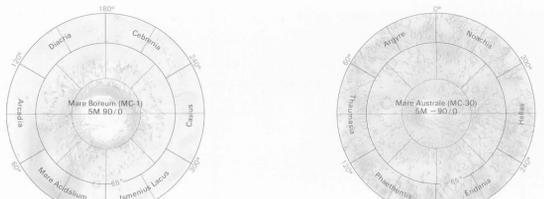
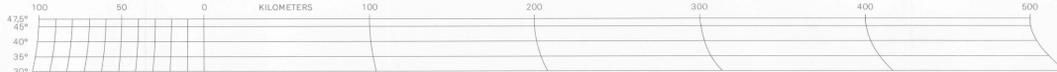


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally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

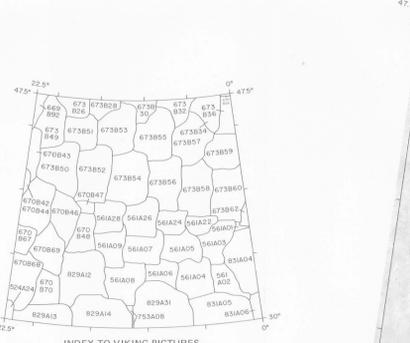
Interior—Geological Survey, Reston, Va.—1981—G81086
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aero-
nautics and Space Administration under contract W-14.575

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

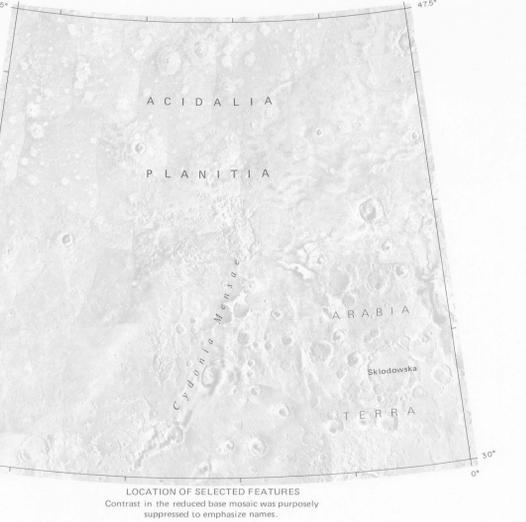


Quadrangle Name	Quadrangle Name
Diocia (MC-2) 5M 48/150	Acadia (MC-3) 5M 48/90
Amazonia (MC-6) 5M 16/168	Tharsis (MC-9) 5M 15/112
Memnonia (MC-16) 5M 15/148	Phaethon (MC-17) 5M 15/112
Phaethon (MC-24) 5M 48/150	Thaumasia (MC-25) 5M 48/90
	Argyre (MC-26) 5M 48/30
	Nochis (MC-27) 5M 48/330
	Hellas (MC-28) 5M 48/270
	Eridania (MC-29) 5M 48/210

