

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.

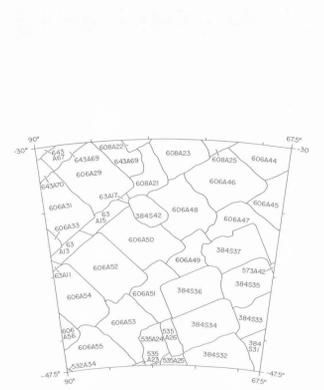
Interior—Geological Survey, Reston, Va.—1984—G04142
Revised in June 1983 on behalf of the Mars Data Analysis Program, Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14-575.
This map supersedes I-1262 (the first edition of this sheet).

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

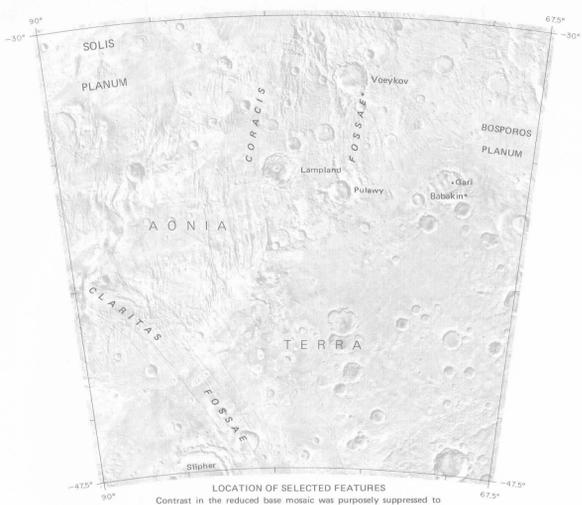


120°W	115°W	110°W	105°W	100°W	95°W	90°W	85°W	80°W	75°W	70°W	65°W
1120	1125	1130	1135	1140	1145	1150	1155	1160	1165	1170	1175
Dacia (MC-2)	Arcadia (MC-3)	Mare Acidalium (MC-4)	Ismerus Lacus (MC-5)	Caelus (MC-6)	Columbia (MC-7)						
1180	1185	1190	1195	1200	1205	1210	1215	1220	1225	1230	1235
Amazonia (MC-8)	Tharus (MC-9)	Lunai Palus (MC-10)	Oxa Palus (MC-11)	Arabia (MC-12)	Syrus Major (MC-13)	Aemethes (MC-14)	Elydam (MC-15)				
1240	1245	1250	1255	1260	1265	1270	1275	1280	1285	1290	1295
Mammonia (MC-16)	Phoenicis Lacus (MC-17)	Copias (MC-18)	Margariter Sinus (MC-19)	Sinus Sabaeus (MC-20)	Mare Tritonium (MC-21)	Aedus (MC-22)					
1300	1305	1310	1315	1320	1325	1330	1335	1340	1345	1350	1355
Phaethon (MC-23)	Thaumasia (MC-24)	Argyre (MC-25)	Noctua (MC-26)	Hellas (MC-27)	Hellas (MC-28)	Elysium (MC-29)					
1360	1365	1370	1375	1380	1385	1390	1395	1400	1405	1410	1415

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, 2215 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. Provisional names are indicated by an asterisk, pending approval by the International Astronomical Union.

CONTROLLED PHOTOMOSAIC OF THE THAUMASIA NORTHEAST QUADRANGLE OF MARS

M 2M -39/79 CM
MC-25 NE: REVISED
1984