

Mercury, the planet

Carrara version

By
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This package includes three Mercury planet props in three resolutions: Low, Medium and High, also a probe prop (stylized version of NASA's Messenger), and a Scene with Mercury and the probe.

The Medium and High resolution Mercury props have mesh geometry for details, besides bump maps, whereas Low resolution prop uses only bump maps on a sphere primitive.

The Mercury prop included in the Scene contains a Medium resolution Mercury prop.

The color in Mercury shaders could be in two versions: pseudocolor (enhanced color) or less color (look like to the human eye).

The solar panels of the probe can rotate around its axis. Select the panels node from the probe to rotate it.

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

Files:

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Mercury the Planet - Carrara manual.pdf

\Presets\Scenes\Alvin Bemar\Mercury\

Mercury scene.car

\Presets\Objects\Alvin Bemar\Mercury\

Mercury High resolution.car

Mercury Low resolution.car

Mercury Med resolution.car

Probe.car

\Presets\Objects\Alvin Bemar\Mercury\textures\

StarField backdrop.jpg

StarField.jpg

bodyBump.jpg

mercurycolor665X16b.jpg

mercurycolor665X16bls.jpg
mercurycolor665X16bump.jpg
mercurycolor665X2b.jpg
mercurycolor665X2bls.jpg
mercurycolor665X2bump.jpg
mercurycolor665X4b.jpg
mercurycolor665X4bls.jpg
mercurycolor665X4bump.jpg

\Presets\Shaders\Alvin Bemar\Mercury\

Less color HR.cbr
Less color LR.cbr
Less color MR.cbr
Pseudocolor HR.cbr
Pseudocolor LR.cbr
Pseudocolor MR.cbr

References of the maps:

Mercury MESSENGER Global DEM 665m v2

USGS Astrogeology Science Center

http://planetarymaps.usgs.gov/mosaic/Mercury_Messenger_USGS_DEM_Global_665m_v2.tif

Mercury MESSENGER MDIS Basemap MD3 Color Global Mosaic 665m (64ppd)

Applied Coherent Technology Corporation

https://planetarymaps.usgs.gov/mosaic//Mercury_MESSENGER_MDIS_Basemap_MD3Color_Mosaic_Global_665m.tif