I. No.	Quadrangle Name	I. No.	Quadrangle Name
11183	Coprates Southwest (MC-18 SW)	11307	Lunae Palus Southeast (MC-10 SE)
11184	Coprates Southeast (MC-18 SE)	11308	Diocia Northwest (MC-2 NW)
11185	Memnonia Northeast (MC-16 NE)	11311	Amazonia Northeast (MC-8 NE)
11186	Memnonia Northwest (MC-16 NW)	11312	Amazonia Southwest (MC-8 SW)
11187	Memnonia Southeast (MC-16 SE)	11313	Amazonia Northwest (MC-8 NW)
11188	Memnonia Southwest (MC-16 SW)	11314	Phaethon North Central (MC-24 N-C)
11189	Phoenicia Lacus Southeast (MC-17 SE)	11315	Phaethon North (MC-24 N)
11191	Argyre Northwest (MC-26 NW)	11316	Phaethon North Central (MC-24 N-C)
11192	Argyre North Central (MC-26 N-C)	11317	Phaethon North (MC-24 N)
11193	Argyre Northeast (MC-26 NE)	11318	Eridania Northwest (MC-29 NW)
11194	Argyre South Central (MC-26 S-C)	11319	Eridania Northwest (MC-29 NW)
11195	Phoenicia Lacus Northwest (MC-17 NW)	11320	Eridania North Central (MC-29 N-C)
11200	Phoenicia Lacus Northeast (MC-17 NE)	11321	Eridania Northwest (MC-29 NW)
11207	Coprates Northwest (MC-18 NW)	11322	Oxia Palus Southwest (MC-11 SW)
11208	Coprates Northeast (MC-18 NE)	11323	Oxia Palus Northwest (MC-11 NW)
11209	Margaritifer Sinus Southwest (MC-19 SW)	11324	Oxia Palus Northwest (MC-11 NW)
11210	Margaritifer Sinus Southeast (MC-19 SE)	11325	Mare Acidalium Northwest (MC-4 NW)
11211	Sinus Sabaeus Southwest (MC-20 SW)	11326	Mare Acidalium Northwest (MC-4 NW)
11212	Sinus Sabaeus Southeast (MC-20 SE)	11327	Mare Acidalium Northwest (MC-4 NW)
11213	Aeolis Northwest (MC-23 NW)	11328	Mare Acidalium Northwest (MC-4 NW)
11214	Aeolis Northwest (MC-23 NW)	11329	Mare Acidalium Northwest (MC-4 NW)
11215	Aeolis Northwest (MC-23 NW)	11330	Mare Acidalium Northwest (MC-4 NW)
11216	Tharsis Northeast (MC-9 NE)	11331	Arcadia Southeast (MC-3 SE)
11217	Tharsis Northeast (MC-9 NE)	11332	Arcadia Southeast (MC-3 SE)
11218	Tharsis Northeast (MC-9 NE)	11333	Arcadia Southeast (MC-3 SE)
11219	Tharsis Northeast (MC-9 NE)	11334	Arcadia Southeast (MC-3 SE)
11220	Tharsis Northeast (MC-9 NE)	11335	Arcadia Southeast (MC-3 SE)
11221	Tharsis Northeast (MC-9 NE)	11336	Arcadia Southeast (MC-3 SE)
11222	Tharsis Northeast (MC-9 NE)	11337	Arcadia Southeast (MC-3 SE)
11223	Tharsis Northeast (MC-9 NE)	11338	Arcadia Southeast (MC-3 SE)
11224	Tharsis Northeast (MC-9 NE)	11339	Arcadia Southeast (MC-3 SE)
11225	Tharsis Northeast (MC-9 NE)	11340	Arcadia Southeast (MC-3 SE)
11226	Tharsis Northeast (MC-9 NE)	11341	Arcadia Southeast (MC-3 SE)
11227	Tharsis Northeast (MC-9 NE)	11342	Arcadia Southeast (MC-3 SE)
11228	Tharsis Northeast (MC-9 NE)	11343	Arcadia Southeast (MC-3 SE)
11229	Tharsis Northeast (MC-9 NE)	11344	Arcadia Southeast (MC-3 SE)
11230	Tharsis Northeast (MC-9 NE)	11345	Arcadia Southeast (MC-3 SE)
11231	Tharsis Northeast (MC-9 NE)	11346	Arcadia Southeast (MC-3 SE)
11232	Tharsis Northeast (MC-9 NE)	11347	Arcadia Southeast (MC-3 SE)
11233	Tharsis Northeast (MC-9 NE)	11348	Arcadia Southeast (MC-3 SE)
11234	Tharsis Northeast (MC-9 NE)	11349	Arcadia Southeast (MC-3 SE)
11235	Tharsis Northeast (MC-9 NE)	11350	Arcadia Southeast (MC-3 SE)
11236	Tharsis Northeast (MC-9 NE)	11351	Arcadia Southeast (MC-3 SE)
11237	Tharsis Northeast (MC-9 NE)	11352	Arcadia Southeast (MC-3 SE)
11238	Tharsis Northeast (MC-9 NE)	11353	Arcadia Southeast (MC-3 SE)
11239	Tharsis Northeast (MC-9 NE)	11354	Arcadia Southeast (MC-3 SE)
11240	Tharsis Northeast (MC-9 NE)	11355	Arcadia Southeast (MC-3 SE)
