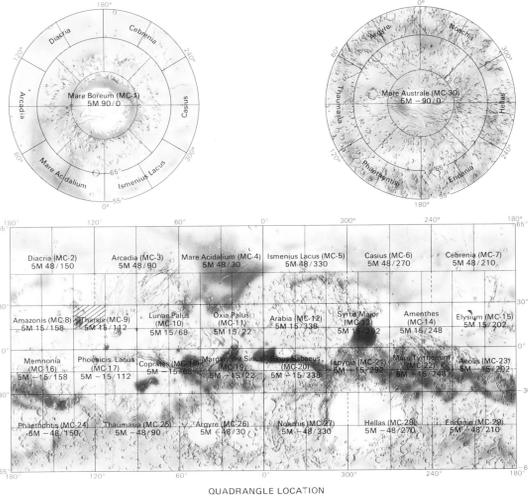


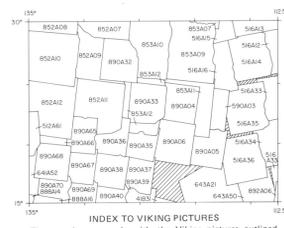
This photomosaic is part of a new series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been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



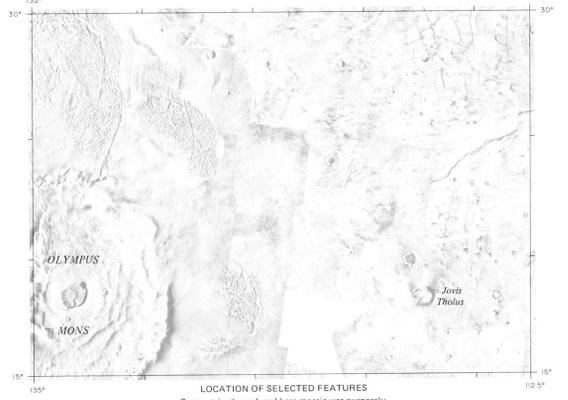
Interior—Geological Survey, Reston, Va.—1980—G00136
Prepared on behalf of the Planetary Geology Program,
Planetary Division, Office of Space Science, National
Aeronautics and Space Administration under contract
W-13,709



- LISTING OF PUBLISHED
1:2000000 PHOTOMOSAICS
- I-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 Phoenicis Lacus Southwest (MC-17 SW)
 - I-1190 Phoenicis 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 Phoenicis Lacus Northwest (MC-17 NW)
 - I-1206 Phoenicis 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 601 A, Goddard Space Flight Center, Greenbelt, MD 20771.



LOCATION OF SELECTED FEATURES
Contrast in the reduced base mosaic was purposely suppressed to emphasize lettering.

CONTROLLED PHOTOMOSAIC OF THE THARSIS NORTHWEST QUADRANGLE OF MARS
M 2M 22/124 CM
MC-9 NW
1980

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.

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