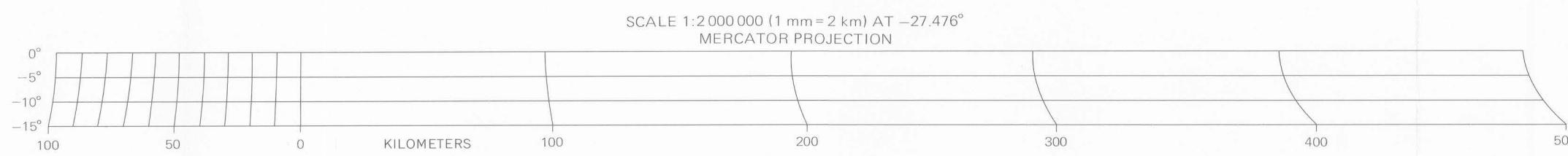


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally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

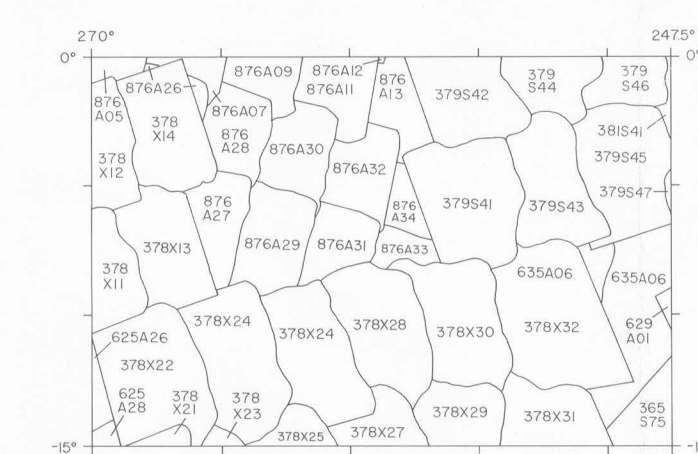


Interior—Geological Survey, Reston, Va.—1982—G82249
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14.575

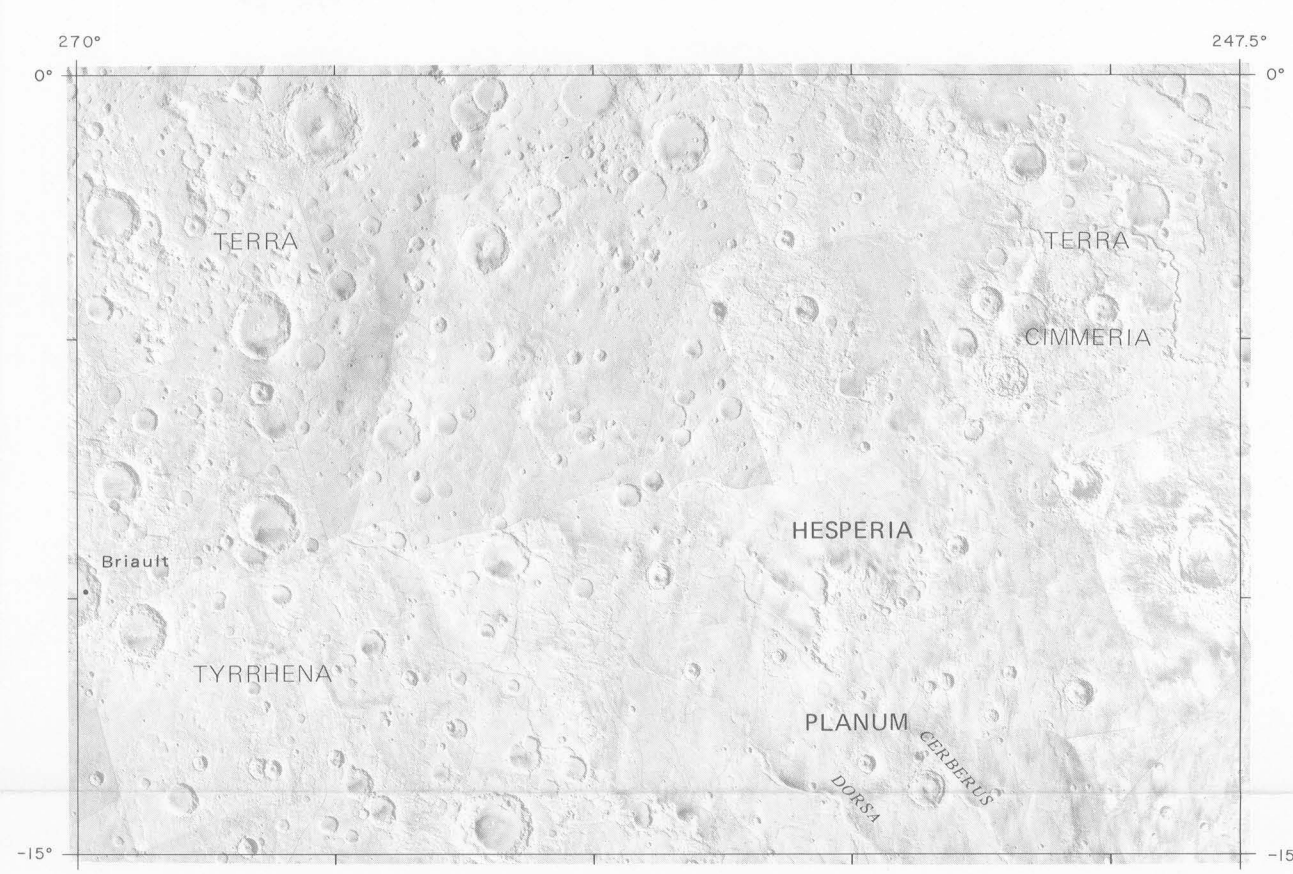


11208 NW Dacia (MC-2)	11209 NE Arcadia (MC-3)	11210 SW Mare Acidalium (MC-4)	11211 SE Imeneus Lacus (MC-5)	11212 NW Cassia (MC-6)	11213 NE Cerberia (MC-7)
11214 SW Amazonis (MC-8)	11215 SE Thaesis (MC-9)	11216 SW Lunae Palus (MC-10)	11217 SE Oxia Palus (MC-11)	11218 SW Arabia (MC-12)	11219 SE Syrtis Major (MC-13)
11220 SW Memnonia (MC-14)	11221 SE Phaenacia Lacus (MC-15)	11222 SW Coprates (MC-16)	11223 SE Margariter Sinus (MC-17)	11224 SW Sinus Sabaeus (MC-18)	11225 SE Tyrrhenum (MC-19)
11226 SW Phaethon (MC-20)	11227 SE Thaumasia (MC-21)	11228 SW Argive (MC-22)	11229 SE Acidalia (MC-23)	11230 SW Hellas (MC-24)	11231 SE Elysium (MC-25)

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 MARE TYRRHENUM NORTHWEST QUADRANGLE OF MARS
M 2M-7/259 CM
MC-22 NW
1982

For sale by Branch of Distribution, U.S. Geological Survey,
1200 South Eads Street, Arlington, VA 22202, and Branch of Distribution,
U.S. Geological Survey, Box 20286, Federal Center, Denver, CO 80225