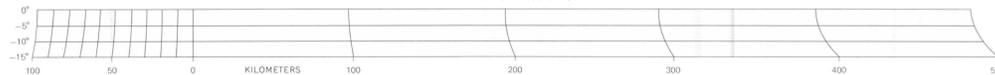
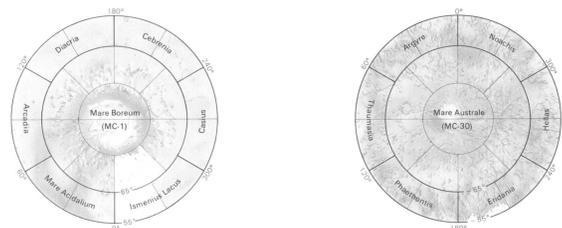


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement is based on the 1978 control net (Davies, M.E., and others, 1978, Control net on 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



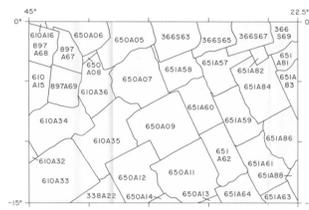
Interior—Geological Survey, Reston, Va.—1981—G81214  
Prepared on behalf of the Mars Data Analysis Program,  
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14-575



11228 NW	11229 NW	11230 NW	11231 NW	11232 NW	11233 NW	11234 NW	11235 NW	11236 NW	11237 NW	11238 NW	11239 NW
Diacria (MC-2)	Arcadia (MC-3)	Mare Acidalium (MC-4)	Immenus Lacus (MC-5)	Casius (MC-6)	Cebrenia (MC-7)						
11228 SW	11229 SW	11230 SW	11231 SW	11232 SW	11233 SW	11234 SW	11235 SW	11236 SW	11237 SW	11238 SW	11239 SW
Amazonia (MC-8)	Tharsis (MC-9)	Lunae Palus (MC-10)	Oxia Palus (MC-11)	Arabia (MC-12)	Syrtes Major (MC-13)	Amenthes (MC-14)	Elysium (MC-15)				
11240 SW	11241 SW	11242 SW	11243 SW	11244 SW	11245 SW	11246 SW	11247 SW	11248 SW	11249 SW	11250 SW	11251 SW
Memnonia (MC-16)	Phaethon Lacus (MC-17)	Copernicus (MC-18)	Margaritifer Sinus (MC-19)	Silvius Strabon (MC-20)	Narya (MC-21)	Mare Tyrrhenum (MC-22)	Acies (MC-23)				
11252 SW	11253 SW	11254 SW	11255 SW	11256 SW	11257 SW	11258 SW	11259 SW	11260 SW	11261 SW	11262 SW	11263 SW
Phaethon (MC-24)	Thaumas (MC-25)	Argyre (MC-26)	Noachis (MC-27)	Hellas (MC-28)	Endonia (MC-29)						
11264 SW	11265 SW	11266 SW	11267 SW	11268 SW	11269 SW	11270 SW	11271 SW	11272 SW	11273 SW	11274 SW	11275 SW

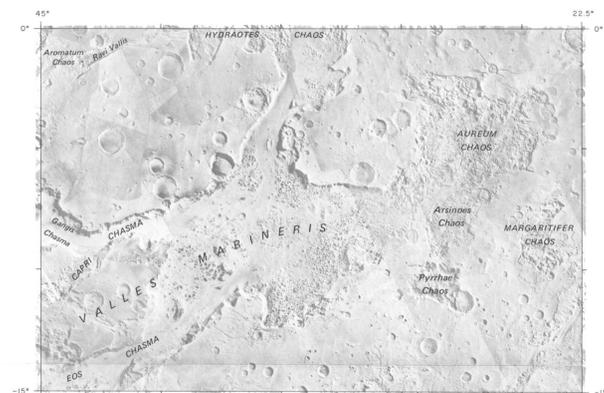
INDEX OF PUBLISHED PHOTOMOSAICS  
Quadrangle availability is indicated by an "I" series number.

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 64, 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 names.

CONTROLLED PHOTOMOSAIC OF THE MARGARITIFER SINUS NORTHWEST QUADRANGLE OF MARS

M 2M -7/34 CM

MC-19 NW

1981