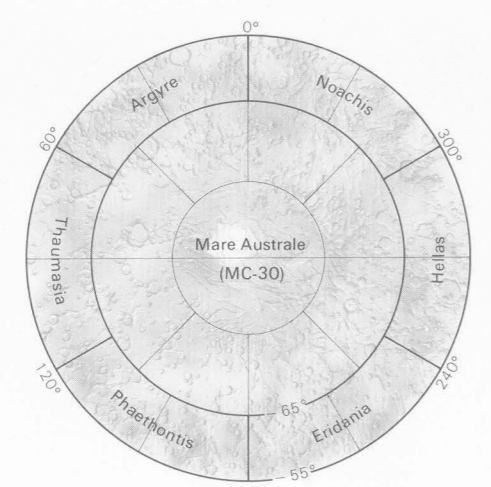
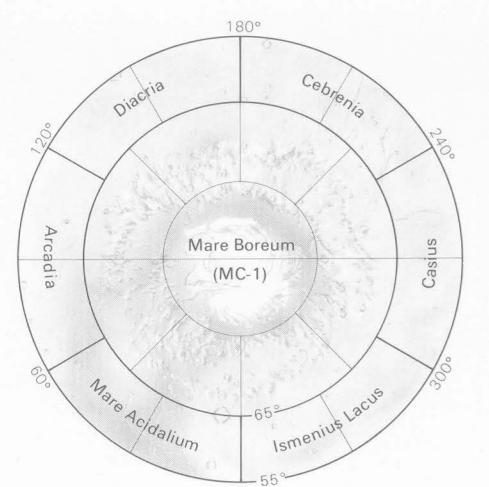
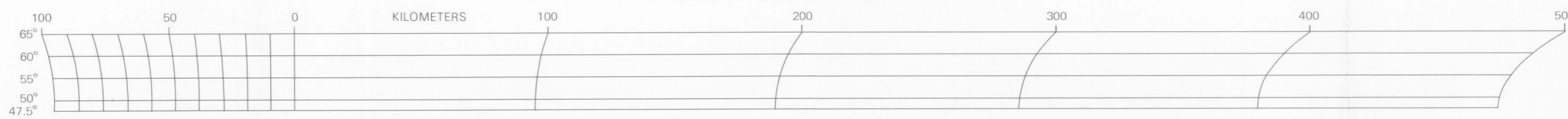


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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—G82062
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

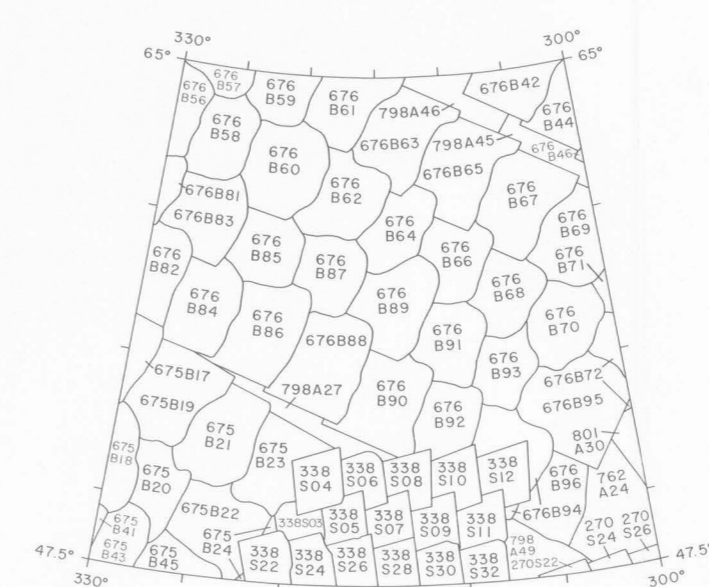
South
SCALE 1:2,000,000 (1 mm = 2 km) AT 59.17°
LAMBERT CONFORMAL PROJECTION



1:1228 NW Dacia (MC-2)	1:1269 NE Arcadia (MC-3)	1:1295 NE Mare Acidulum (MC-4)	1:1247 NE Immenus Lacus (MC-5)	1:1424 SW Cetus (MC-6)	1:1433 NW Cerberus (MC-7)	1:1291 SE Cerberus (MC-7)
1:1258 SW Anaprosis (MC-8)	1:1267 SE Tharsis (MC-9)	1:1268 SE Lunae Palus (MC-10)	1:1269 SE Oxia Palus (MC-11)	1:1270 SE Ardia (MC-12)	1:1271 SE Syrinx Mons (MC-13)	1:1272 SE Aeneas (MC-14)
1:1273 SW Mansonia (MC-15)	1:1274 SW Phoenicis (MC-16)	1:1275 SW Cerberus (MC-17)	1:1276 SW Mare Tethys (MC-18)	1:1277 SW Mare Tethys (MC-19)	1:1278 SW Mare Tethys (MC-20)	1:1279 SW Mare Tethys (MC-21)
1:1280 SW Phoenicis (MC-22)	1:1281 SW Thaumasia (MC-23)	1:1282 SW Aegle (MC-24)	1:1283 SW Noctua (MC-25)	1:1284 SW Heracles (MC-26)	1:1285 SW Euboea (MC-27)	1:1286 SW Euboea (MC-28)
1:1287 SW Phoenicis (MC-29)	1:1288 SW Thaumasia (MC-30)	1:1289 SW Aegle (MC-31)	1:1290 SW Noctua (MC-32)	1:1291 SW Heracles (MC-33)	1:1292 SW Euboea (MC-34)	1:1293 SW Euboea (MC-35)

INDEX OF PUBLISHED PHOTOMOSAICS
Quadrangle availability is indicated by an "1" 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, 2295 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.



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

CONTROLLED PHOTOMOSAIC OF THE ISMENIUS LACUS NORTHEAST QUADRANGLE OF MARS
M 2M 56/315 CM
MC-5 NE
1982