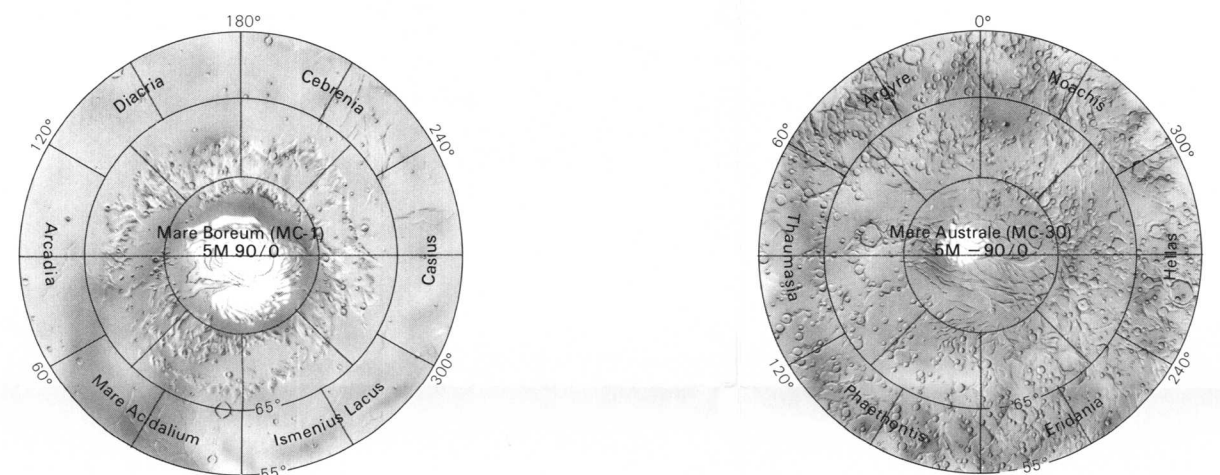


Interior—Geological Survey, Reston, Va.—1979—G79566  
Prepared on behalf of the Planetary Geology Program,  
Planetary Division, Office of Space Science, National  
Aeronautics and Space Administration under contract  
W-13,709

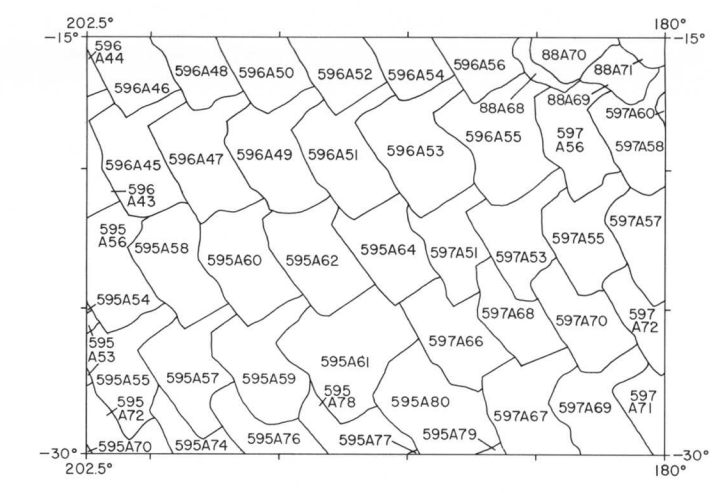
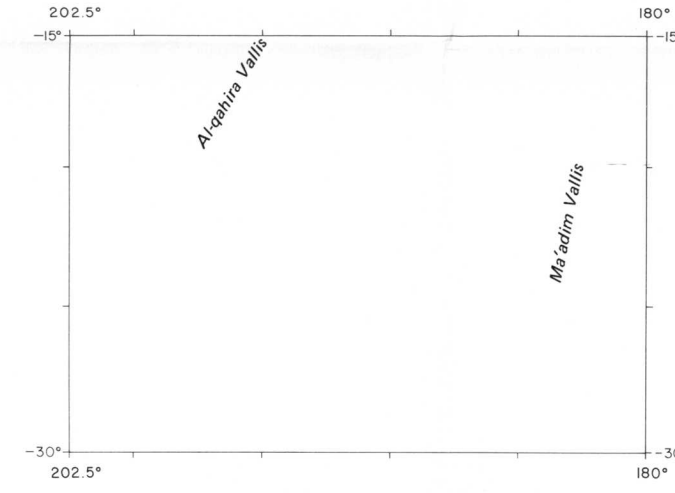


