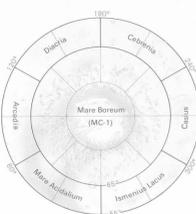
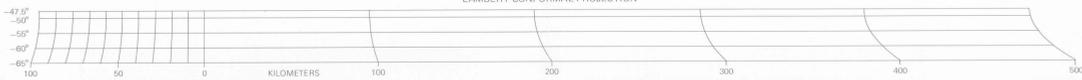


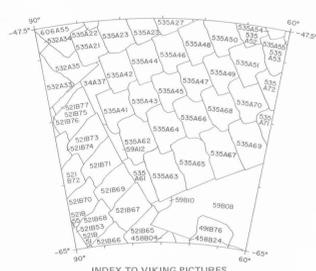
This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement was based on the 1978 control net (Davies, M. E., and others, 1978, Control net of Mars, February 1978: The Rand Corp. R-2309-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.—1984—G84140
Prepared on behalf of the Mars Data Analysis Program, Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14,275.

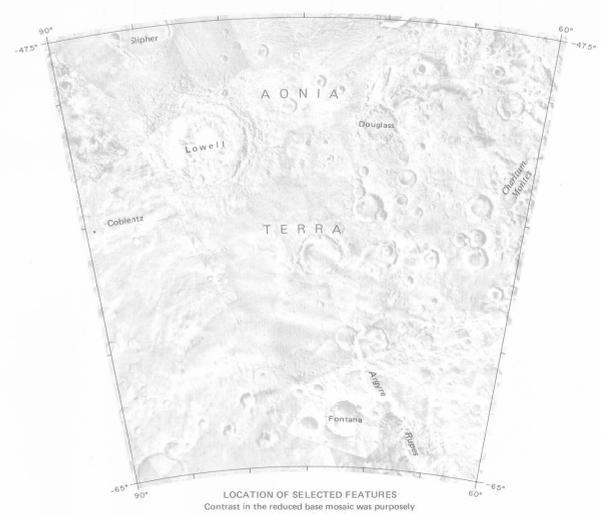
SCALE 1:2 000 000 (1 mm=2 km) AT -59.17°
LAMBERT CONFORMAL PROJECTION



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 454, 2255 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.



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 the names.

11228	11229	11230	11231	11232	11233	11234	11235	11236	11237	11238	11239	11240	11241	11242	11243	11244	11245	11246	11247	11248	11249	11250	11251	11252	11253	11254	11255	11256	11257	11258	11259	11260	11261	11262	11263	11264	11265	11266	11267	11268	11269	11270	11271	11272	11273	11274	11275	11276	11277	11278	11279	11280	11281	11282	11283	11284	11285	11286	11287	11288	11289	11290	11291	11292	11293	11294	11295	11296	11297	11298	11299	11300							
Dionis (MC-2)										Arcadia (MC-3)										Mare Acridium (MC-5)										Iamnia Lacus (MC-5)										Cantor (MC-6)										Columbia (MC-7)																													
Amazons (MC-8)										Tharsis (MC-9)										Lunae Palus (MC-10)										Oax Palus (MC-11)										Arcadia (MC-12)										Syrto Major (MC-13)										Amorpha (MC-14)										Elysium (MC-15)									
Marsupium (MC-16)										Phobos Lacus (MC-17)										Coprates (MC-18)										Margaritifer Sinus (MC-19)										Sinos Saccus (MC-20)										Tangra (MC-21)										Mare Tyrrhenum (MC-22)										Aeolis (MC-23)									
Phaenocice (MC-24)										Thaumasia (MC-25)										Agnis (MC-26)										Noctua (MC-27)										Hellas (MC-28)										Elysium (MC-29)																													

INDEX OF PUBLISHED PHOTOMOSAICS
Quadrangle availability is indicated by an "I" series number.

CONTROLLED PHOTOMOSAIC OF THE THAUMASIA SOUTHEAST QUADRANGLE OF MARS
M 2M -56/75 CM
MC-25 SE
1984