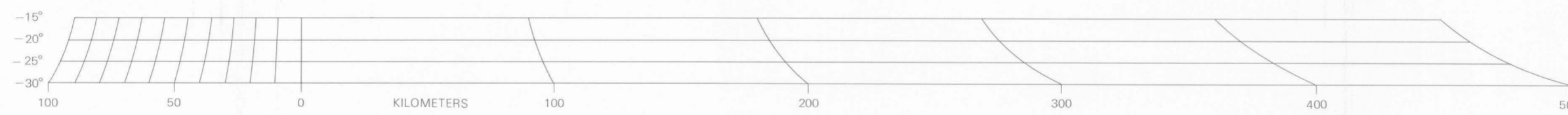
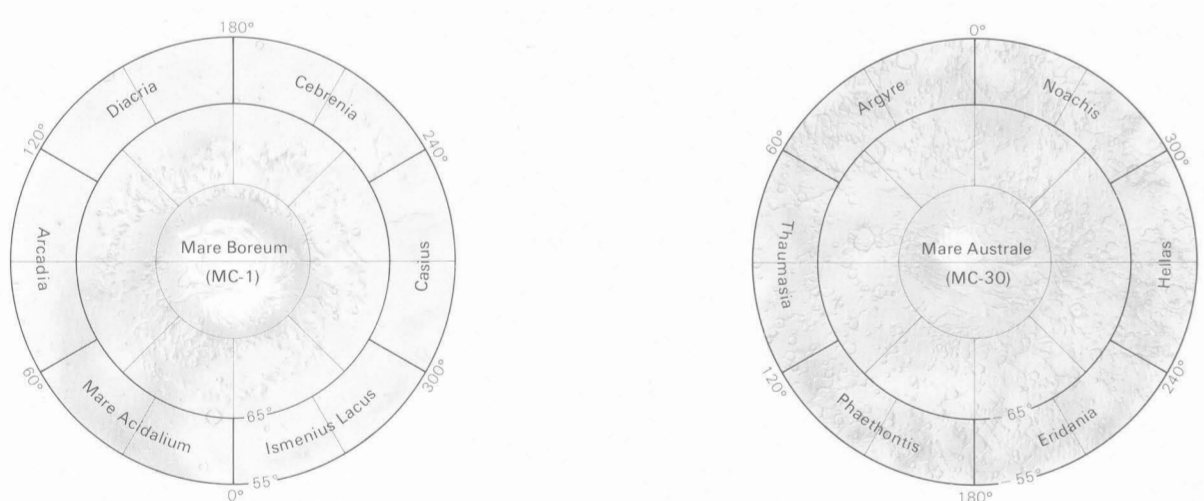


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 30° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement is based on the 1978 control net (Davies, M. E., and others, 1978, Control net of Mars, February 1978, The Rand Corp. R02309-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 -27.476°)  
MERCATOR PROJECTION



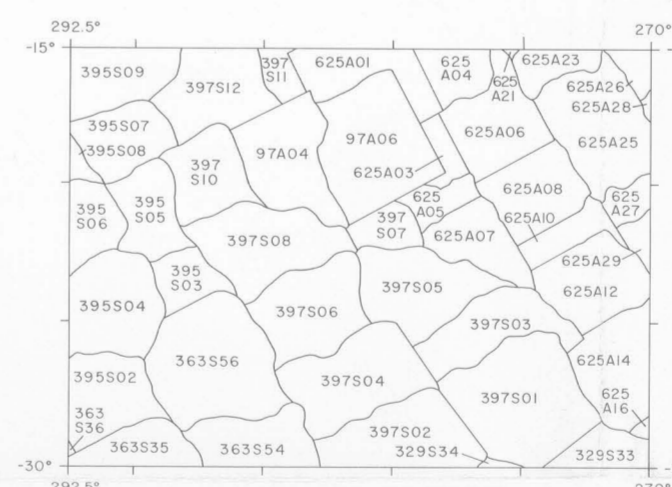
Interior—Geological Survey, Reston, Va.—1982—G82069  
Prepared on behalf of the Mars Data Analysis Program,  
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14,575



11208 SW	11209 NW	11210 NE	11211 SE	11212 SW	11213 NW	11214 NE	11215 SE	11216 SW	11217 NW	11218 NE	11219 SE
Dacia (MC-2)	Arcadia (MC-3)	Mare Additium (MC-4)	Immanus Lacus (MC-5)	Cassus (MC-6)	Coberna (MC-7)						
11220 SW	11221 NW	11222 NE	11223 SE	11224 SW	11225 NW	11226 NE	11227 SE	11228 SW	11229 NW	11230 NE	11231 SE
Amphion (MC-8)	Thule (MC-9)	Lunus Palus (MC-10)	Oxia Palus (MC-11)	Arabis (MC-12)	Syrinx Major (MC-13)	Amethyst (MC-14)	Eryman (MC-15)				
11232 SW	11233 NW	11234 NE	11235 SE	11236 SW	11237 NW	11238 NE	11239 SE	11240 SW	11241 NW	11242 NE	11243 SE
Mentona (MC-16)	Phoenicis Lacus (MC-17)	Copias (MC-18)	Nargandis Sinus (MC-19)	Soma Siphonia (MC-20)	Mare Tyrrhenum (MC-21)	Apollis (MC-22)					
11244 SW	11245 NW	11246 NE	11247 SE	11248 SW	11249 NW	11250 NE	11251 SE	11252 SW	11253 NW	11254 NE	11255 SE
Phaenops (MC-24)	Thumassa (MC-25)	Argoie (MC-26)	Noctua (MC-27)	Herbas (MC-28)	Eridanos (MC-29)						
11256 SW	11257 NW	11258 NE	11259 SE	11260 SW	11261 NW	11262 NE	11263 SE	11264 SW	11265 NW	11266 NE	11267 SE

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

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 reduced base mosaic was purposely suppressed to emphasize the names.

## CONTROLLED PHOTOMOSAIC OF THE IAPYGIA SOUTHEAST QUADRANGLE OF MARS

M 2M-22/281 CM

MC-21 SE

1982

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