

Planet-Wide Lunar Digital Elevation Model

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A lunar digital elevation model, with 1 km pixels, is being generated by stereo matching the entire dataset of Clementine UVVIS images. Example topographic maps of selected areas will be presented to illustrate this new cartographic product. An analysis is underway to identify the topographic signature of any previously unknown lunar impact basins and to build a database of crater depth to diameter ratios. To date 3 previously unknown basins have been found and 3 suspected basins have been confirmed.