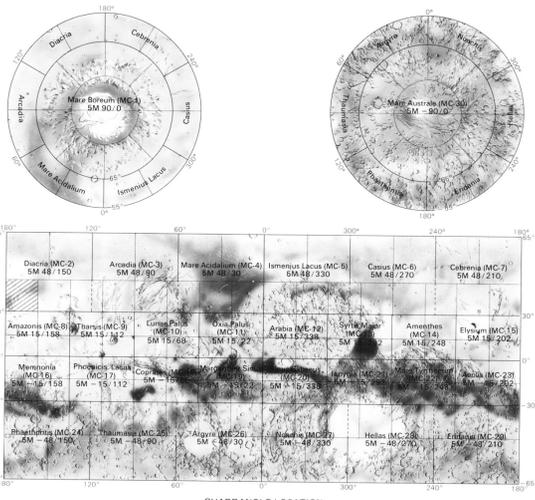
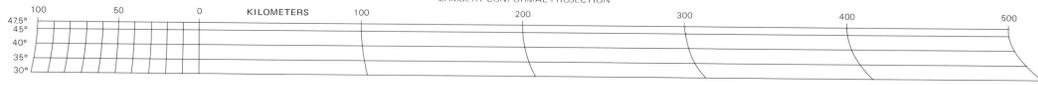


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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.

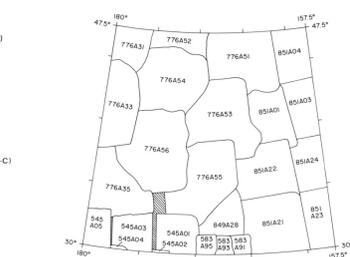
Interior—Geological Survey, Reston, Va.—1981—G81096
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14-575

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

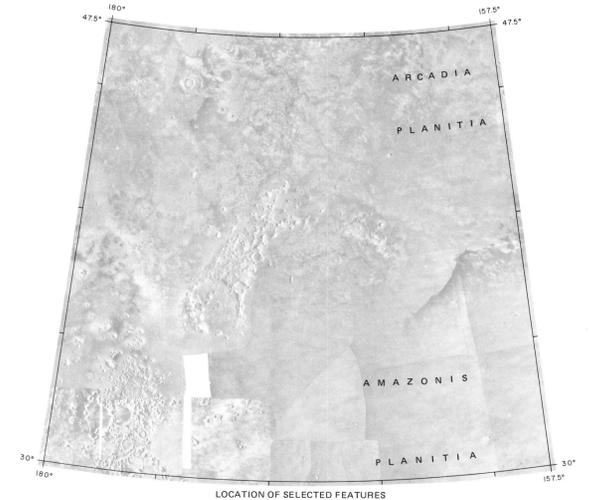


LISTING OF PUBLISHED
1:2000000 PHOTOMOSAICS

I No.	Quadrangle Name	I No.	Quadrangle Name
11183	Coprates Southwest (MC 18 SW)	11307	Lunae Palus Southeast (MC 10 SE)
11184	Coprates Southwest (MC 18 SE)	11328	Diacria Northwest (MC 2 NW)
11185	Memnonia Northeast (MC 16 NE)	11331	Amazonis Northeast (MC 8 NE)
11186	Memnonia Northeast (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 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 North Central (MC 26 N-C)	11338	Eridania Southwest (MC 29 SW)
11193	Argyre Northeast (MC 26 NE)	11339	Eridania North Central (MC 29 N-C)
11194	Phoenicis Lacus Northwest (MC 17 NW)	11340	Eridania Northeast (MC 29 NE)
11205	Phoenicis Lacus Northwest (MC 17 NE)	11341	Eridania North Central (MC 29 N-C)
11206	Phoenicis Lacus Northwest (MC 17 SE)	11342	Oxia Palus Southwest (MC 11 SW)
11207	Coprates Northwest (MC 18 NW)	11343	Oxia Palus Northwest (MC 11 NW)
11208	Coprates Northwest (MC 18 NE)	11344	Oxia Palus Northeast (MC 11 NE)
11209	Margaritifer Sinus Southwest (MC 19 SW)	11345	Oxia Palus Northwest (MC 11 NW)
11210	Margaritifer Sinus Southwest (MC 19 SE)	11347	Mare Acidalium Northwest (MC 4 NW)
11211	Sinus Sabaeus Southwest (MC 20 SW)	11348	Mare Acidalium Northeast (MC 4 NE)
11212	Sinus Sabaeus Southwest (MC 20 SE)	11349	Mare Acidalium Southwest (MC 4 SW)
11213	Aeolis Northwest (MC 23 NW)	11350	Mare Acidalium South Central (MC 4 S-C)
11214	Aeolis Southwest (MC 23 SW)	11351	Mare Acidalium Southeast (MC 4 SE)
11215	Aeolis Southeast (MC 23 SE)	11352	Arcadia Southeast (MC 3 SE)
11258	Tharsis Northwest (MC 9 NW)	11353	Arcadia Northeast (MC 3 NE)
11259	Tharsis Northwest (MC 9 NW)	11354	Arcadia Southwest (MC 3 SW)
11260	Tharsis Southwest (MC 9 SW)	11355	Arcadia Northwest (MC 3 NW)
11261	Tharsis Southwest (MC 9 SW)	11356	Diacria South Central (MC 2 S-C)
11262	Thaumasia Northeast (MC 25 NE)	11357	Diacria Southwest (MC 2 SW)
11263	Thaumasia Northwest (MC 25 NW)	11358	Diacria Southwest (MC 2 SW)
11303	Lunae Palus Northwest (MC 10 NW)	11359	Diacria Northeast (MC 2 NE)
11305	Lunae Palus Northwest (MC 10 NE)		
11306	Lunae Palus Southwest (MC 10 SW)		



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 DIACRIA SOUTHWEST QUADRANGLE OF MARS
M 2M 39/169 CM
MC-2 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 84, 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 21286, Federal Center, Denver, CO 80225