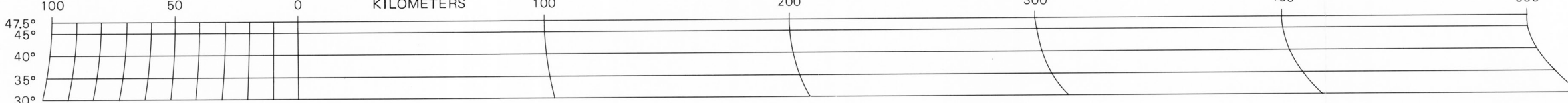
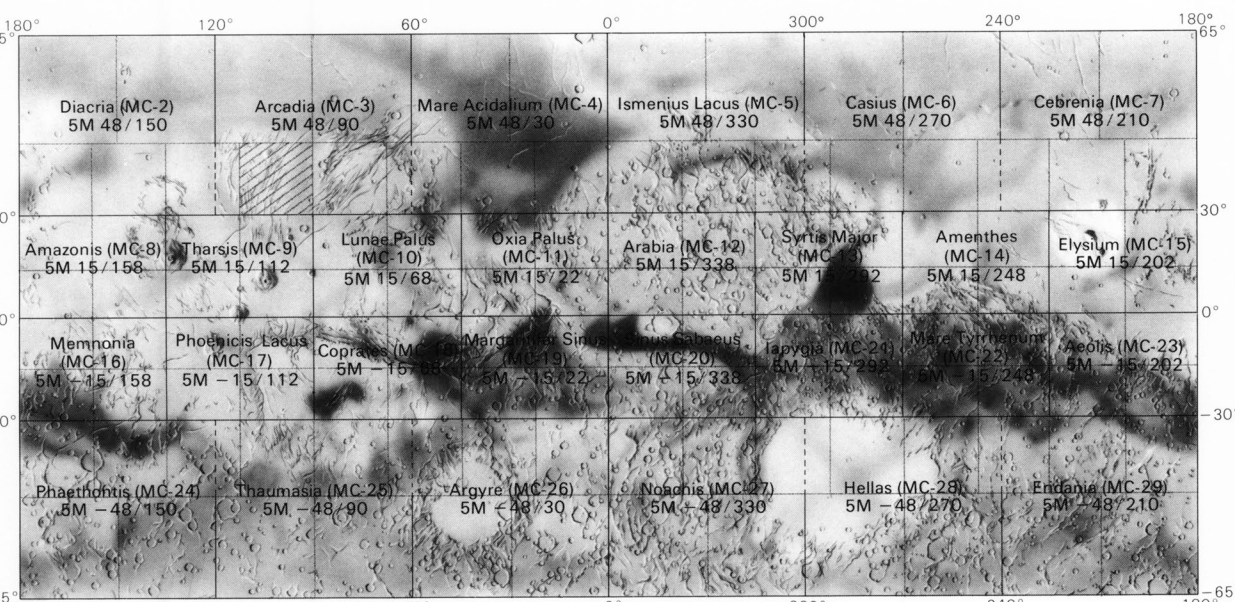
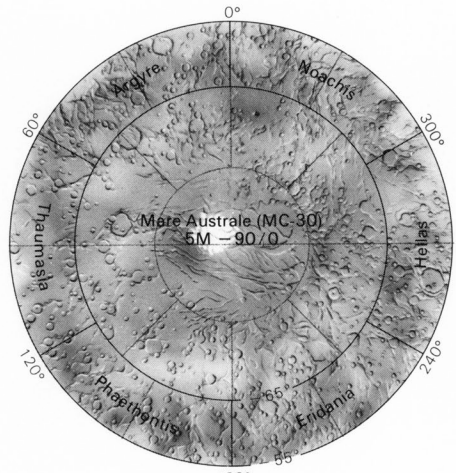
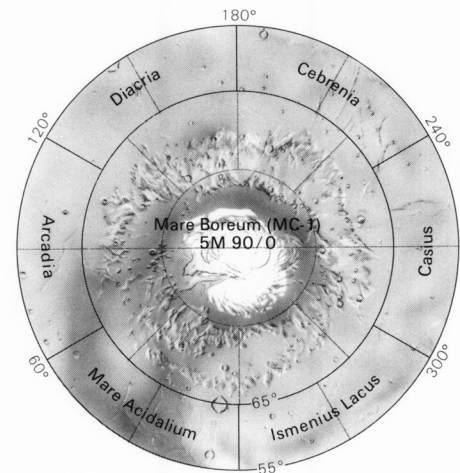


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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-NA-SA). 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-14575



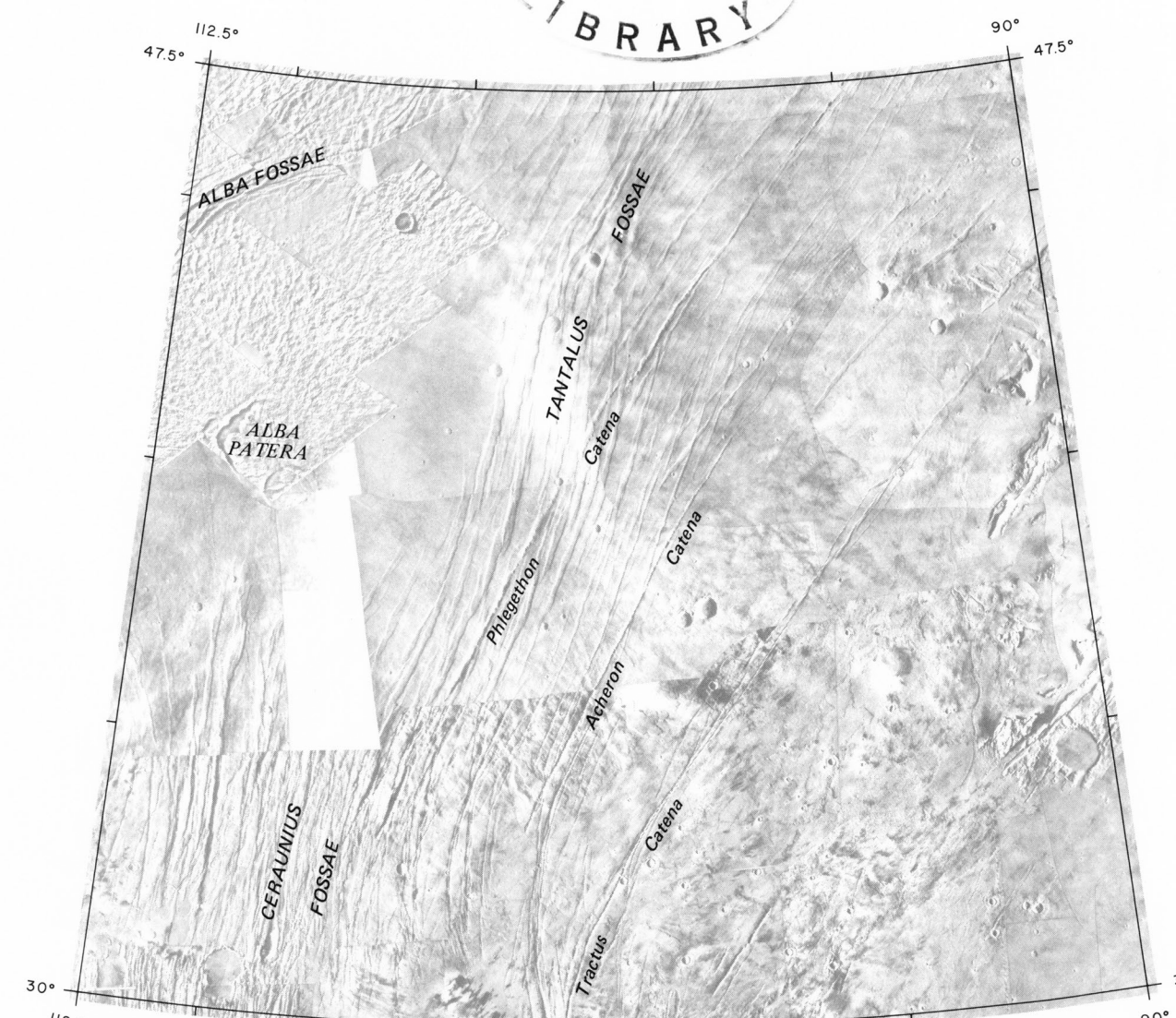
QUADRANGLE LOCATION

LISTING OF PUBLISHED  
1:2000000 PHOTOMOSAICS

I No.	Quadrangle Name	I No.	Quadrangle Name
11183	Coprates Southwest (MC-18 SW)	1307	Lunae Palus Southeast (MC-10 SE)
11184	Coprates Southeast (MC-18 SE)	1328	Dieria Northwest (MC-2 NW)
11185	Mennonia Northeast (MC-16 NE)	1331	Amazonia Northeast (MC-8 NE)
11186	Mennonia Northwest (MC-16 NW)	1332	Amazonia Southwest (MC-8 SW)
11187	Mennonia Southeast (MC-16 SE)	1333	Amazonia Southeast (MC-8 SE)
11188	Mennonia Southwest (MC-16 SW)	1334	Amazonia Northwest (MC-8 NW)
11189	Phoenicis Lacus Southwest (MC-17 SE)	1335	Phaethontia Northeast (MC-24 NE)
