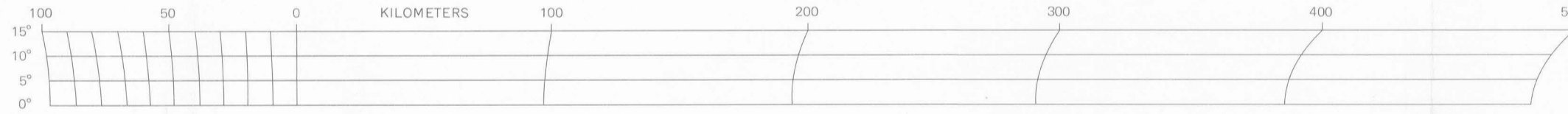


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally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

SCALE 1:2,000,000 (1 mm = 2 km) AT 27.476°
MERCATOR PROJECTION



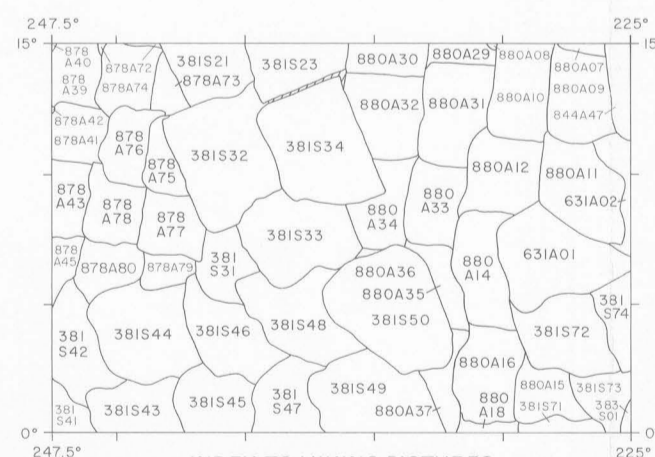
Interior—Geological Survey, Reston, Va.—1982—G82047
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14.575



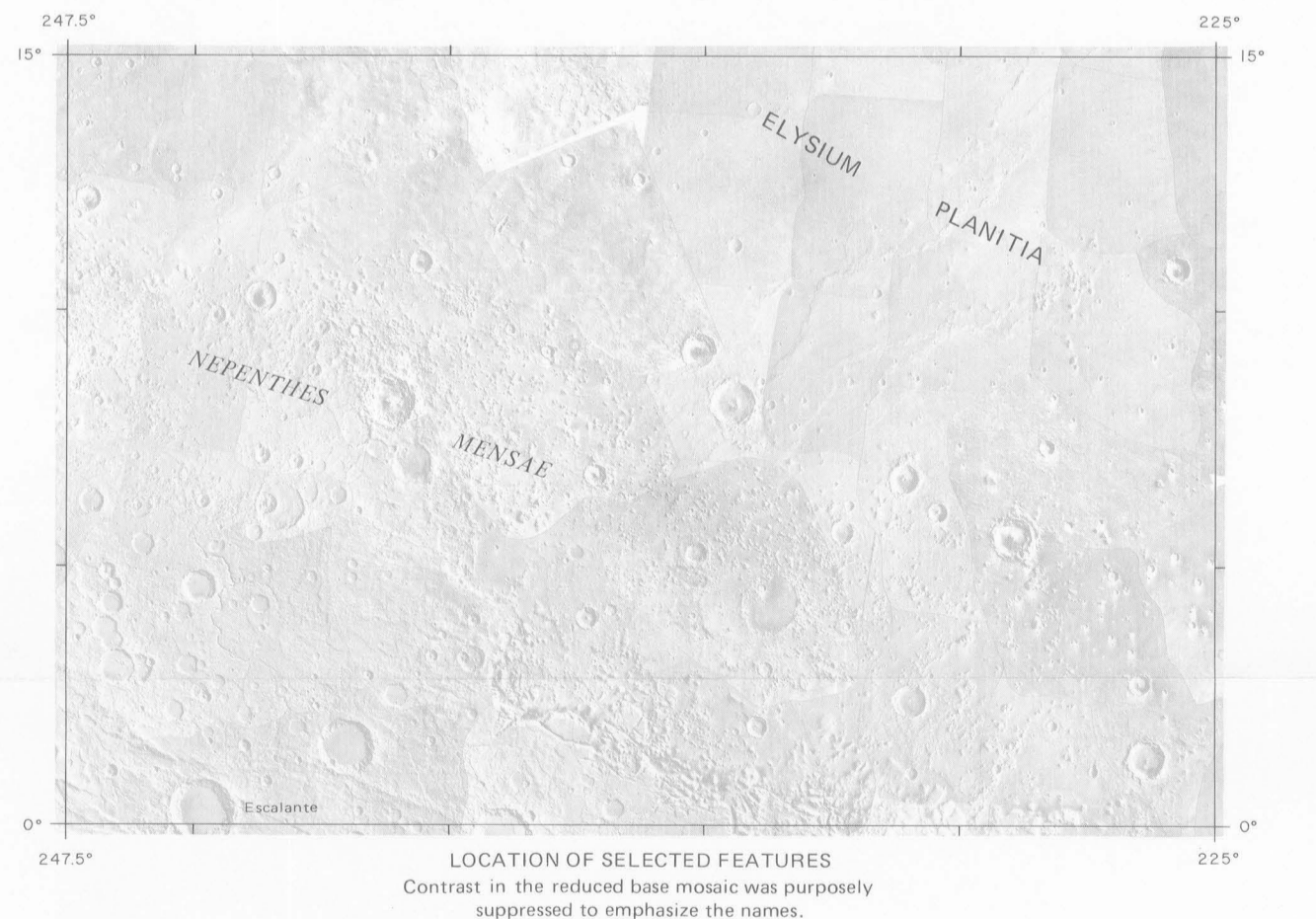
1328 Diana (MC-2)	1329 Arcadia (MC-3)	1330 Mare Acidulum (MC-4)	1331 Iamethus Lacus (MC-5)	1332 Caelus (MC-6)	1333 Columbia (MC-7)
1334 Amazania (MC-8)	1335 Tharsis (MC-9)	1336 Lunae Palus (MC-10)	1337 Oxia Palus (MC-11)	1338 Arabia (MC-12)	1339 Syrtis Major (MC-13)
1340 Memphis (MC-14)	1341 Phoenicis Lacus (MC-15)	1342 Cappadox (MC-16)	1343 Margaritifer Sinus (MC-17)	1344 Hesperia (MC-18)	1345 Mare Tyrrhenum (MC-19)
1346 Phoenicis (MC-20)	1347 Tharsis (MC-21)	1348 Apsis (MC-22)	1349 Koppeus (MC-23)	1350 Hellas (MC-24)	1351 Eridanus (MC-25)
1352 Phoenicis (MC-26)	1353 Tharsis (MC-27)	1354 Apsis (MC-28)	1355 Koppeus (MC-29)	1356 Hellas (MC-30)	1357 Eridanus (MC-31)

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

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. 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 the names.

CONTROLLED PHOTOMOSAIC OF THE AMENITHES SOUTHEAST QUADRANGLE OF MARS
M 2M 7/236 CM
MC-14 SE
1982

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