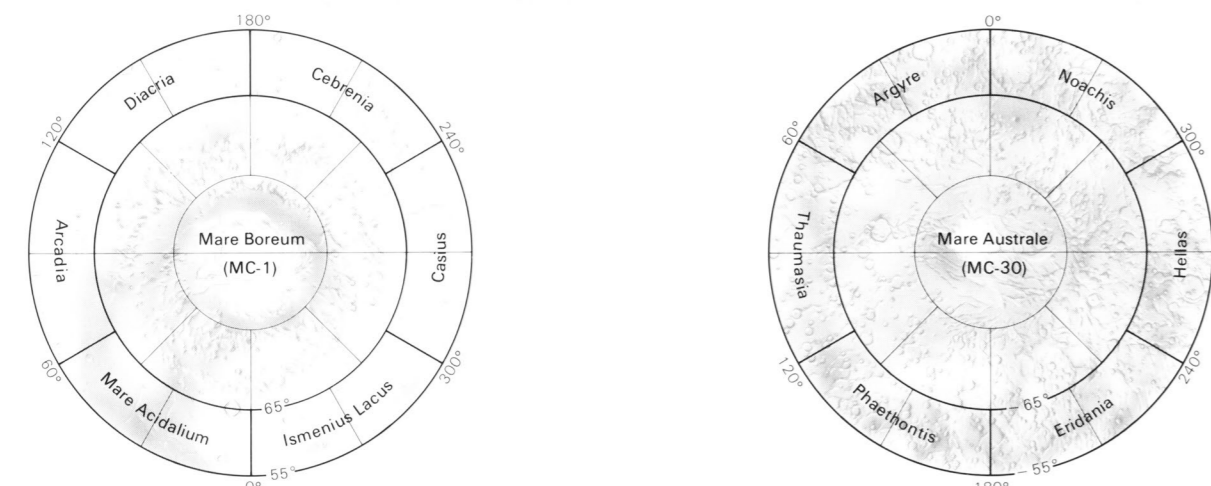
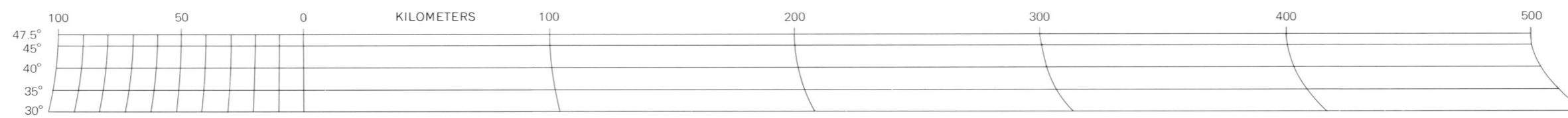


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally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

Interior—Geological Survey, Reston, Va.—1982—G82065  
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

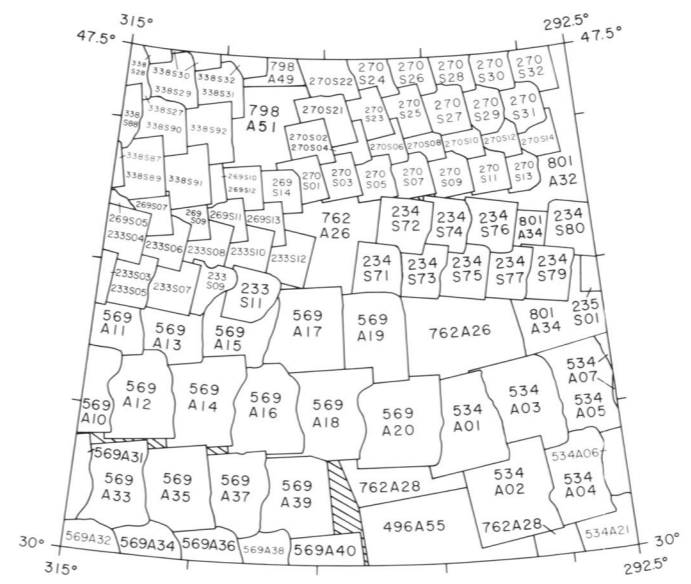
SCALE 1:2,000,000 (1 mm = 2 mi) AT 38.83°  
LAMBERT CONFORMAL PROJECTION



