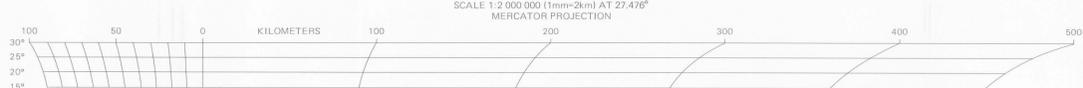
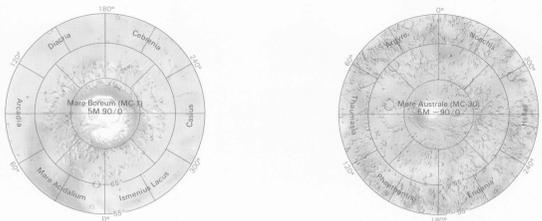




This photomosaic is part of a new series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 200 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement was 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.

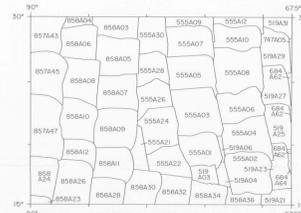


Interior—Geological Survey, Reston, Va.—1980—G80472
Prepared on behalf of the Planetary Geology Program,
Planetary Division, Office of Space Science, National
Aeronautics and Space Administration under contract
W-13709



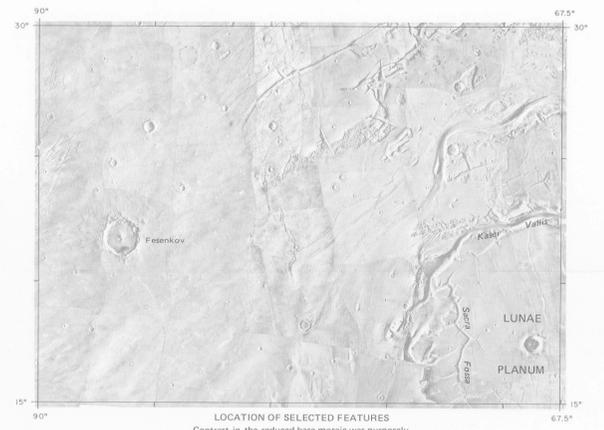
QUADRANGLE LOCATION					
180°	120°	60°	0°	300°	240°
Discordia (MC-2) SM 48/150	Arcadia (MC-3) SM 48/180	Mare Acadicum (MC-4) SM 48/190	Immenus Lacus (MC-5) SM 48/230	Cassius (MC-6) SM 48/270	Cebirania (MC-7) SM 48/210
Amazonis (MC-8) SM 15/156	Phoenicis Lacus (MC-9) SM 15/182	Lunae Palus (MC-10) SM 15/168	Oxia Palus (MC-11) SM 15/222	Arabia (MC-12) SM 15/238	Syrtes Madae (MC-13) SM 15/192
Memnonia (MC-14) SM 15/158	Phoenicis Lacus (MC-17) SM 15/112	Coprates (MC-18) SM 15/202	Thaumasia (MC-19) SM 15/222	Argyre (MC-20) SM 15/238	Tharsis (MC-21) SM 15/248
Phaethon (MC-24) SM 48/150	Thaumasia (MC-25) SM 48/190	Argyre (MC-26) SM 48/230	Neaetha (MC-27) SM 48/270	Hellas (MC-28) SM 48/210	Alauda (MC-29) SM 48/150

I No.	Quadrangle Name
I 1183	Coprates Southwest (MC-18 SW)
I 1184	Coprates Southeast (MC-18 SE)
I 1185	Memnonia Northeast (MC-16 NE)
I 1186	Memnonia Northwest (MC-16 NW)
I 1187	Memnonia Southeast (MC-16 SE)
I 1188	Memnonia Southwest (MC-16 SW)
I 1189	Phoenicis Lacus Southwest (MC-17 SW)
I 1190	Phoenicis Lacus Southeast (MC-17 SE)
I 1191	Argyre Northwest (MC-26 NW)
I 1192	Argyre North Central (MC-26 N C)
I 1193	Argyre Northeast (MC-26 NE)
I 1205	Phoenicis Lacus Northwest (MC-17 NW)
I 1206	Phoenicis Lacus Northeast (MC-17 NE)
I 1207	Coprates Northwest (MC-18 NW)
I 1208	Coprates Northeast (MC-18 NE)
I 1209	Margaritifer Sinus Southwest (MC-19 SW)
I 1210	Margaritifer Sinus Southeast (MC-19 SE)
I 1211	Sinus Sabaeus Southwest (MC-20 SW)
I 1212	Sinus Sabaeus Southeast (MC-20 SE)
I 1213	Aeolis Northwest (MC-23 NW)
I 1214	Aeolis Southwest (MC-23 SW)
I 1215	Aeolis Southeast (MC-23 SE)
I 1258	Tharsis Northeast (MC-9 NE)
I 1259	Tharsis Northwest (MC-9 NW)
I 1260	Tharsis Southeast (MC-9 SE)
I 1261	Tharsis Southwest (MC-9 SW)
I 1262	Thaumasia Northeast (MC-25 NE)
I 1263	Thaumasia Northwest (MC-25 NW)
I 1303	Lunae Palus Northwest (MC-10 NW)
I 1305	Lunae Palus Northeast (MC-10 NE)
I 1306	Lunae Palus Southwest (MC-10 SW)
I 1307	Lunae Palus Southeast (MC-10 SE)



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 601.4, 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 LUNAE PALUS NORTHWEST QUADRANGLE OF MARS

M 2M 22/79 CM
MC-10 NW
1980

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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