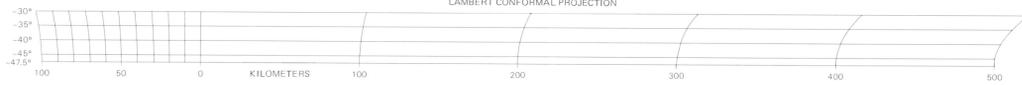
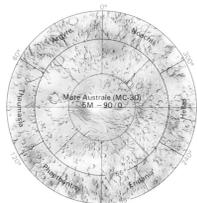
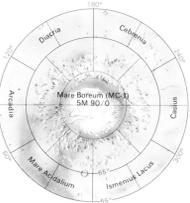


This photomosaic is part of a new series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been 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. L., 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 (1mm=2km) AT -36.83°
LAMBERT CONFORMAL PROJECTION

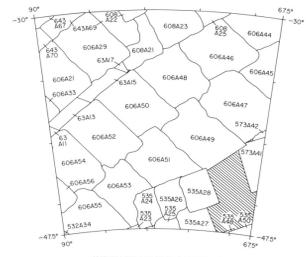


Interior-Geological Survey, Reston, Va.—1980-G80139
Prepared on behalf of the Planetary Geology Program,
Planetary Division, Office of Space Science, National
Aeronautics and Space Administration under contract
W-13,709

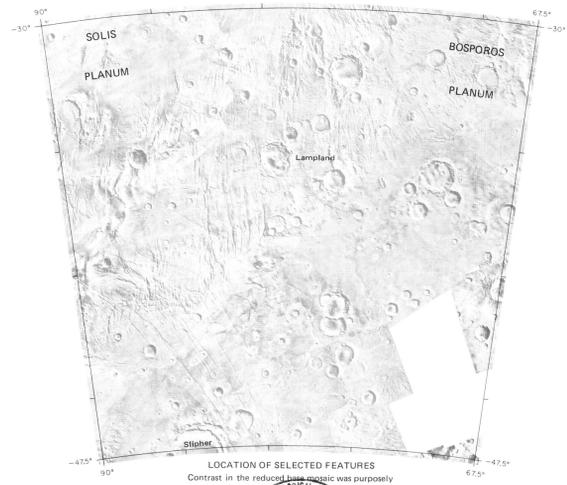


LISTING OF PUBLISHED
1:2000000 PHOTOMOSAICS

I.No.	Quadrangle Name
I-1183	Coprates Southwest (MC-18 SW)
I-1184	Coprates Southeast (MC-18 SE)
I-1185	Memnonia Northeast (MC-16 NE)
I-1186	Memnonia Northwest (MC-16 NW)
I-1187	Memnonia Southeast (MC-16 SE)
I-1188	Memnonia Southwest (MC-16 SW)
I-1189	Phoenicia Lacus Southwest (MC-17 SW)
I-1190	Phoenicia Lacus Southeast (MC-17 SE)
I-1191	Argyre Northwest (MC-26 NW)
I-1192	Argyre North-Central (MC-26 N-C)
I-1193	Argyre Northeast (MC-26 NE)
I-1205	Phoenicia Lacus Northwest (MC-17 NW)
I-1206	Phoenicia Lacus Northeast (MC-17 NE)
I-1207	Coprates Northwest (MC-18 NW)
I-1208	Coprates Northeast (MC-18 NE)
I-1209	Margaritifer Sinus Southwest (MC-19 SW)
I-1210	Margaritifer Sinus Southeast (MC-19 SE)
I-1211	Sinus Sabaeus Southwest (MC-20 SW)
I-1212	Sinus Sabaeus Southeast (MC-20 SE)
I-1213	Aeolis Northwest (MC-23 NW)
I-1214	Aeolis Southwest (MC-23 SW)
I-1215	Aeolis Southeast (MC-23 SE)
I-1258	Tharsis Northeast (MC-9 NE)
I-1259	Tharsis Northwest (MC-9 NW)
I-1260	Tharsis Southeast (MC-9 SE)
I-1261	Tharsis Southwest (MC-9 SW)
I-1262	Thaumasia Northeast (MC-25 NE)
I-1263	Thaumasia Northwest (MC-25 NW)



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 501.4, Goddard Space Flight Center, Greenbelt, MD 20771.



LOCATION OF SELECTED FEATURES
Contrast in the reduced scale mosaic was purposely suppressed to emphasize the features.

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.

CONTROLLED PHOTOMOSAIC OF THE THAUMASIA NORTHEAST QUADRANGLE OF MARS
M 2M-39/79 CM
MC-25 NE
1980

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