11190	Phoenicis Lacus Northwest (MC-17 NW)	1336	Phaethontia North-Central (MC-24 N-C)
11191	Argyre Northwest (MC-26 NW)	1337	Eridania Southwest (MC-29 SW)
11192	Argyre North-Central (MC-26 N-C)	1338	Eridania Northeast (MC-29 NE)
11193	Phoenicis Lacus Northwest (MC-17 NW)	1339	Eridania North-Central (MC-29 N-C)
1205	Phoenicis Lacus Northwest (MC-17 NW)	1340	Eridania Northwest (MC-29 NW)
1206	Phoenicis Lacus Northwest (MC-17 NW)	1341	Oxia Palus Southwest (MC-11 SW)
1207	Coprates Northwest (MC-18 NW)	1342	Oxia Palus Northwest (MC-11 NW)
1208	Coprates Northeast (MC-18 NE)	1343	Oxia Palus Northeast (MC-11 NE)
1209	Margaritifer Sinus Southwest (MC-19 SW)	1344	Oxia Palus Northwest (MC-11 NW)
1210	Margaritifer Sinus Southwest (MC-19 SW)	1345	Mare Acidalium Northwest (MC-4 NW)
1211	Sinus Sabaeus Southwest (MC-20 SW)	1346	Mare Acidalium Northeast (MC-4 NE)
1212	Sinus Sabaeus Southwest (MC-20 SW)	1347	Mare Acidalium Southwest (MC-4 SW)
1213	Aeolis Northwest (MC-23 NW)	1348	Mare Acidalium South-Central (MC-4 S-C)
1214	Aeolis Southwest (MC-23 SW)	1349	Mare Acidalium Southeast (MC-4 SE)
1215	Aeolis Southeast (MC-23 SE)	1350	Mare Acidalium Southeast (MC-4 SE)
1258	Tharsis Northeast (MC-9 NE)	1351	Aradia Southwest (MC-3 SW)
1259	Tharsis Northwest (MC-9 NW)	1352	Aradia Northeast (MC-3 NE)
1260	Tharsis Southwest (MC-9 SW)	1353	Aradia Northwest (MC-3 NW)
1261	Tharsis Southeast (MC-9 SE)	1354	Aradia South-Central (MC-2 S-C)
1262	Thaumasia Northeast (MC-25 NE)	1355	Diarcia Southwest (MC-2 SW)
1263	Thaumasia Northwest (MC-25 NW)	1356	Diarcia Northwest (MC-2 NW)
1303	Lunae Palus Northwest (MC-10 NW)	1357	Diarcia Southwest (MC-2 SW)
1305	Lunae Palus Northwest (MC-10 NW)	1358	Diarcia Southwest (MC-2 SW)
1306	Lunae Palus Southwest (MC-10 SW)	1359	Diarcia 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 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 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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