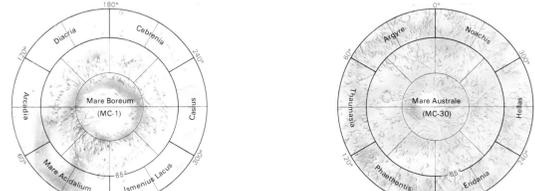




This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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. RO2309-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.—1982—G82064
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

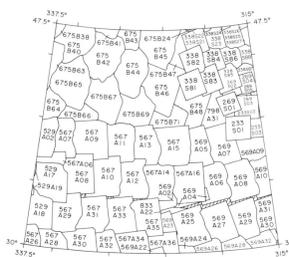
SCALE 1:2,000,000 (1 mm = 2 km) AT 35.83°
LAMBERT CONFORMAL PROJECTION



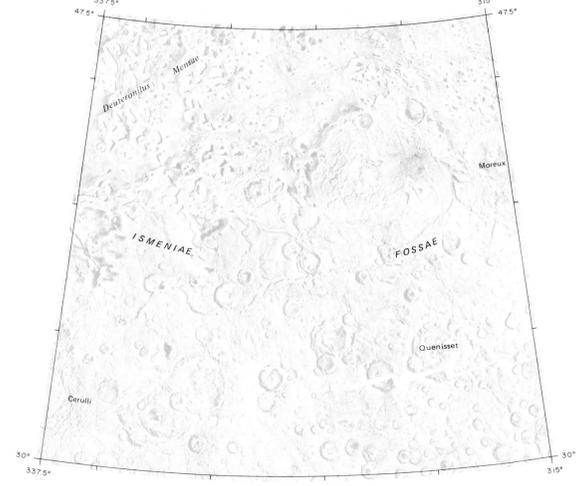
1328 NW	1329 NE	1335 NW	1333 NE	1341 NW	1339 NE	1434 NW	1433 NE	1431 NW	1429 NE
Diabla (MC-2)	Arcadia (MC-3)	Mare Adalium (MC-4)	Ismenius Lacus (MC-5)	Cestus (MC-6)	Cerebra (MC-7)				
1325 NW	1326 NE	1332 NW	1330 NE	1338 NW	1336 NE	1432 NW	1431 NE	1428 NW	1426 NE
Amazonis (MC-8)	Tharsis (MC-9)	Lunae Palus (MC-10)	Oxia Palus (MC-11)	Arabia (MC-12)	Syrtes Major (MC-13)	Amethystes (MC-14)	Elysium (MC-15)		
1322 NW	1323 NE	1329 NW	1327 NE	1335 NW	1333 NE	1430 NW	1429 NE	1426 NW	1424 NE
Memnonia (MC-16)	Phoenicis Lacus (MC-17)	Opesmaa (MC-18)	Margaritifer Sinus (MC-19)	Sinua Salsum (MC-20)	Laygia (MC-21)	Mare Tyrrhenum (MC-22)	Aegles (MC-23)		
1319 NW	1320 NE	1326 NW	1324 NE	1332 NW	1330 NE	1428 NW	1427 NE	1424 NW	1422 NE
Thaumasia (MC-24)	Argire (MC-25)	Noctis (MC-26)	Hotus (MC-27)	Erythrae (MC-28)					
1316 NW	1317 NE	1323 NW	1321 NE	1329 NW	1327 NE	1426 NW	1425 NE	1422 NW	1420 NE

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 ISMENIUS LACUS SOUTH-CENTRAL QUADRANGLE OF MARS

M 2M 39/326 CM
MC-5 S-C
1982



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