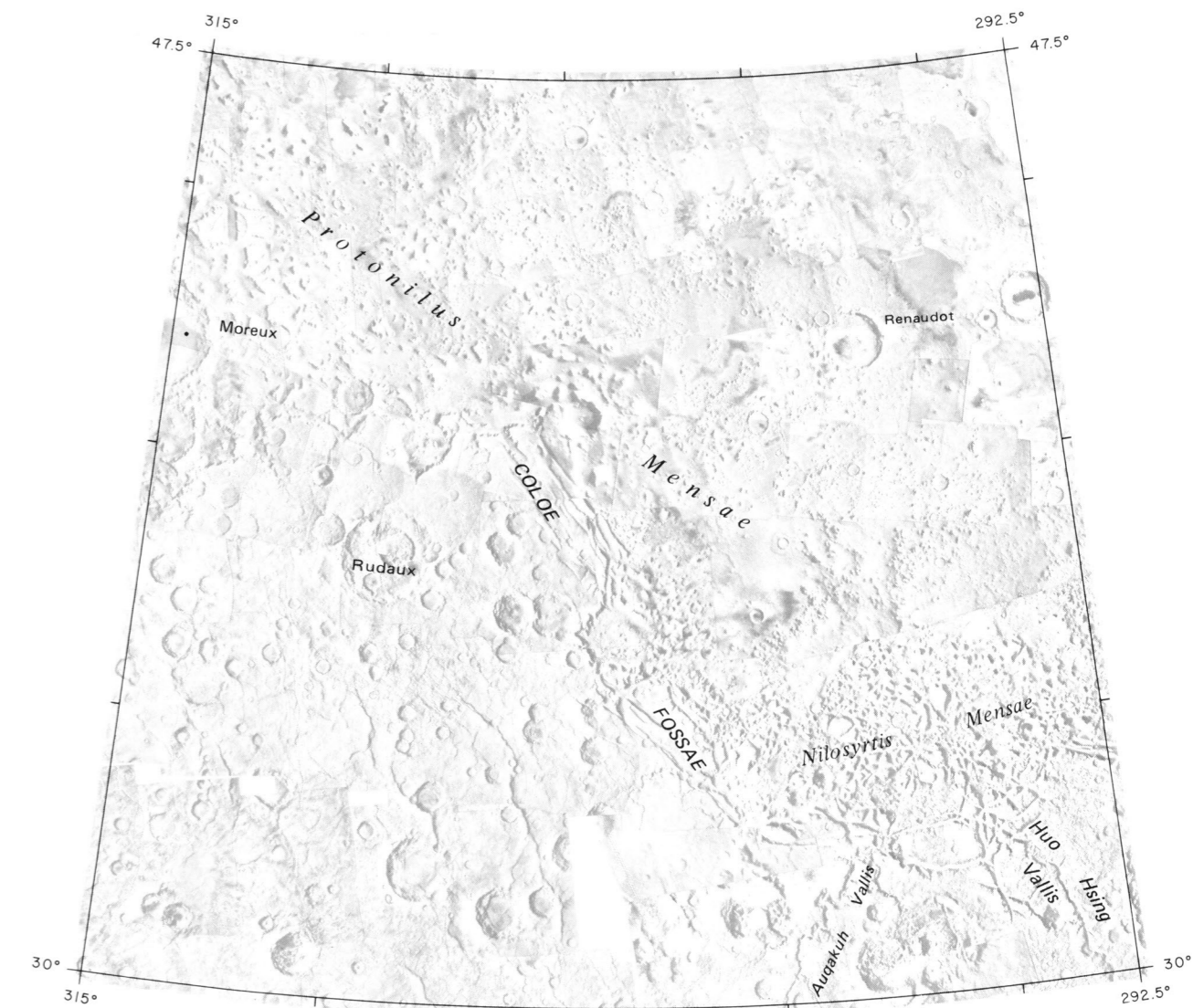
11229	11239	11250	11261	11272	11283	11294	11305	11316	11327
Diabla (MC-2)	Arcadia (MC-3)	Mare Acidulum (MC-4)	Ismenius Lacus (MC-5)	Carina (MC-6)	Cebenna (MC-7)				
11338	11349	11360	11371	11382	11393	11404	11415	11426	11437
Amazonis (MC-8)	Tharsis (MC-9)	Luna Palus (MC-10)	Oxap Palus (MC-11)	Arabia (MC-12)	Syrtes Major (MC-13)	Amethystus (MC-14)	Elysiun (MC-15)		
11451	11462	11473	11484	11495	11506	11517	11528	11539	11550
Mars Terra (MC-16)	Phoeniceus Lacus (MC-17)	Copernicus (MC-18)	Mars Terra (MC-19)	Mars Terra (MC-20)	Mars Terra (MC-21)	Mars Terra (MC-22)	Mars Terra (MC-23)		
11564	11575	11586	11597	11608	11619	11630	11641	11652	11663
Phaenon (MC-24)	Tharsis (MC-25)	Argive (MC-26)	Roachia (MC-27)	Hellas (MC-28)	Endress (MC-29)				
11697	11708	11719	11730	11741	11752	11763	11774	11785	11796

INDEX OF PUBLISHED PHOTOMOSAICS  
Quadrangle availability is indicated by an "I" number.

**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 454, 2215 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 Goddard Space Flight Center, Greenbelt, MD 20771.



**CONTROLLED PHOTOMOSAIC OF THE ISMENIUS LACUS SOUTHEAST QUADRANGLE OF MARS**  
M 2M 39/304 CM  
MC-5 SE  
1982