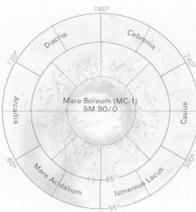


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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. RD2309-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—G81084
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Planetary Division, Office of Space Science, National Aero-
nautics and Space Administration under contract W-14,575



LISTING OF PUBLISHED
1:2,000,000 PHOTOMOSAICS

I.No.	Quadrangle Name	Quadrangle Name	
I-1183	Coprates Southwest (MC-18 SW)	I-1307	Lunae Palus Southeast (MC-10 SE)
I-1184	Coprates Southeast (MC-18 SE)	I-1328	Diacria Northwest (MC-2 NW)
I-1185	Memnonia Northeast (MC-16 NE)	I-1331	Amazonis Northeast (MC-8 NE)
I-1186	Memnonia Northwest (MC-16 NW)	I-1332	Amazonis Southwest (MC-8 SW)
I-1187	Memnonia Southeast (MC-16 SE)	I-1333	Amazonis South (MC-8 S)
I-1188	Memnonia Southwest (MC-16 SW)	I-1334	Amazonis Northwest (MC-8 NW)
I-1189	Phoenicis Lacus Southwest (MC-17 SW)	I-1335	Phaethon North (MC-24 NE)
I-1190	Phoenicis Lacus Southeast (MC-17 SE)	I-1336	Phaethon North-Central (MC-24 N-C)
I-1191	Argyre Northwest (MC-26 NW)	I-1337	Eridania Southeast (MC-29 SE)
I-1192	Argyre North-Central (MC-26 N-C)	I-1338	Eridania Southwest (MC-29 SW)
I-1193	Argyre Northeast (MC-26 NE)	I-1339	Eridania Northeast (MC-29 NE)
I-1205	Phoenicis Lacus Northwest (MC-17 NW)	I-1340	Eridania North-Central (MC-29 N-C)
I-1206	Phoenicis Lacus Northeast (MC-17 NE)	I-1341	Eridania Northwest (MC-29 NW)
I-1207	Coprates Northwest (MC-18 NW)	I-1342	Oxia Palus Southeast (MC-11 SE)
I-1208	Coprates Northeast (MC-18 NE)	I-1343	Oxia Palus Southwest (MC-11 SW)
I-1209	Margaritifer Sinus Southwest (MC-19 SW)	I-1344	Oxia Palus Northeast (MC-11 NE)
I-1210	Margaritifer Sinus Southeast (MC-19 SE)	I-1345	Oxia Palus Northwest (MC-11 NW)
I-1211	Sinus Sabaeus Southwest (MC-20 SW)	I-1347	Mare Acidalium Northwest (MC-4 NW)
I-1212	Sinus Sabaeus Southeast (MC-20 SE)	I-1348	Mare Acidalium Northeast (MC-4 NE)
I-1213	Aeolis Northwest (MC-23 NW)	I-1349	Mare Acidalium Southwest (MC-4 SW)
I-1214	Aeolis Southwest (MC-23 SW)	I-1350	Mare Acidalium South-Central (MC-4 S-C)
I-1215	Aeolis Southeast (MC-23 SE)	I-1351	Mare Acidalium Southeast (MC-4 SE)
I-1258	Tharsis Northwest (MC-9 NE)	I-1352	Arcadia Southeast (MC-3 SE)
I-1259	Tharsis Northwest (MC-9 NW)	I-1353	Arcadia Northeast (MC-3 NE)
I-1260	Tharsis Southeast (MC-9 SE)	I-1354	Arcadia Southwest (MC-3 SW)
I-1261	Tharsis Southwest (MC-9 SW)	I-1355	Arcadia Northwest (MC-3 NW)
I-1262	Thaumasia Northeast (MC-25 NE)	I-1356	Diacria South-Central (MC-2 S-C)
I-1263	Thaumasia Northwest (MC-25 NW)	I-1357	Diacria Southeast (MC-2 SE)
I-1303	Lunae Palus Northwest (MC-10 NW)	I-1358	Diacria Southwest (MC-2 SW)
I-1305	Lunae Palus Southeast (MC-10 SE)	I-1359	Diacria Northeast (MC-2 NE)
I-1306	Lunae Palus Northwest (MC-10 NW)		



QUADRANGLE LOCATION

Quadrangle Name	SM	Quadrangle Name	SM
Diacria (MC-2)	SM 48/150	Coprates Northwest (MC-18 NW)	SM 48/270
Arcadia (MC-3)	SM 48/90	Coprates Northeast (MC-18 NE)	SM 48/210
Mare Acidalium (MC-4)	SM 48/30	Margaritifer Sinus Southwest (MC-19 SW)	SM 48/330
Imnerius Lacus (MC-5)	SM 48/330	Margaritifer Sinus Southeast (MC-19 SE)	SM 48/270
Cantus (MC-6)	SM 48/270	Sinus Sabaeus Southwest (MC-20 SW)	SM 15/240
Coblenza (MC-7)	SM 48/210	Sinus Sabaeus Southeast (MC-20 SE)	SM 15/240
Amazonis (MC-8)	SM 15/188	Aeolis Northwest (MC-23 NW)	SM 15/240
Tharsis (MC-9)	SM 15/132	Aeolis Southwest (MC-23 SW)	SM 15/240
Lunae Palus (MC-10)	SM 15/168	Aeolis Southeast (MC-23 SE)	SM 15/240
Oxia Palus (MC-11)	SM 15/22	Tharsis Northwest (MC-9 NE)	SM 15/240
Arabis (MC-12)	SM 15/338	Tharsis Northwest (MC-9 NW)	SM 15/240
Syrinx Major (MC-13)	SM 15/292	Tharsis Southeast (MC-9 SE)	SM 15/240
Amethes (MC-14)	SM 15/240	Tharsis Southwest (MC-9 SW)	SM 15/240
Elysium (MC-15)	SM 15/202	Thaumasia Northeast (MC-25 NE)	SM 15/240
Memnonia (MC-16)	SM 15/168	Thaumasia Northwest (MC-25 NW)	SM 15/240
Phoenicis Lacus (MC-17)	SM 15/112	Lunae Palus Northwest (MC-10 NW)	SM 15/240
Coprates (MC-18)	SM 15/66	Lunae Palus Southeast (MC-10 SE)	SM 15/240
Margaritifer Sinus (MC-19)	SM 15/22		
Sinus Sabaeus (MC-20)	SM 15/338		
Imnerius Lacus (MC-21)	SM 15/292		
Phaethon (MC-24)	SM 48/150		
Thaumasia (MC-25)	SM 48/90		
Argyre (MC-26)	SM 48/30		
Phaethon (MC-24)	SM 48/150		
Thaumasia (MC-25)	SM 48/90		
Argyre (MC-26)	SM 48/30		
Phaethon (MC-24)	SM 48/150		
Thaumasia (MC-25)	SM 48/90		
Argyre (MC-26)	SM 48/30		

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.

CONTROLLED PHOTOMOSAIC OF THE MARE ACIDALIUM SOUTHWEST QUADRANGLE OF MARS

M 2M 39/56 CM

MC-4 SW

1981

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