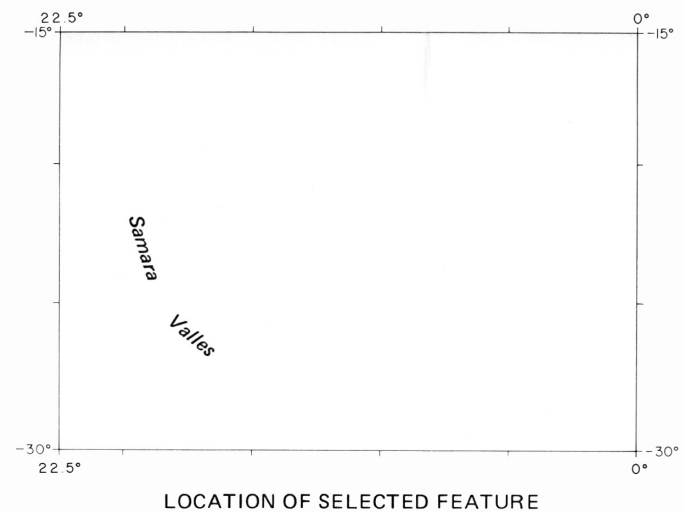


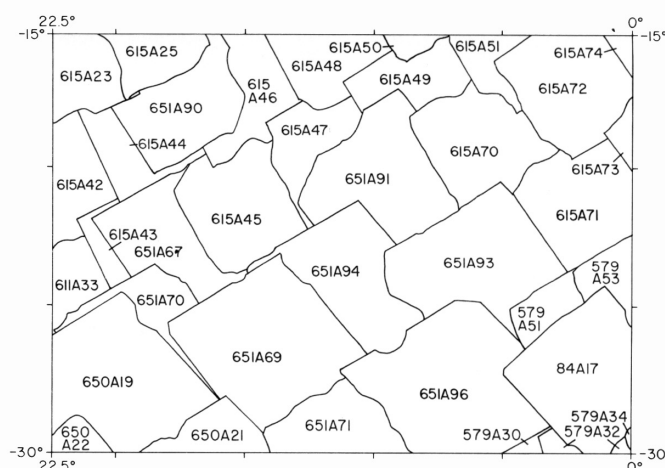
- LISTING OF PUBLISHED
1:2000000 PHOTOMOSAICS
- | I No. | Quadrangle Name |
|--------|---|
| I-1183 | Coprates Southwest (MC-18 SW) |
| I-1184 | Coprates Southeast (MC-18 SE) |
| I-1185 | Memnonia Northeast (MC-16 NE) |
| I-1186 | Memnonia Northwest (MC-16 NW) |
| I-1187 | Memnonia Southeast (MC-16 SE) |
| I-1188 | Memnonia Southwest (MC-16 SW) |
| I-1189 | 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-1200 | Phoenicis Lacus Northwest (MC-17 NW) |
| I-1201 | Phoenicis Lacus Northeast (MC-17 NE) |
| I-1202 | 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) |

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. F., 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.

This version of the quadrangle was made by the Planetary Cartography Section of the U.S. Geological Survey under an accelerated program to allow rapid access to Viking Orbiter pictures. The normal editing process has been abbreviated, and relatively little effort has been expended on the cosmetic appearance of the mosaic. This version may not, therefore, meet standards of quality normally present in publications of the U.S. Geological Survey.



Interior--Geological Survey, Reston, Va. --1979--G79561
Prepared on behalf of the Planetary Geology Program,
Planetary Division, Office of Space Science, National
Aeronautics and Space Administration under contract
W-13,709



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

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,
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Arizona 86001. A replacement copy will be returned.

CONTROLLED PHOTOMOSAIC OF THE MARGARITIFER SINUS SOUTHEAST QUADRANGLE OF MARS

M 2M-22/11 CM MC-19 SE 1979

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