

Second Release of the High-Resolution Mimas Atlas derived from Cassini- ISS images

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Our first version of the high-resolution Mimas atlas was released in 2008 [1]. Since then, the Cassini Imaging Science Sub-system (ISS) acquired additional high-resolution images (< 300 m/pixel) during a close flyby of Mimas in 2010. We combined these images with the earlier lower-resolution coverage taken between 2005 and 2008 to improve the resolution of our global mosaic of Mimas from 432 m/pixel to 216 m/pixel. This new global mosaic is the baseline for our second release of the high-resolution Mimas atlas that now subdivides our previous synoptic format for making planetwide maps into four quadrangles on three sheets, each sheet with a scale of 1:1,000,000.

The new release of the atlas is available to the public through CICLOPS (<http://ciclops.org>) and PDS (<http://pds.jpl.nasa.gov>).