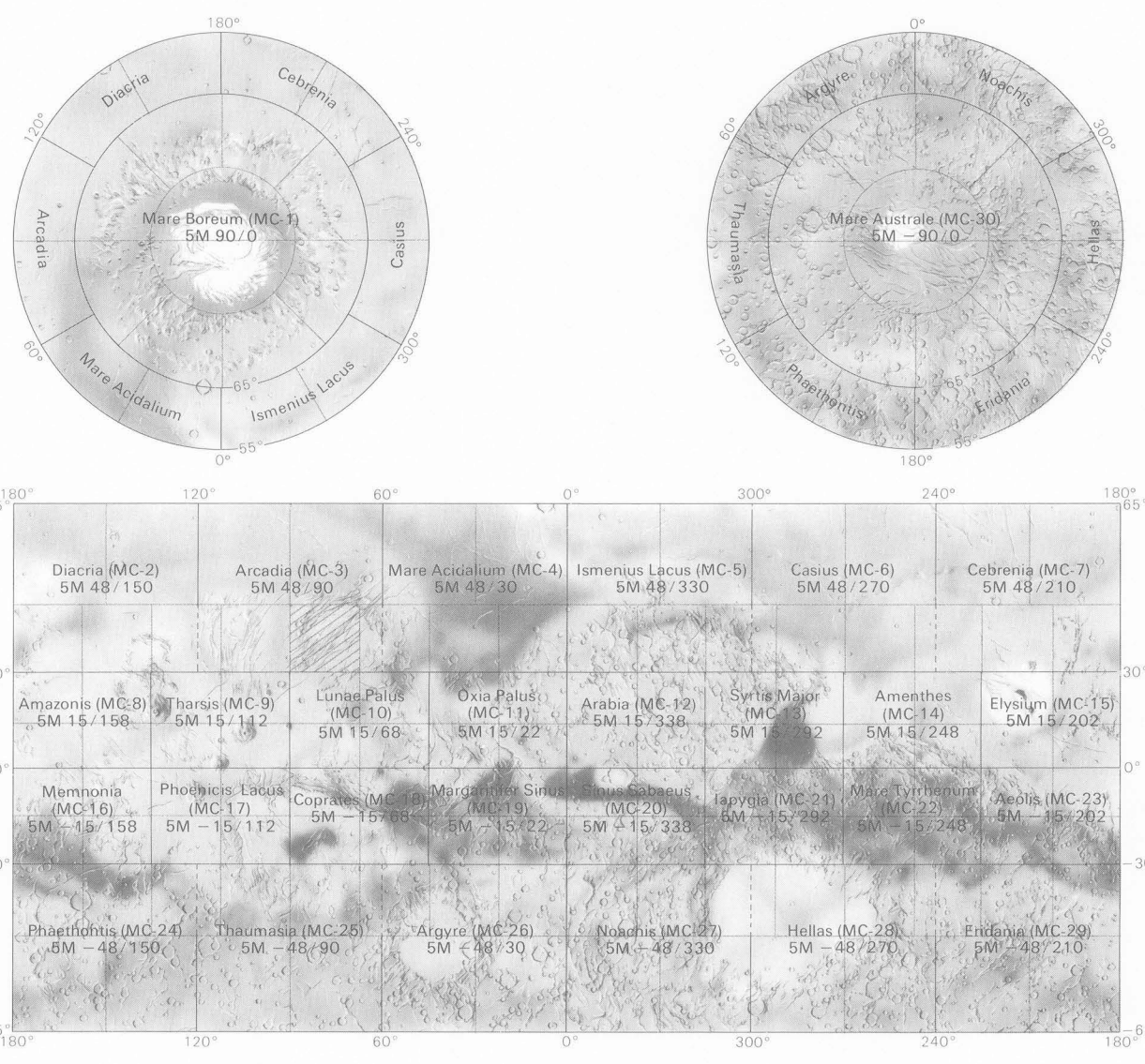


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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. RO2309-NASA). At least 66 percent of the image control points lie within 0.5 mm (1 km) of their published locations.

