

PHOTOGRAMMETRIC ENGINEERING and REMOTE SENSING

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COVER PHOTO — This computer-drawn oblique view shows Mt. St. Helens, looking south after the explosion of 18 May 1980. The process to produce the drawing consisted of compiling 100-foot contours on a Wild A-10, using the same high-altitude photos that appeared on the cover of the November 1980 issue. The contours were subsequently scanned in a raster format by MARKHURD's MBB Kartoscan system. The rasters were then converted to a vectorized form, edited for errors, and finally interpolated to create a 1 second by 1 second DTM. The computer is able to project the DTM from any direction and from any angle of elevation. Submitted by Stephen A. Mundy of Mark Hurd Aerial Surveys, Inc., Minneapolis, Minnesota.

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