

PHOTOGRAMMETRIC ENGINEERING and REMOTE SENSING

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COVER PHOTO — A digital shaded relief map of Arizona with colored elevation coding and selected landmarks. The map is a composite of sixty-five 1 degree by 1 degree digital elevation models, compressed to 150-metre sample size and transformed from the UTM to the Lambert conformal conic projection. After being smoothed for edge-join artifacts, the composite statewide elevation model was shaded and color coded. (Traditional color coding was abandoned in order to produce a more natural appearance for Arizona, where higher elevations are vegetated and lower ones are desert.) Most of the required software was written by Kathleen Edwards. Processing by Ellen Sanchez and Kathleen Edwards under the direction of R. M. Batson, U.S. Geological Survey, Flagstaff, Arizona.

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