LISTING OF PUBLISHED  
1:2,000,000 PHOTOMOSAICS

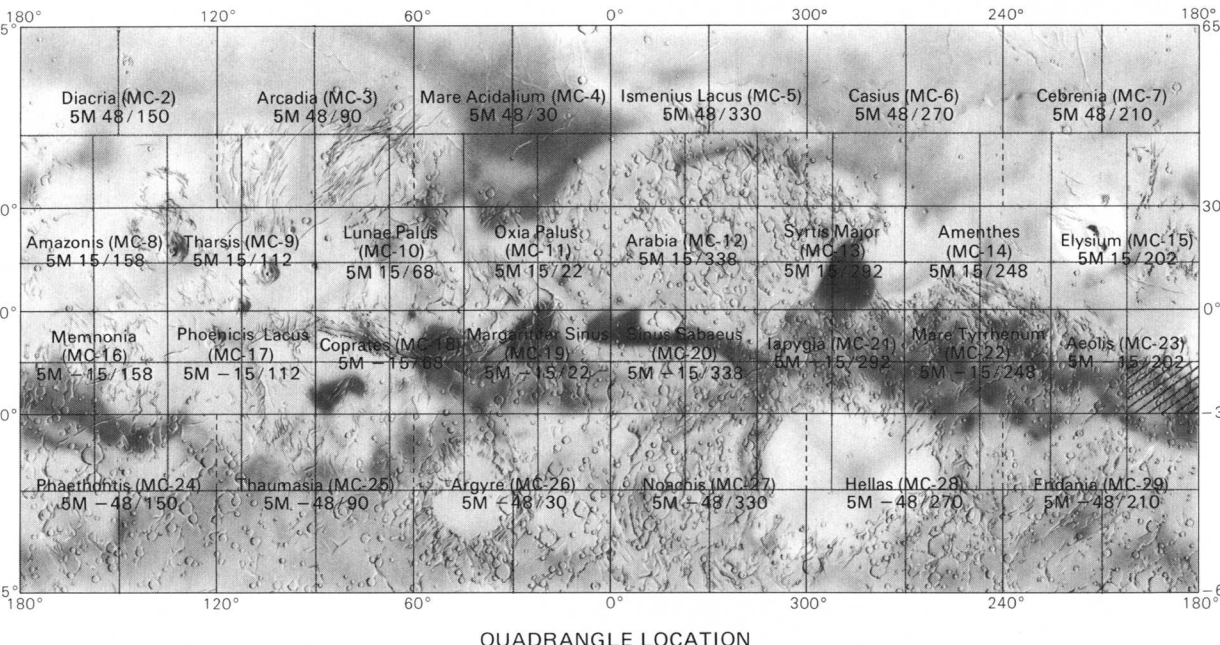
I No.	Quadrangle Name
I-1183	Coprates Southwest (MC-18 SW)
I-1184	Coprates Southeast (MC-18 SE)
I-1185	Memnonia Northwest (MC-16 NW)
I-1186	Memnonia Northwest (MC-16 NW)
I-1187	Memnonia Southeast (MC-16 SE)
I-1188	Memnonia Southwest (MC-16 SW)
I-1189	Phoenicis Lacus Southwest (MC-17 SW)
I-1190	Phoenicis Lacus Southwest (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 Northwest (MC-17 NE)
I-1207	Coprates Northwest (MC-18 NW)
I-1208	Coprates Northwest (MC-18 NE)
I-1209	Margaritifer Sinus Southwest (MC-19 SW)
I-1210	Margaritifer Sinus Southwest (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. 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.



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, Building 4, Room 64, 2255 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.

**CONTROLLED PHOTOMOSAIC OF THE AEOLIS SOUTHEAST QUADRANGLE OF MARS**  
M 2M-22/191 CM  
MC-23 SE  
1979

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