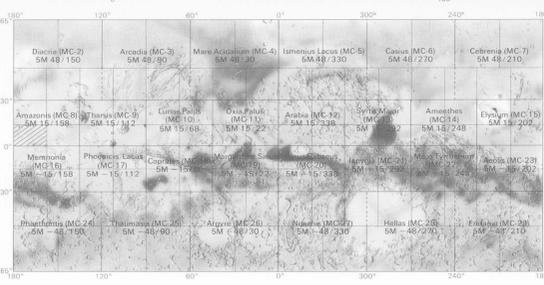
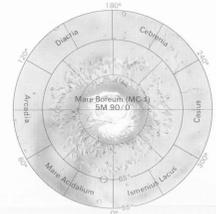


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 150 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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 (Dynes, 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.

SCALE 1:2 000 000 (1mm=2 km) AT 27.476°
MERCATOR PROJECTION

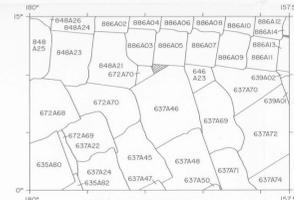


Interior—Geological Survey, Reston, Va.—1981—G81064
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14-575



LISTING OF PUBLISHED
1:2 000 000 PHOTOMOSAICS

I. No.	Quadrangle Name	I. No.	Quadrangle Name
11183	Coprates Southwest (MC-18 SW)	11307	Lunae Palus Southeast (MC-10 SE)
11184	Coprates Southeast (MC-18 SE)	11328	Diarcia Northwest (MC-2 NW)
11185	Memnonia Northeast (MC-16 NE)	11331	Amazonis Northeast (MC-8 NE)
11186	Memnonia Northwest (MC-16 NW)	11332	Amazonis Southwest (MC-8 SW)
11187	Memnonia Southeast (MC-16 SE)	11333	Amazonis Southeast (MC-8 SE)
11188	Memnonia Southwest (MC-16 SW)	11334	Amazonis Northwest (MC-8 NW)
11189	Phoenicis Lacus Southwest (MC-17 SW)	11335	Phaethontis Northeast (MC-24 NE)
11190	Phoenicis Lacus Southeast (MC-17 SE)	11336	Phaethontis North-Central (MC-24 N-C)
11191	Argyre Northwest (MC-26 NW)	11337	Eridania Southeast (MC-29 SE)
11192	Argyre North-Central (MC-26 N-C)	11338	Eridania Southwest (MC-29 SW)
11193	Argyre Northeast (MC-26 NE)	11339	Eridania Northeast (MC-29 NE)
12005	Phoenicis Lacus Northwest (MC-17 NW)	11340	Eridania North-Central (MC-29 N-C)
12006	Phoenicis Lacus Northeast (MC-17 NE)	11341	Eridania Northwest (MC-29 NW)
12007	Coprates Northwest (MC-18 NW)	11342	Oxia Palus Southeast (MC-11 SE)
12008	Coprates Northeast (MC-18 NE)	11343	Oxia Palus Southwest (MC-11 SW)
12009	Margaritifer Sinus Southwest (MC-19 SW)	11344	Oxia Palus Northeast (MC-11 NE)
12010	Margaritifer Sinus Southeast (MC-19 SE)	11345	Oxia Palus Northwest (MC-11 NW)
12011	Sinus Sabaeus Southwest (MC-20 SW)	11346	Mare Acidalium Northwest (MC-4 NW)
12012	Sinus Sabaeus Southeast (MC-20 SE)	11347	Mare Acidalium Northeast (MC-4 NE)
12013	Aeolis Northwest (MC-23 NW)	11348	Mare Acidalium Southwest (MC-4 SW)
12014	Aeolis Southwest (MC-23 SW)	11349	Mare Acidalium South-Central (MC-4 S-C)
12015	Aeolis Southeast (MC-23 SE)	11350	Mare Acidalium Southeast (MC-4 SE)
12016	Tharsis Northwest (MC-9 NW)	11351	Arcadia Southwest (MC-3 SW)
12017	Tharsis North (MC-9 N)	11352	Arcadia Southeast (MC-3 SE)
12018	Tharsis Northeast (MC-9 NE)	11353	Arcadia Northeast (MC-3 NE)
12019	Tharsis South (MC-9 S)	11354	Arcadia Southwest (MC-3 SW)
12020	Tharsis Southeast (MC-9 SE)	11355	Arcadia Northeast (MC-3 NE)
12021	Thaumasia Northwest (MC-25 NW)	11356	Diarcia South-Central (MC-2 S-C)
12022	Thaumasia North (MC-25 N)	11357	Diarcia Southeast (MC-2 SE)
12023	Thaumasia Northeast (MC-25 NE)	11358	Diarcia Southwest (MC-2 SW)
12024	Lunae Palus Northwest (MC-10 NW)	11359	Diarcia Northeast (MC-2 NE)
12025	Lunae Palus Northeast (MC-10 NE)		
12026	Lunae Palus Southwest (MC-10 SW)		
12027	Lunae Palus Northwest (MC-10 NW)		



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 lettering.

CONTROLLED PHOTOMOSAIC OF THE AMAZONIS SOUTHWEST QUADRANGLE OF MARS

M 2M 7/169 CM
MC-8 SW
1981

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, 2225 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.

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