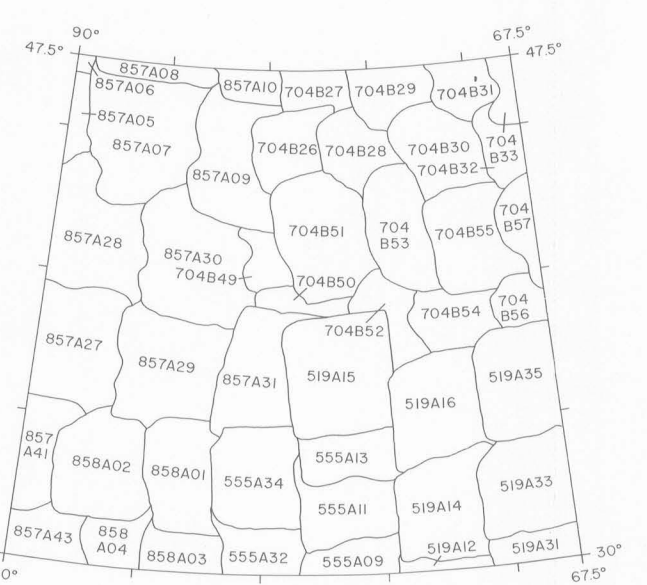
Interior—Geological Survey, Reston, Va.—1981—G81087
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14.575

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



LISTING OF PUBLISHED
1:2000000 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 Northwest (MC-16 NW)	11321	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	Phoenicia Lacus Southwest (MC-17 SW)	11335	Phaethontis Northeast (MC-24 NE)
11190	Phoenicia Lacus Southwest (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 Northwest (MC-26 NW)	11338	Eridania Southwest (MC-29 SW)
11193	Argyre Northeast (MC-26 NE)	11339	Eridania North Central (MC-29 N-C)
11205	Phoenicia Lacus Northwest (MC-17 NW)	11340	Eridania North Central (MC-29 N-C)
11206	Phoenicia Lacus Northwest (MC-17 NE)	11341	Eridania Northwest (MC-29 NW)
11207	Coprates Northeast (MC-18 NE)	11342	Oxia Palus Southeast (MC-11 SE)
11208	Coprates Northeast (MC-18 NE)	11343	Oxia Palus Southwest (MC-11 SW)
11209	Margaritifer Sinus Southwest (MC-19 SW)	11344	Oxia Palus Northeast (MC-11 NE)
11210	Margaritifer Sinus Southwest (MC-19 SE)	11345	Oxia Palus Northwest (MC-11 NW)
11211	Sinus Sabaeus Southwest (MC-20 SW)	11347	Mare Acidalium Northwest (MC-4 NW)
11212	Sinus Sabaeus Southwest (MC-20 SW)	11348	Mare Acidalium Northeast (MC-4 NE)
11213	Aeolis Northwest (MC-23 NW)	11349	Mare Acidalium Southwest (MC-4 SW)
11214	Aeolis Southwest (MC-23 SW)	11350	Mare Acidalium South-Central (MC-4 S-C)
11215	Aeolis Southwest (MC-23 SE)	11351	Mare Acidalium Southeast (MC-4 SE)
11216	Tharsis Northwest (MC-9 NW)	11352	Arcadia Southwest (MC-3 SW)
11217	Tharsis Northwest (MC-9 NW)	11353	Arcadia Northwest (MC-3 NW)
11218	Tharsis Northwest (MC-9 SW)	11354	Arcadia Northeast (MC-3 NE)
11219	Tharsis Northwest (MC-9 SE)	11355	Arcadia Northwest (MC-3 NW)
11220	Thaumasia Northwest (MC-25 NW)	11356	Diarcia South-Central (MC-2 S-C)
11221	Thaumasia Northwest (MC-25 NW)	11357	Diarcia Southeast (MC-2 SE)
11222	Lunae Palus Northwest (MC-10 NW)	11358	Diarcia Southwest (MC-2 SW)
11223	Lunae Palus Northwest (MC-10 NE)	11359	Diarcia Northeast (MC-2 NE)
11224	Lunae Palus Southwest (MC-10 SW)		



INDEX TO VIKING PICTURES
The mosaic was made with the Viking pictures outlined above. 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 ARCADIA SOUTHEAST QUADRANGLE OF MARS

M 2M 39/79 CM
MC-3 SE
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, 2255 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.

For sale by Branch of Distribution, U.S. Geological Survey,
1200 South East Street, Arlington, VA 22202, and Branch of Distribution,
U.S. Geological Survey, Box 25286, Federal Center, Denver, CO 80225