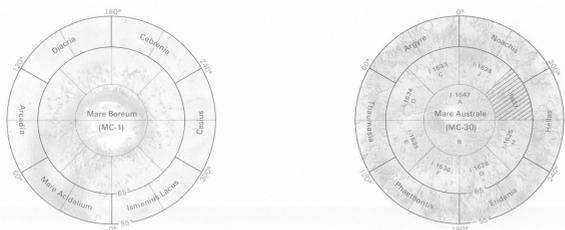
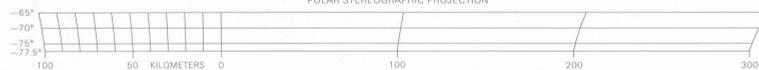


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 m per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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-2309-NASA). At least 66 percent of the image control points lie within 0.5 mm (1 km) of their published locations.

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

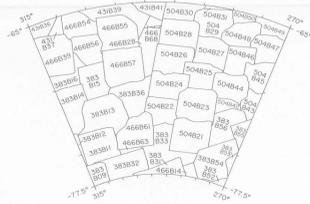
Interior—Geological Survey, Reston, Va.—1985—G84307

Prepared on behalf of the Mars Data Analysis Program,  
Planetary Division, Office of Space Science, National Aero-  
nautics and Space Administration under contract W-14,575

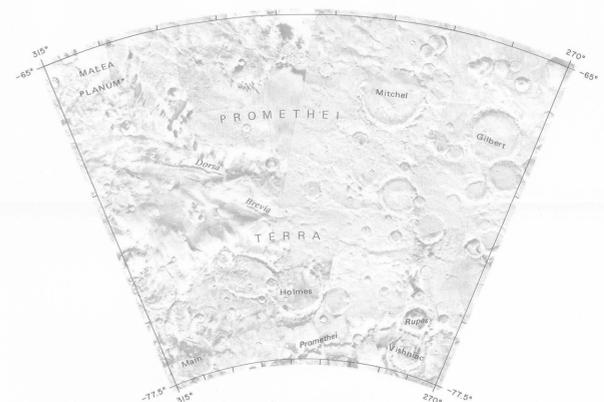


11228 NW	11297 NW	11295 NE	11293 NE	11347 NW	11248 NE	11434 NW	11433 NE	11619 NW	11563 NE	11521 NW	11297 NE
Dacia (MC-2)		Arcadia (MC-3)		Mare Adialium (MC-4)		Isenius Lacus (MC-5)		Cassio (MC-6)		Cebrenia (MC-7)	
11334 NW	11331 NW	11228 NE	11228 NE	11303 NW	11302 NE	11334 NW	11324 NE	11627 NW	11426 NE	11425 NW	11328 NE
Amazons (MC-8)		Tharsis (MC-9)		Lunaria Palus (MC-10)		Ora Palus (MC-11)		Arbia (MC-12)		Syrus Mare (MC-13)	
11181 NW	11181 NW	11228 NE	11228 NE	11307 NW	11307 NE	11324 NW	11324 NE	11627 NW	11426 NE	11425 NW	11328 NE
Merionia (MC-14)		Phoenicia Lacus (MC-15)		Cophaxa (MC-16)		Magister/Sinus (MC-17)		Sinus Sclavus (MC-18)		Aegle (MC-19)	
11181 NW	11181 NW	11228 NE	11228 NE	11307 NW	11307 NE	11324 NW	11324 NE	11627 NW	11426 NE	11425 NW	11328 NE
Phaethon (MC-20)		Tharsis (MC-21)		Argiro (MC-22)		Noctis (MC-23)		Mare (MC-24)		Syrus (MC-25)	
11181 NW	11181 NW	11228 NE	11228 NE	11307 NW	11307 NE	11324 NW	11324 NE	11627 NW	11426 NE	11425 NW	11328 NE
Phaethon (MC-24)		Tharsis (MC-25)		Argiro (MC-26)		Noctis (MC-27)		Mare (MC-28)		Syrus (MC-29)	
11181 NW	11181 NW	11228 NE	11228 NE	11307 NW	11307 NE	11324 NW	11324 NE	11627 NW	11426 NE	11425 NW	11328 NE
Phaethon (MC-24)		Tharsis (MC-25)		Argiro (MC-26)		Noctis (MC-27)		Mare (MC-28)		Syrus (MC-29)	

INDEX OF PUBLISHED PHOTOMOSAICS  
Quadrangle availability is indicated by an "I" series number.



INDEX TO VIKING PICTURES  
The mosaic was made with the Viking pictures outlined above. Coverage at comparable resolution was not available in cross-hatched areas. 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 reduced base mosaic was purposely suppressed to emphasize the names. Provisional names are indicated by an asterisk, pending approval by the International Astronomical Union.

## CONTROLLED PHOTOMOSAIC OF THE MARE AUSTRALE I QUADRANGLE OF MARS

M 2M -71/293 CM

MC-30 I

1985

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.

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