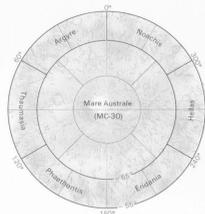
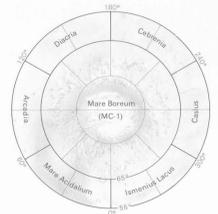
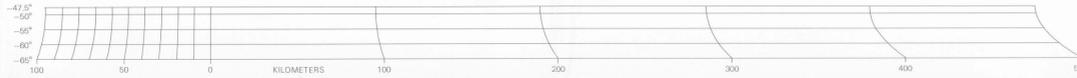


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally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

Interior—Geological Survey, Reston, Va.—1984-G04144
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.

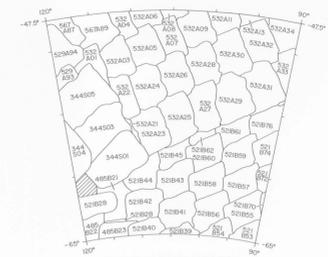
SCALE 1:2,000,000 (1 mm=2 km) AT -69.17°
LAMBERT CONFORMAL PROJECTION



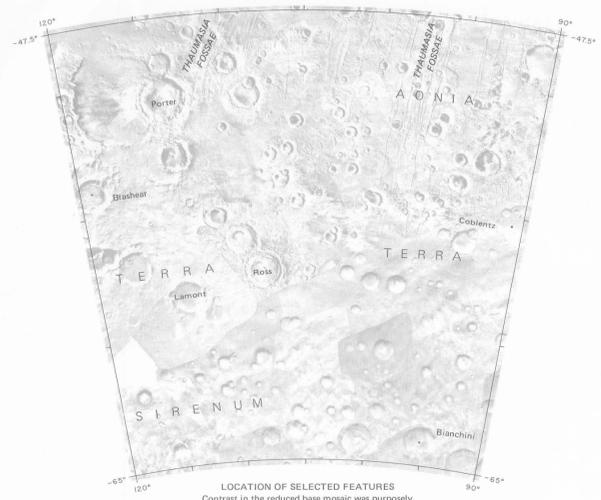
120°W	115°W	110°W	105°W	100°W	95°W	90°W
11228 NW Dacia (MC-2)	11229 NW Arcadia (MC-3)	11230 NW Mare Boreum (MC-1)	11231 NW Mare Acidalium (MC-4)	11232 NW Imberius Lacus (MC-5)	11233 NW Cebrenia (MC-6)	11234 NW Cebrenia (MC-6)
11227 SW Amazonis (MC-8)	11228 SW Thaesis (MC-9)	11229 SW Lunali Palus (MC-10)	11230 SW Oxia Palus (MC-11)	11231 SW Arabia (MC-12)	11232 SW Syria Major (MC-13)	11233 SW Amenethes (MC-14)
11226 SE Momonis (MC-15)	11227 SE Phoebastus Lacus (MC-16)	11228 SE Coprates (MC-17)	11229 SE Margaritifer Sinus (MC-18)	11230 SE Sinus Sabaeus (MC-19)	11231 SE Mars Tyrrhenus (MC-20)	11232 SE Argos (MC-21)
11225 S Phaenocarpa (MC-24)	11226 S Thaumasia (MC-25)	11227 S Argus (MC-26)	11228 S Noctis (MC-27)	11229 S Noctis (MC-28)	11230 S Noctis (MC-29)	11231 S Eridania (MC-30)

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 Central Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.



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.

CONTROLLED PHOTOMOSAIC OF THE THAUMASIA SOUTHWEST QUADRANGLE OF MARS

M 2M -56/105 CM
MC-25 SW
1984