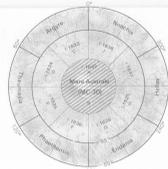




This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 1.0 to 300 m per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement was based on the 1978 control net (Davies, M. E., and others, 1978, Control net of Mars: February 1978; The Rand Corp. R-3309-NASA). At least 66 percent of the image control points lie within 0.5 mm (1 km) of their published locations.

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SCALE 1:2 034 150 (1 mm = 2 034 km) AT -90°
1:2 000 000 (1 mm = 2 km) AT -75.008°
POLAR STEREOGRAPHIC PROJECTION



100°	110°	120°	130°	140°	150°	160°	170°	180°	190°	200°
Diana (MC-1)	Arada (MC-2)	Mare Adulium (MC-3)	Immenh Locus (MC-4)	Castor (MC-5)	Colonia (MC-6)					
100° 00' 00" W	110° 00' 00" W	120° 00' 00" W	130° 00' 00" W	140° 00' 00" W	150° 00' 00" W	160° 00' 00" W	170° 00' 00" W	180° 00' 00" W	190° 00' 00" W	200° 00' 00" W
90° 00' 00" S	85° 00' 00" S	80° 00' 00" S	75° 00' 00" S	70° 00' 00" S	65° 00' 00" S	60° 00' 00" S	55° 00' 00" S	50° 00' 00" S	45° 00' 00" S	40° 00' 00" S

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 replacement copy will be returned.



INDEX TO VIKING PICTURES
The mosaic was made with the Viking pictures outlined above. Copies of various enhancements of these pictures are available from National Space Science Data Center, Code 601, Goddard Space Flight Center, Greenbelt, MD 20771.



LOCATION OF SELECTED FEATURES
Contrast in the shaded base mosaic was purposely suppressed to emphasize the names.

CONTROLLED PHOTOMOSAIC OF THE MARE AUSTRALE A AND B REGIONS OF MARS
M 2M-90/0 CM
MC-30 A & B
1985