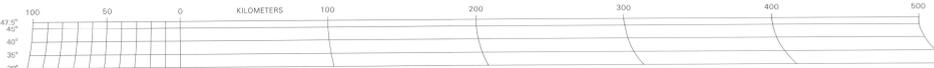
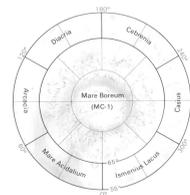


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement was based on the 1978 control net (Davis, M. E., and others, 1978, Control net of Mars, February 1978, The Rand Corp. R-2309-NASA). At least 66 percent of the image control points lie within 0.5 mm (1 km) of their published locations.

SCALE 1:2,000,000 (1 mm = 2 km) AT 35.83°  
LAMBERT CONFORMAL PROJECTION



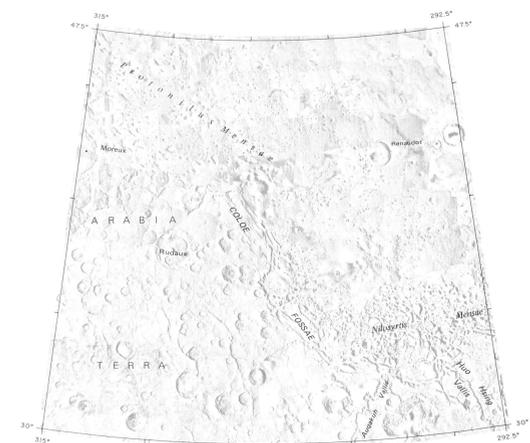
Interior: Geological Survey, Reston, Va.—1985—GB4272  
Revised in January 1984 on behalf of the Mars Data Analysis Program, Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14,575  
This map supersedes I-1436 (the first edition of this sheet).



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



**LOCATION OF SELECTED FEATURES**  
Contrast in the reduced base mosaic was purposely suppressed to emphasize the names.

11200	11205	11210	11215	11220	11225	11230	11235	11240	11245	11250	11255	11260	11265	11270	11275	11280	11285	11290	11295
Daciae (MC-2)	Arcadia (MC-3)	Mare Acidaliuum (MC-4)	Ismenius Lacus (MC-5)	Cerberus (MC-6)	Coburnia (MC-7)														
11300	11305	11310	11315	11320	11325	11330	11335	11340	11345	11350	11355	11360	11365	11370	11375	11380	11385	11390	11395
Amazonia (MC-8)	Tharsis (MC-9)	Lunae Polis (MC-10)	Oxae Petrus (MC-11)	Arctus (MC-12)	Syrus Minor (MC-13)	Amalthea (MC-14)	Erythrum (MC-15)												
11400	11405	11410	11415	11420	11425	11430	11435	11440	11445	11450	11455	11460	11465	11470	11475	11480	11485	11490	11495
Mentonina (MC-16)	Phoenicis Lacus (MC-17)	MAC-18	Marsupiorum Sinus (MC-19)	Sinus Silesiacus (MC-20)	Neposia (MC-21)	Mare Tyrrhenum (MC-22)	Aeslin (MC-23)												
11500	11505	11510	11515	11520	11525	11530	11535	11540	11545	11550	11555	11560	11565	11570	11575	11580	11585	11590	11595
Phaethonina (MC-24)	Tharsis (MC-25)	Argus (MC-26)	Arctus (MC-27)	India (MC-28)	Chryse (MC-29)														

**INDEX OF PUBLISHED PHOTOMOSAICS**  
Quadrangle availability is indicated by an "1" series number.

**CONTROLLED PHOTOMOSAIC OF THE ISMENIUS LACUS SOUTHEAST QUADRANGLE OF MARS**

M 2M 39/304 CM  
MC-5 SE: REVISED  
1985

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