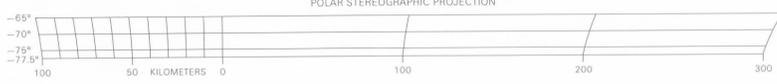


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 m per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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—G84304

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

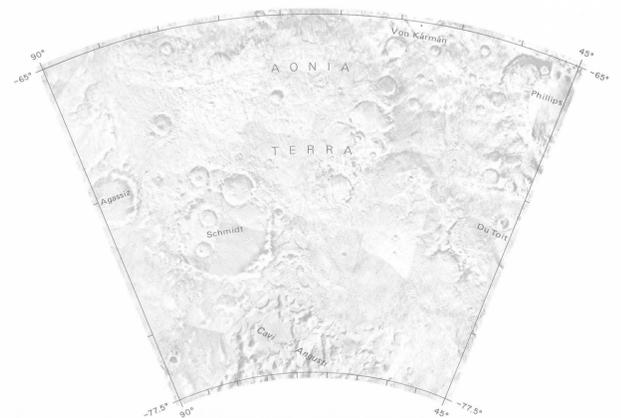


180°	120°	60°	0°	300°	240°	180°
13228 NW Dacia (MC-2)	13269 NE Arcadia (MC-3)	13263 NE Mare Acidalium (MC-4)	13247 NW Isenius Lacus (MC-5)	13244 NE Cessus (MC-6)	13221 NW Cobremia (MC-7)	13227 NE
13228 SW 13265 SE	13267 SW 13267 SE	13262 SW 13262 SE	13259 SW 13259 SE	13252 SW 13252 SE	13248 SW 13248 SE	13248 SW 13248 SE
13224 NW Araucaria (MC-8)	13221 NE Thuris (MC-9)	13206 NW Lunaria Palus (MC-10)	13202 NE Osa Palus (MC-11)	13196 NW Anilla (MC-12)	13192 NE Syrus Major (MC-13)	13187 SW Amenthes (MC-14)
13222 SW 13222 SE	13202 SW 13202 SE	13200 SW 13200 SE	13198 SW 13198 SE	13196 SW 13196 SE	13194 SW 13194 SE	13192 SW 13192 SE
13198 NW Memnonia (MC-16)	13195 NE Phoenicea Lacus (MC-17)	13190 NW Cupidus (MC-18)	13187 NE Margifer Sinus (MC-19)	13183 SW Senus Schottum (MC-20)	13179 NE Mare Hydruntum (MC-21)	13176 SW Abdis (MC-23)
13198 SW 13198 SE	13195 SW 13195 SE	13190 SW 13190 SE	13187 SW 13187 SE	13183 SW 13183 SE	13179 SW 13179 SE	13176 SW 13176 SE
13193 NW Phaenonitis (MC-24)	13190 NE Thaumasia (MC-25)	13185 NW Aegyptus (MC-26)	13182 NE Noachis (MC-27)	13178 SW Hellas (MC-28)	13175 NE Erythraea (MC-29)	13172 SW 13172 SE
13193 SW 13193 SE	13190 SW 13190 SE	13185 SW 13185 SE	13182 SW 13182 SE	13178 SW 13178 SE	13175 SW 13175 SE	13172 SW 13172 SE

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. 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 MARE AUSTRALE D QUADRANGLE OF MARS

M 2M -71/68 CM

MC-30 D

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.

For sale by Branch of Distribution, U.S. Geological Survey,
1200 South East Street, Arlington, VA 22202, and Branch of Distribution,
U.S. Geological Survey, Box 25286, Federal Center, Denver, CO 80225