11241	Tharsis Northeast (MC-9 NE)	11356	Arcadia Southeast (MC-3 SE)
11242	Tharsis Northeast (MC-9 NE)	11357	Arcadia Southeast (MC-3 SE)
11243	Tharsis Northeast (MC-9 NE)	11358	Arcadia Southeast (MC-3 SE)
11244	Tharsis Northeast (MC-9 NE)	11359	Arcadia Southeast (MC-3 SE)
11245	Tharsis Northeast (MC-9 NE)	11360	Arcadia Southeast (MC-3 SE)
11246	Tharsis Northeast (MC-9 NE)	11361	Arcadia Southeast (MC-3 SE)
11247	Tharsis Northeast (MC-9 NE)	11362	Arcadia Southeast (MC-3 SE)
11248	Tharsis Northeast (MC-9 NE)	11363	Arcadia Southeast (MC-3 SE)
11249	Tharsis Northeast (MC-9 NE)	11364	Arcadia Southeast (MC-3 SE)
11250	Tharsis Northeast (MC-9 NE)	11365	Arcadia Southeast (MC-3 SE)
11251	Tharsis Northeast (MC-9 NE)	11366	Arcadia Southeast (MC-3 SE)
11252	Tharsis Northeast (MC-9 NE)	11367	Arcadia Southeast (MC-3 SE)
11253	Tharsis Northeast (MC-9 NE)	11368	Arcadia Southeast (MC-3 SE)
11254	Tharsis Northeast (MC-9 NE)	11369	Arcadia Southeast (MC-3 SE)
11255	Tharsis Northeast (MC-9 NE)	11370	Arcadia Southeast (MC-3 SE)
11256	Tharsis Northeast (MC-9 NE)	11371	Arcadia Southeast (MC-3 SE)
11257	Tharsis Northeast (MC-9 NE)	11372	Arcadia Southeast (MC-3 SE)
11258	Tharsis Northeast (MC-9 NE)	11373	Arcadia Southeast (MC-3 SE)
11259	Tharsis Northeast (MC-9 NE)	11374	Arcadia Southeast (MC-3 SE)
11260	Tharsis Northeast (MC-9 NE)	11375	Arcadia Southeast (MC-3 SE)
11261	Tharsis Northeast (MC-9 NE)	11376	Arcadia Southeast (MC-3 SE)
11262	Tharsis Northeast (MC-9 NE)	11377	Arcadia Southeast (MC-3 SE)
11263	Tharsis Northeast (MC-9 NE)	11378	Arcadia Southeast (MC-3 SE)
11264	Tharsis Northeast (MC-9 NE)	11379	Arcadia Southeast (MC-3 SE)
11265	Tharsis Northeast (MC-9 NE)	11380	Arcadia Southeast (MC-3 SE)
11266	Tharsis Northeast (MC-9 NE)	11381	Arcadia Southeast (MC-3 SE)
11267	Tharsis Northeast (MC-9 NE)	11382	Arcadia Southeast (MC-3 SE)
11268	Tharsis Northeast (MC-9 NE)	11383	Arcadia Southeast (MC-3 SE)
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11277	Tharsis Northeast (MC-9 NE)	11392	Arcadia Southeast (MC-3 SE)
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11283	Tharsis Northeast (MC-9 NE)	11398	Arcadia Southeast (MC-3 SE)
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11285	Tharsis Northeast (MC-9 NE)	11400	Arcadia Southeast (MC-3 SE)
11286	Tharsis Northeast (MC-9 NE)	11401	Arcadia Southeast (MC-3 SE)
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11293	Tharsis Northeast (MC-9 NE)	11408	Arcadia Southeast (MC-3 SE)
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11295	Tharsis Northeast (MC-9 NE)	11410	Arcadia Southeast (MC-3 SE)
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11299	Tharsis Northeast (MC-9 NE)	11414	Arcadia Southeast (MC-3 SE)
11300	Tharsis Northeast (MC-9 NE)	11415	Arcadia Southeast (MC-3 SE)
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11304	Tharsis Northeast (MC-9 NE)	11419	Arcadia Southeast (MC-3 SE)
11305	Tharsis Northeast (MC-9 NE)	11420	Arcadia Southeast (MC-3 SE)
11306	Tharsis Northeast (MC-9 NE)	11421	Arcadia Southeast (MC-3 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
Goddard Space Flight Center, Greenbelt, MD 20771.



LOCATION OF SELECTED FEATURES
Contrast in the reduced base mosaic was purposely
suppressed to emphasize names.

CONTROLLED PHOTOMOSAIC OF THE MARE ACIDALIUM SOUTHEAST QUADRANGLE OF MARS

M 2M 39/11 CM

MC-4 SE

1981

NOTE TO USERS
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