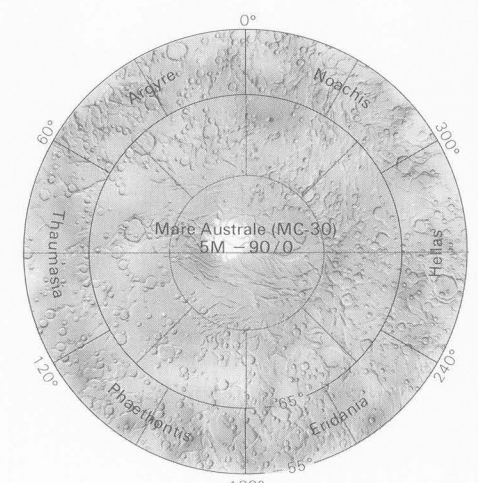
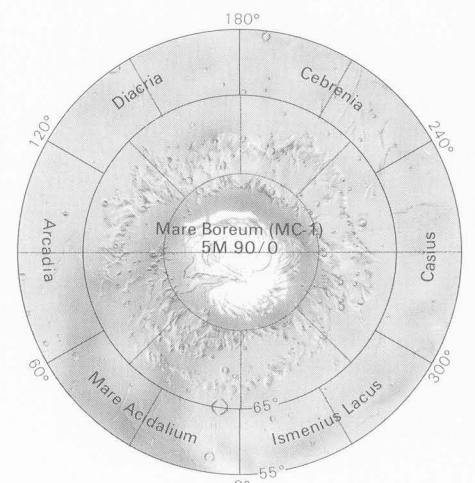
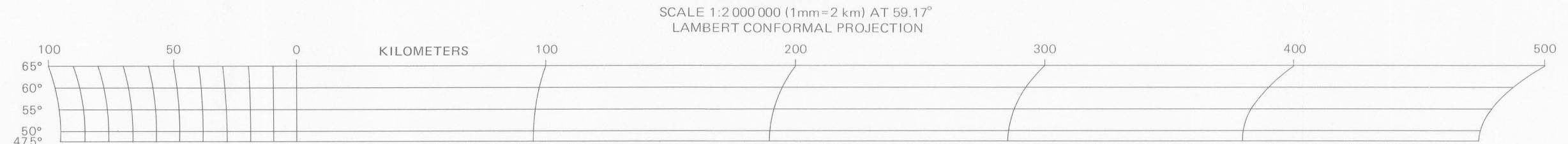


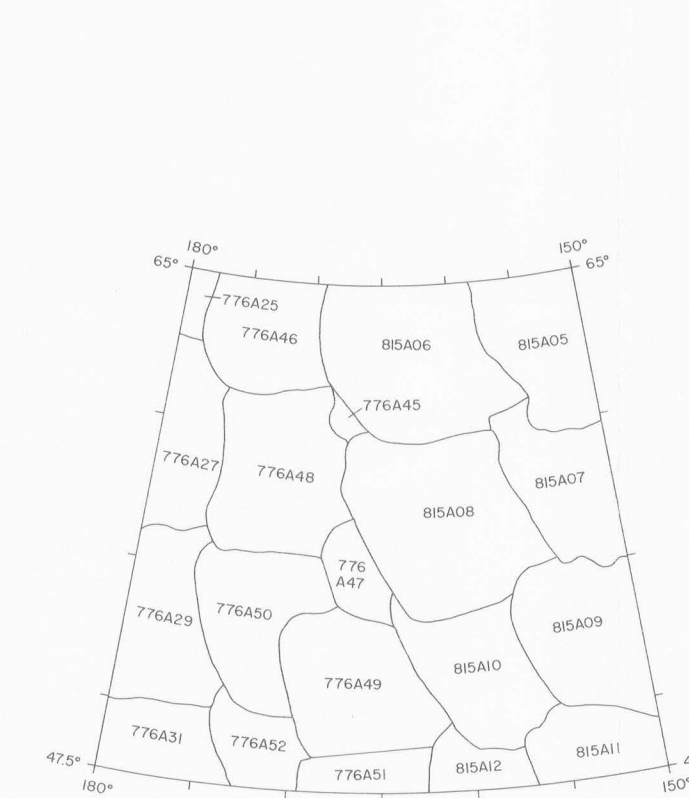
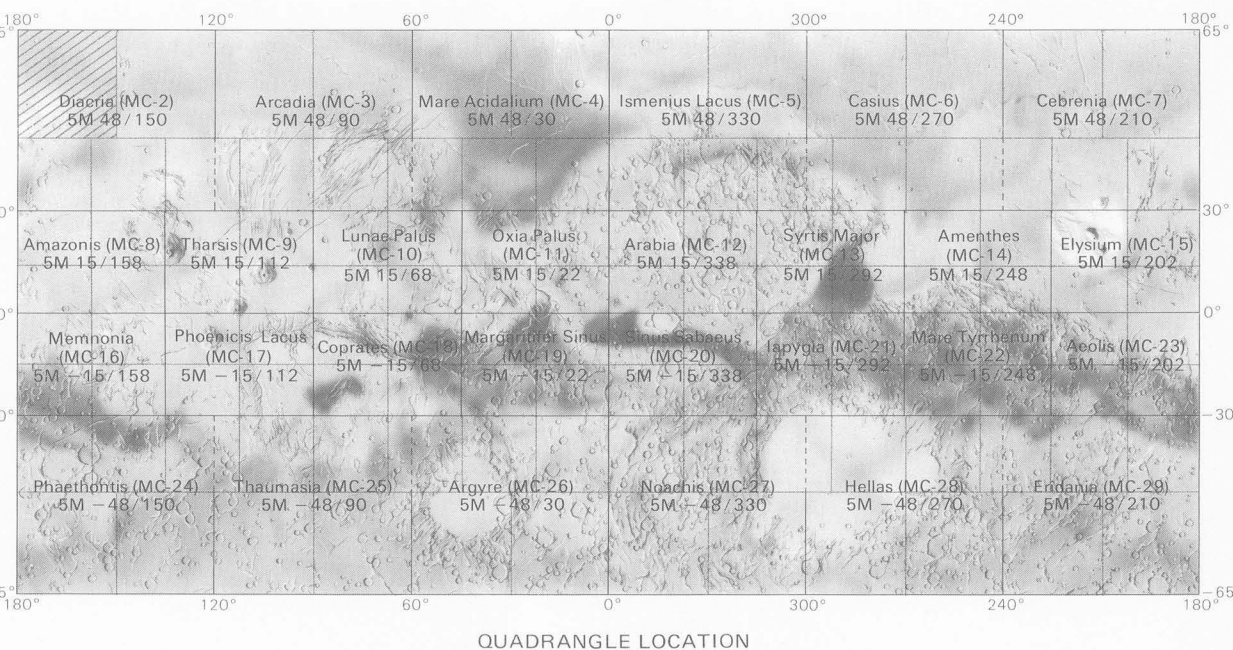
This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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. RO2309-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., 1981—G81052
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



