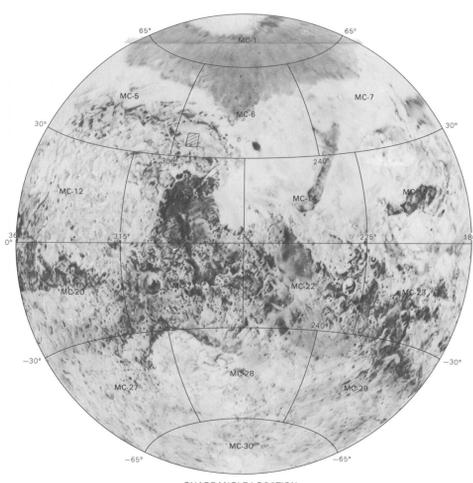
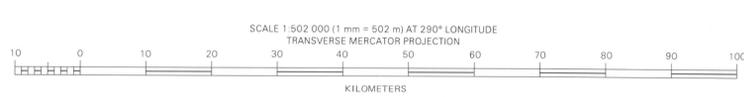


MTM 35292—contour, 500 m; 1:500,000  
 Prepared on behalf of the Planetary Geology and Geophysics Program,  
 Planetary Division, Office of Space Science and Applications, National  
 Aeronautics and Space Administration, under contract W 15.814.



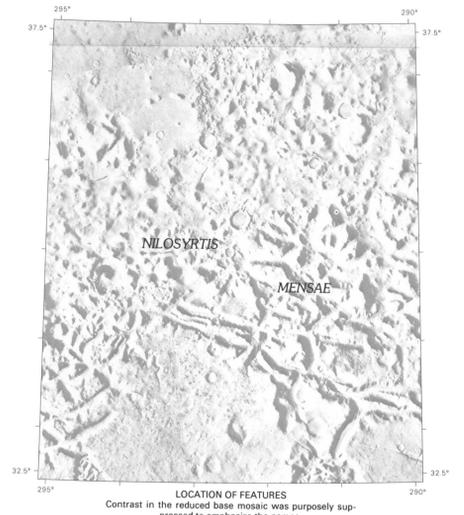
**NOTES ON BASE**  
 This photomosaic is part of a series of quadrangles selected to show areas of special  
 interest on Mars. Viking Orbiter high-resolution pictures (less than 100 m per picture  
 element) were used to make the mosaic. The images have been digitally enhanced to  
 accentuate high-frequency detail. Image placement is based on the 1978 control net  
 (Davies and others, 1978), the 1982 control net (Davies and Katayama, 1983), and the  
 Mars control network (Wu and Schafer, 1984). These nets contain published standard  
 errors of approximately 5 km, and agreement of points common to the nets may differ  
 by as much as 1 cm at map scale. Image points from 1:2,000,000-scale controlled  
 photomosaics were transferred to the Transverse Mercator projection where control  
 points are sparse or not available.

The density, distribution, precision, and accuracy of available control points used for  
 this map series are extremely variable. A block of mosaics compiled in areas of  
 optimum control-point distribution is not likely to match adjacent blocks previously  
 compiled in areas of sparse or imprecise control. Where discrepancies exist between  
 adjacent mosaics, the more recent compilation is probably more accurate. No  
 attempt was made to resolve large edge discrepancies with previous compilations.

The projection is based on a Mars Transverse Mercator (MTM) system with 20°  
 zones. The scale factor at the central meridian of the zone containing this quadrangle  
 is 0.9960. The projection scale is based on an oblate spheroid (flattening of 1/192) with  
 an equatorial radius of 3393.4 km and a polar radius of 3375.7 km.

**NOMENCLATURE**  
 All names shown on the reduced base mosaic are approved by the International  
 Astronomical Union (IAU, 1974).  
 MTM 35292 Abbreviation for Mars; Transverse Mercator projection;  
 sheet 35292.  
 M 500K 35/292 CM Abbreviation for Mars; 1:500,000 series; center of sheet  
 lat 35° N, long 292°; controlled photomosaic (CM).

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**MTM 35292**  
**CONTROLLED PHOTOMOSAIC OF PART OF THE NILOSYRTIS MENSÆ**  
**REGION OF MARS**  
**M 500K 35/292 CM**  
**1988**

**NOTE TO USERS**  
 Users noting errors or omissions are urged to indicate them on the  
 map and to forward it to U.S. Geological Survey, Building 4, Room  
 454, 2255 North Gemini Drive, Flagstaff, Arizona 86001. A replace-  
 ment copy will be returned.

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