.jpg  
Vesta Cornelia Pseudocolor Diff.jpg  
Vesta Cornelia Spec.jpg  
Vesta Cornelia Truecolor Diff.jpg  
Vesta Divalia Fossa Gray Diff.jpg  
Vesta Divalia Fossa Pseudocolor Diff.jpg  
Vesta Divalia Fossa Spec.jpg  
Vesta Divalia Fossa Truecolor Diff.jpg  
Vesta Fabia Gray Diff.jpg  
Vesta Fabia Pseudocolor Diff.jpg  
Vesta Fabia Spec.jpg  
Vesta Fabia Truecolor Diff.jpg  
Vesta Lepida Gray Diff.jpg  
Vesta Lepida Pseudocolor Diff.jpg

Vesta Lepida Spec.jpg  
Vesta Lepida Truecolor Diff.jpg  
Vesta Numisia-Drusilla Gray Diff.jpg  
Vesta Numisia-Drusilla Pseudocolor Diff.jpg  
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Vesta Numisia-Drusilla Truecolor Diff.jpg  
Vesta Snowman Gray Diff.jpg  
Vesta Snowman Pseudocolor Diff.jpg  
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Vesta\_High Gray Diff.jpg  
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Vesta\_Low Gray Diff.jpg  
Vesta\_Low Pseudocolor Diff.jpg  
Vesta\_Low Spec.jpg  
Vesta\_Low Truecolor.jpg  
Vesta\_Med Gray Diff.jpg  
Vesta\_Med Pseudocolor Diff.jpg  
Vesta\_Med Spec.jpg  
Vesta\_Med Truecolor.jpg

## **References maps:**

### **Vesta Dawn FC HAMO Global DTM 93m v1**

National Aeronautics and Space Administration (NASA) / Jet Propulsion Laboratory-Caltech (JPL-Caltech)/ University of California, Los Angeles (UCLA) / Max Planck Institute for Solar System Research (MPS) / German Aerospace Center (DLR) / Institute of Computer and Communication Network Engineering (IDA)

[https://planetarymaps.usgs.gov/mosaic/Vesta\\_Dawn\\_HAMO\\_DTM\\_DLR\\_Global\\_48ppd.tif](https://planetarymaps.usgs.gov/mosaic/Vesta_Dawn_HAMO_DTM_DLR_Global_48ppd.tif)

### **Vesta Dawn FC HAMO Global Mosaic 60m v1**

NASA/JPL-Caltech/UCLA/MPS/DLR/IDA

[https://planetarymaps.usgs.gov/mosaic/Vesta\\_Dawn\\_FC\\_HAMO\\_Mosaic\\_Global\\_74ppd.tif](https://planetarymaps.usgs.gov/mosaic/Vesta_Dawn_FC_HAMO_Mosaic_Global_74ppd.tif)

### **Gazetteer of Planetary Nomenclature. Target: Vesta**

NASA/JPL-Caltech/UCLA/MPS/DLR/IDA

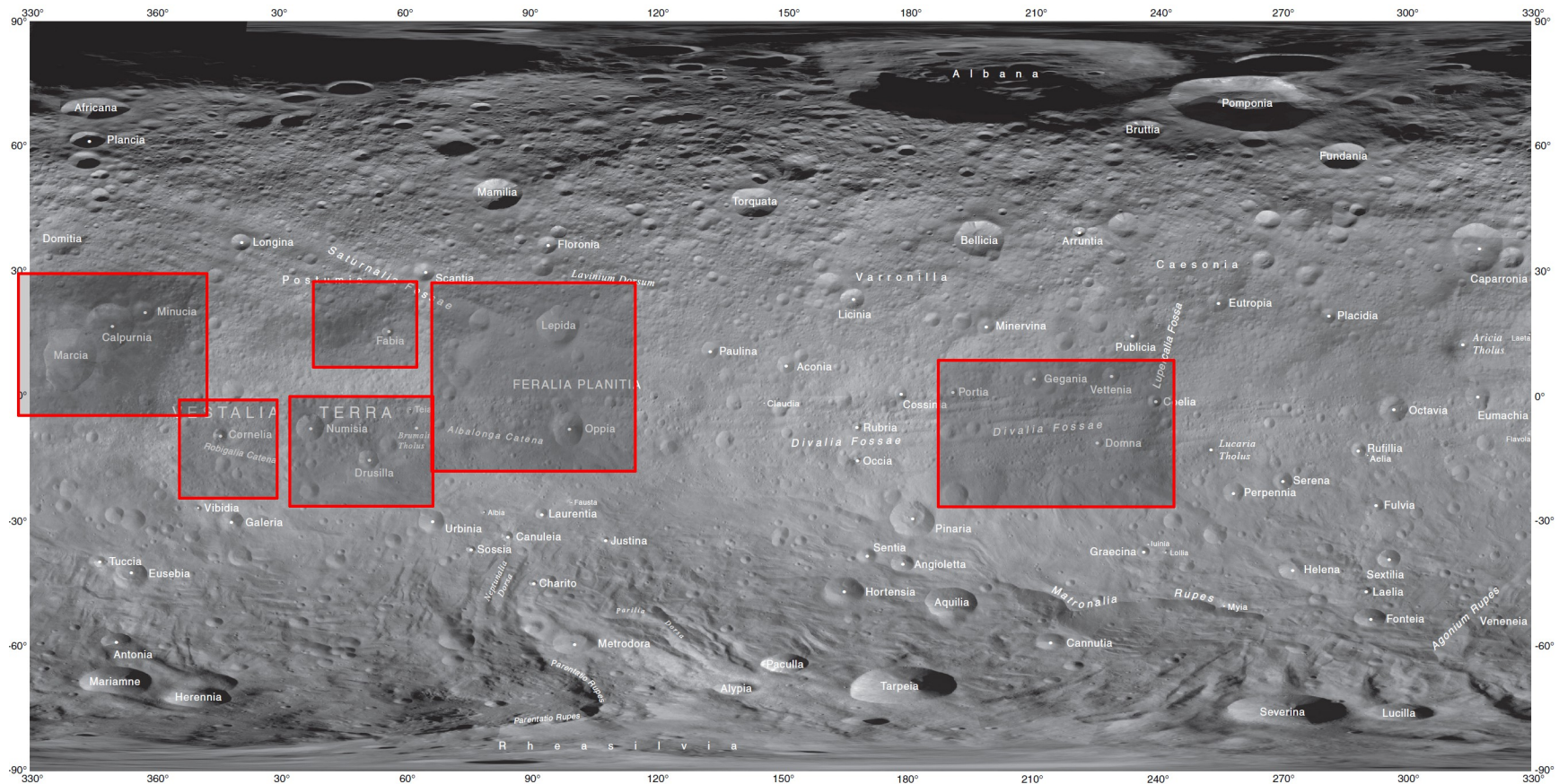
<https://planetarynames.wr.usgs.gov/Page/VESTA/target>

### **Dawn FC ColorImagery. Solar system Treks**

<https://trek.nasa.gov/vesta/>

## Regions mapped to props:

- Cornelia
- Divalia Fossae
- Fabia
- Lepida
- Numisia – Drusilla
- Snowman (Marcia, Calpurnia and Minucia)



**Gazetteer of Planetary Nomenclature. Target: Vesta, <https://planetarynames.wr.usgs.gov/Page/VESTA/target>**