LISTING OF PUBLISHED
1:2 000 000 PHOTOMOSAICS

| I No. | Quadrangle Name | I No. | Quadrangle Name |
|--------|---------------------------------------|--------|---|
| I-1183 | Coprates Southwest (MC-18 SW) | I-1307 | Lunae Palus Southeast (MC-10 SE) |
| I-1184 | Coprates Southeast (MC-18 SE) | I-1308 | Diacria Northwest (MC-2 NW) |
| I-1185 | Memnonia Northeast (MC-16 NE) | I-1311 | Amazonis Northeast (MC-8 NE) |
| I-1186 | Memnonia Northwest (MC-16 NW) | I-1312 | Amazonis Southwest (MC-8 SW) |
| I-1187 | Memnonia Southeast (MC-16 SE) | I-1313 | Amazonis Southeast (MC-8 SE) |
| I-1188 | Memnonia Southwest (MC-16 SW) | I-1314 | Amazonis Northwest (MC-8 NW) |
| I-1189 | Phoenicis Lacus Southwest (MC-17 SW) | I-1315 | Phaethontis Northeast (MC-24 NE) |
| I-1190 | Phoenicis Lacus Southeast (MC-17 SE) | I-1316 | Phaethontis North-Central (MC-24 N-C) |
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| I-1192 | Argyre North-Central (MC-26 N-C) | I-1318 | Eridania Southwest (MC-29 SW) |
| I-1193 | Argyre Northeast (MC-26 NE) | I-1319 | Eridania Northwest (MC-29 NW) |
| I-1194 | Argyre South-Central (MC-26 S-C) | I-1320 | Eridania North-Central (MC-29 N-C) |
| I-1195 | Phoenicis Lacus Northwest (MC-17 NW) | I-1321 | Eridania Northwest (MC-29 SW) |
| I-1196 | Phoenicis Lacus Northeast (MC-17 NE) | I-1322 | Oxia Palus Southeast (MC-11 SE) |
| I-1197 | Coprates Northwest (MC-18 NW) | I-1323 | Oxia Palus Southwest (MC-11 SW) |
| I-1198 | Coprates Northeast (MC-18 NE) | I-1324 | Oxia Palus Northeast (MC-11 NE) |
| I-1199 | Margarifer Sinus Southwest (MC-19 SW) | I-1325 | Oxia Palus Northwest (MC-11 NW) |
| I-1200 | Margarifer Sinus Southeast (MC-19 SE) | I-1326 | Mare Acidalium Northwest (MC-4 NW) |
| I-1201 | Phoenicis Lacus Northwest (MC-17 NW) | I-1327 | Mare Acidalium Northeast (MC-4 NE) |
| I-1202 | Phoenicis Lacus Northeast (MC-17 NE) | I-1328 | Mare Acidalium Southwest (MC-4 SW) |
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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 lettering.

CONTROLLED PHOTOMOSAIC OF THE DIACRIA NORTHWEST QUADRANGLE OF MARS

M 2M 56/165 CM
MC-2 NW
1981

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