



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. RQ2309-NASA). At least 66 percent of the image control points lie within 0.5 mm (1 km) of their published locations.



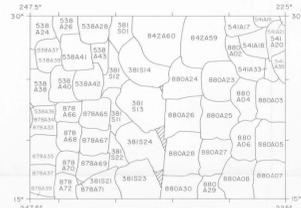
Interior—Geological Survey, Reston, Va.—1982—G82045
Prepared on behalf of the Mars Data Analysis Program
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14-575



11258 SW	11259 W	11260 NW	11261 N	11262 NE	11434 SW	11433 W	11431 NW	11429 N	11263 NE
Dacrydium (MC-2)	Arcadia (MC-3)	Mare Addarium (MC-4)	Imenius Lacus (MC-5)	Callus (MC-6)	Cabrera (MC-7)				
11263 SW	11264 W	11265 NW	11266 N	11267 NE	11434 SW	11433 W	11431 NW	11429 N	11263 NE
Aeneas (MC-8)	Tiberius (MC-9)	Lunae Palus (MC-10)	Oxae Palus (MC-11)	Arabis (MC-12)	Syrus Major (MC-13)	Amerigo (MC-14)	Pyrum (MC-15)		
11268 SW	11269 W	11270 NW	11271 N	11272 NE	11434 SW	11433 W	11431 NW	11429 N	11268 NE
Mareotis (MC-16)	Phaethon Lacus (MC-17)	Opianus (MC-18)	Margaritifer Sinus (MC-19)	Solis Sinus (MC-20)	Argyre (MC-21)	Mare Tritonium (MC-22)	Argos (MC-23)		
11273 SW	11274 W	11275 NW	11276 N	11277 NE	11434 SW	11433 W	11431 NW	11429 N	11273 NE
Thaemulon (MC-24)	Thaemulon (MC-25)	Argyre (MC-26)	Argyre (MC-27)	Argyre (MC-28)	Argyre (MC-29)	Argyre (MC-30)	Argyre (MC-31)		
11278 SW	11279 W	11280 NW	11281 N	11282 NE	11434 SW	11433 W	11431 NW	11429 N	11278 NE

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 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.

CONTROLLED PHOTOMOSAIC OF THE AMENTHES NORTHEAST QUADRANGLE OF MARS

M 2M 22/236 CM

MC-14 NE

1982

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