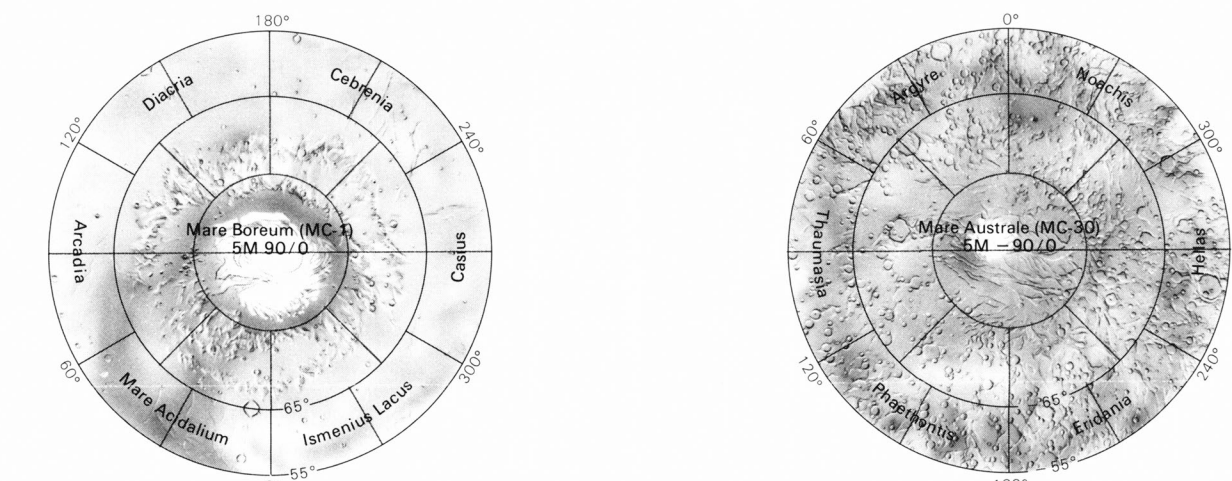


Interior - Geological Survey, Reston, Va. - 1979 - G79962
Prepared on behalf of the Planetary Geology Program,
Planetary Division, Office of Space Science, National
Aeronautics and Space Administration under contract
W-13,709



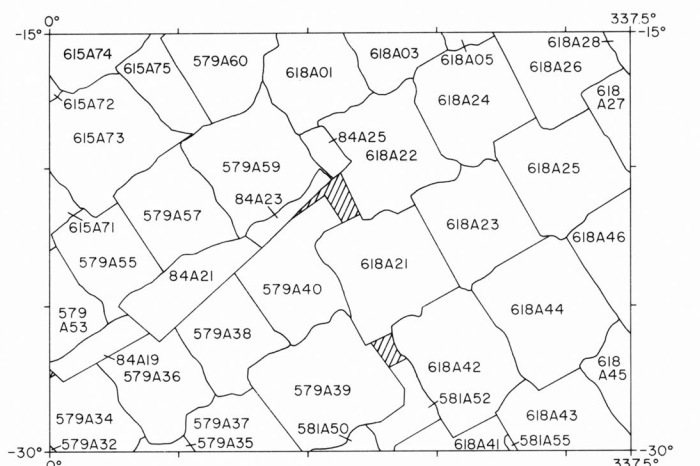
LISTING OF PUBLISHED
1:2000000 PHOTOMOSAICS

I. No.	Quadrangle Name
11183	Coprates Southwest (MC-18 SW)
11184	Coprates Southeast (MC-18 SE)
11185	Mammonia Northeast (MC-16 NE)
11186	Mammonia Northwest (MC-16 NW)
11187	Mammonia Southeast (MC-16 SE)
11188	Mammonia Southwest (MC-16 SW)
11189	Phoenicis Lacus Southwest (MC-17 SW)
11190	Phoenicis Lacus Southeast (MC-17 SE)
11191	Argyre Northwest (MC-26 NW)
11192	Argyre North-Central (MC-26 N-C)
11193	Argyre Northeast (MC-26 NE)
12005	Phoenicis Lacus Northwest (MC-17 NW)
12006	Phoenicis Lacus Northeast (MC-17 NE)
12007	Coprates Northwest (MC-18 NW)
12008	Coprates Northeast (MC-18 NE)
12009	Margaritifer Sinus Southwest (MC-19 SW)
12110	Margaritifer Sinus Southeast (MC-19 SE)
12111	Sinus Sabaeus Southwest (MC-20 SW)
12112	Sinus Sabaeus Southeast (MC-20 SE)
12113	Aeolis Northwest (MC-23 NW)
12114	Aeolis Southwest (MC-23 SW)
12115	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. 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.

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.

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.



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

CONTROLLED PHOTOMOSAIC OF THE SINUS SABAEUS SOUTHWEST QUADRANGLE OF MARS

M 2M-22/349 CM
MC-20 SW
1979

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