

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 (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.



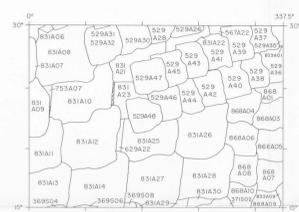
Interior—Geological Survey, Reston, Va.—1982—G82248
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14.575



1128 12W	1129 12W	1130 12W	1131 12W	1132 12W	1133 12W	1134 12W	1135 12W	1136 12W	1137 12W	1138 12W	1139 12W	1140 12W	1141 12W	1142 12W	1143 12W	1144 12W	1145 12W	1146 12W	1147 12W	1148 12W	1149 12W	1150 12W	1151 12W	1152 12W	1153 12W	1154 12W	1155 12W	1156 12W	1157 12W		
Diomedea (MC-2)		Arcadia (MC-3)		Mare Acidulum (MC-4)		Temora Lacus (MC-5)		Cedus (MC-6)		Cobrinus (MC-7)																					
Amazonis (MC-8)		Tharus (MC-9)		Lunae Palus (MC-10)		Oxia Palus (MC-11)		Argoia (MC-12)		Syrus Major (MC-13)		Anasthes (MC-14)		Elysium (MC-15)																	
Mentis (MC-16)		Phoenicia Lacus (MC-17)		Coprates (MC-18)		Margopites Sinus (MC-19)		Sinus Sideratus (MC-20)		Tappan (MC-21)		Mare Tinnimum (MC-22)		Acidus (MC-23)																	
Phobos (MC-24)		Thaumasos (MC-25)		Argus (MC-26)		Niphthar (MC-27)		Hellas (MC-28)		Eridania (MC-29)																					

INDEX OF PUBLISHED PHOTOMOSAICS
Quadrangle availability is indicated by an "I" series 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, 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 G01, Goddard Space Flight Center, Greenbelt, MD 20771.



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

CONTROLLED PHOTOMOSAIC OF THE ARABIA NORTHWEST QUADRANGLE OF MARS
M 2M 22/349 CM
MC-12 NW
1982

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