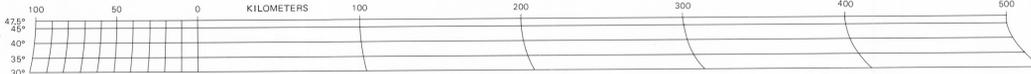
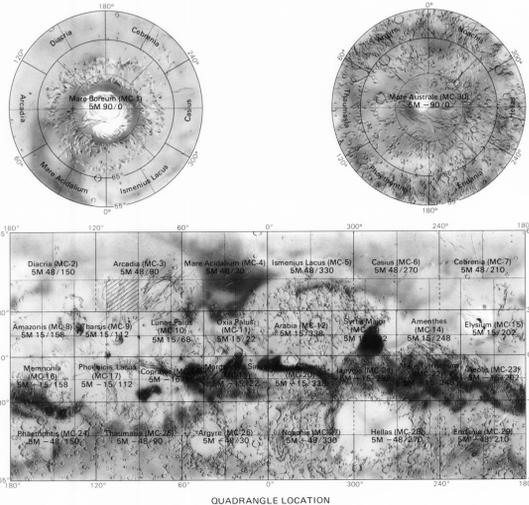


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally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

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



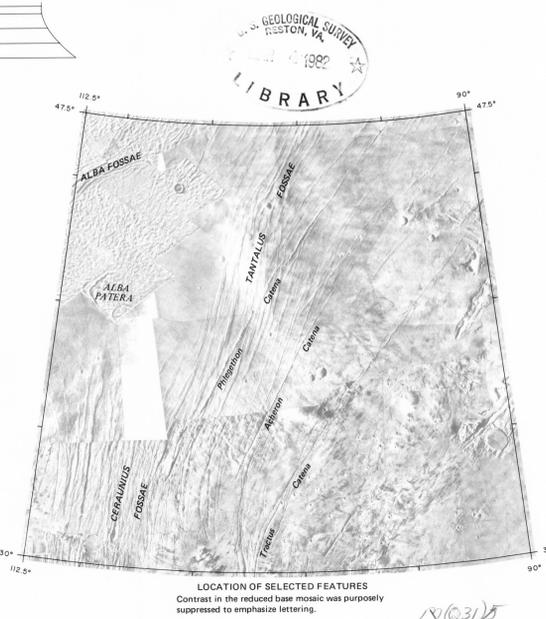
Interior—Geological Survey, Reston, Va.—1981—G81089  
Prepared on behalf of the Mars Data Analysis Program,  
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14375



LISTING OF PUBLISHED 1:2000000 PHOTOMOSAICS			
I. No.	Quadrangle Name	I. No.	Quadrangle Name
1183	Coprates Southwest (MC-18 SW)	1307	Lunae Palus Southeast (MC-10 SE)
1184	Coprates Northeast (MC-18 NE)	1328	Diacria Northwest (MC-2 NW)
1185	Memnonia Northeast (MC-16 NE)	1331	Amazonis Northeast (MC-8 NE)
1186	Memnonia Northwest (MC-16 NW)	1332	Amazonis Southwest (MC-8 SW)
1187	Memnonia Southeast (MC-16 SE)	1333	Amazonis Southeast (MC-8 SE)
1188	Memnonia Southwest (MC-16 SW)	1334	Amazonis Northwest (MC-8 NW)
1189	Phoenicis Lacus Southwest (MC-17 SE)	1335	Phaethontis Northeast (MC-24 NE)
1190	Phoenicis Lacus Northwest (MC-17 NW)	1336	Phaethontis North Central (MC-24 N-C)
1191	Argyre Northwest (MC-26 NW)	1337	Eridania Southwest (MC-29 SW)
1192	Argyre North Central (MC-26 N-C)	1338	Eridania Northeast (MC-29 NE)
1193	Argyre Northeast (MC-26 NE)	1339	Eridania North Central (MC-29 N-C)
1205	Phoenicis Lacus Northwest (MC-17 NW)	1340	Eridania Northwest (MC-29 NW)
1206	Phoenicis Lacus Northeast (MC-17 NE)	1341	Oxia Palus Southwest (MC-11 SW)
1207	Coprates Northwest (MC-18 NW)	1342	Oxia Palus Northeast (MC-11 NE)
1208	Coprates Northeast (MC-18 NE)	1343	Oxia Palus Northwest (MC-11 NW)
1209	Margaritifer Sinus Southwest (MC-19 SW)	1344	Mare Acidalium Northwest (MC-4 NW)
1210	Margaritifer Sinus Southeast (MC-19 SE)	1345	Mare Acidalium Northeast (MC-4 NE)
1211	Sinus Sabaeus Southwest (MC-20 SW)	1346	Mare Acidalium Southwest (MC-4 SW)
1212	Sinus Sabaeus Southeast (MC-20 SE)	1347	Mare Acidalium South Central (MC-4 S-C)
1213	Aeolis Northwest (MC-23 NW)	1348	Mare Acidalium Southeast (MC-4 SE)
1214	Aeolis Southwest (MC-23 SW)	1349	Arcadia Southwest (MC-3 SW)
1215	Aeolis Southeast (MC-23 SE)	1350	Arcadia Northwest (MC-3 NW)
1258	Tharsis Northeast (MC-9 NE)	1351	Arcadia Southeast (MC-3 SE)
1259	Tharsis Northwest (MC-9 NW)	1352	Arcadia Northeast (MC-3 NE)
1260	Tharsis Southwest (MC-9 SW)	1353	Arcadia South Central (MC-3 S-C)
1261	Thaumasia Northwest (MC-25 NW)	1354	Diacria Northwest (MC-2 NW)
1262	Thaumasia Northeast (MC-25 NE)	1355	Diacria South Central (MC-2 S-C)
1263	Thaumasia Southwest (MC-25 SW)	1356	Diacria Southeast (MC-2 SE)
1303	Lunae Palus Northwest (MC-10 NW)	1357	Diacria Southwest (MC-2 SW)
1305	Lunae Palus Northeast (MC-10 NE)	1358	Diacria Northwest (MC-2 NW)
1306	Lunae Palus Southwest (MC-10 SW)	1359	Diacria Northeast (MC-2 NE)



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 801, Goddard Space Flight Center, Greenbelt, MD 20771.



CONTROLLED PHOTOMOSAIC OF THE ARCADIA SOUTHWEST QUADRANGLE OF MARS

M 2M 39/101 CM  
MC-3 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, 2255 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.

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