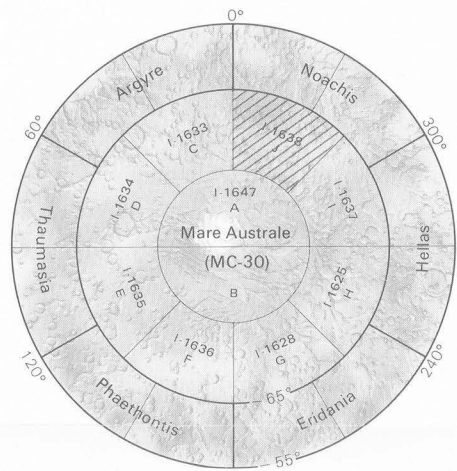
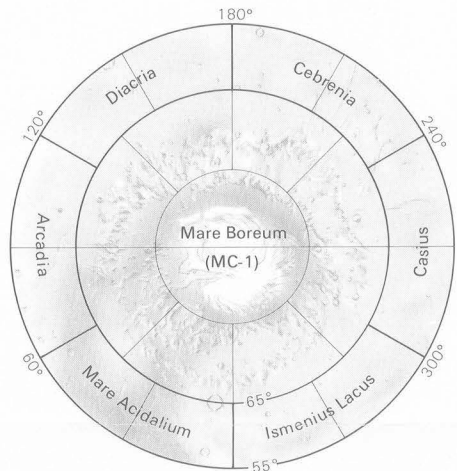
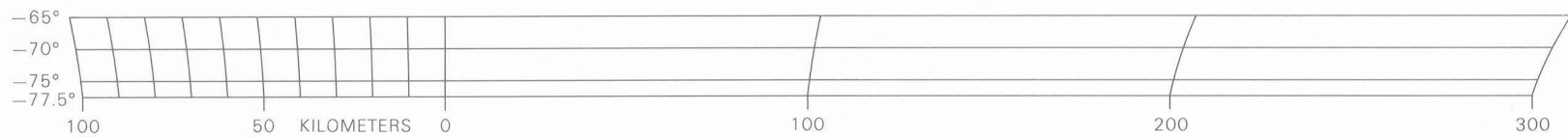


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 m per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally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

SCALE 1:2 000 000 (1 mm = 2 km) AT -75.008°
POLAR STEREOGRAPHIC PROJECTION

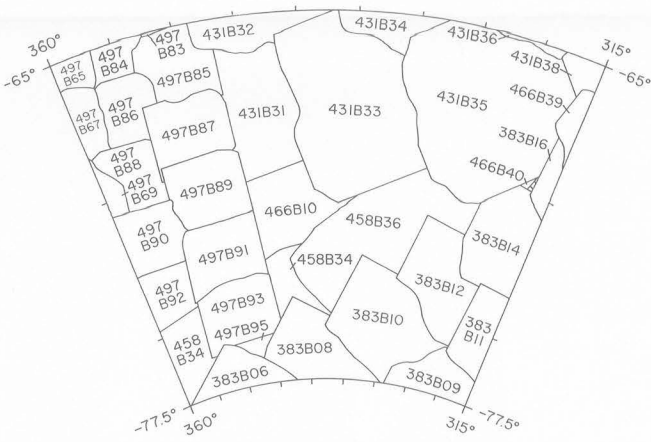
Interior—Geological Survey, Reston, Va.—1985—GB4308

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

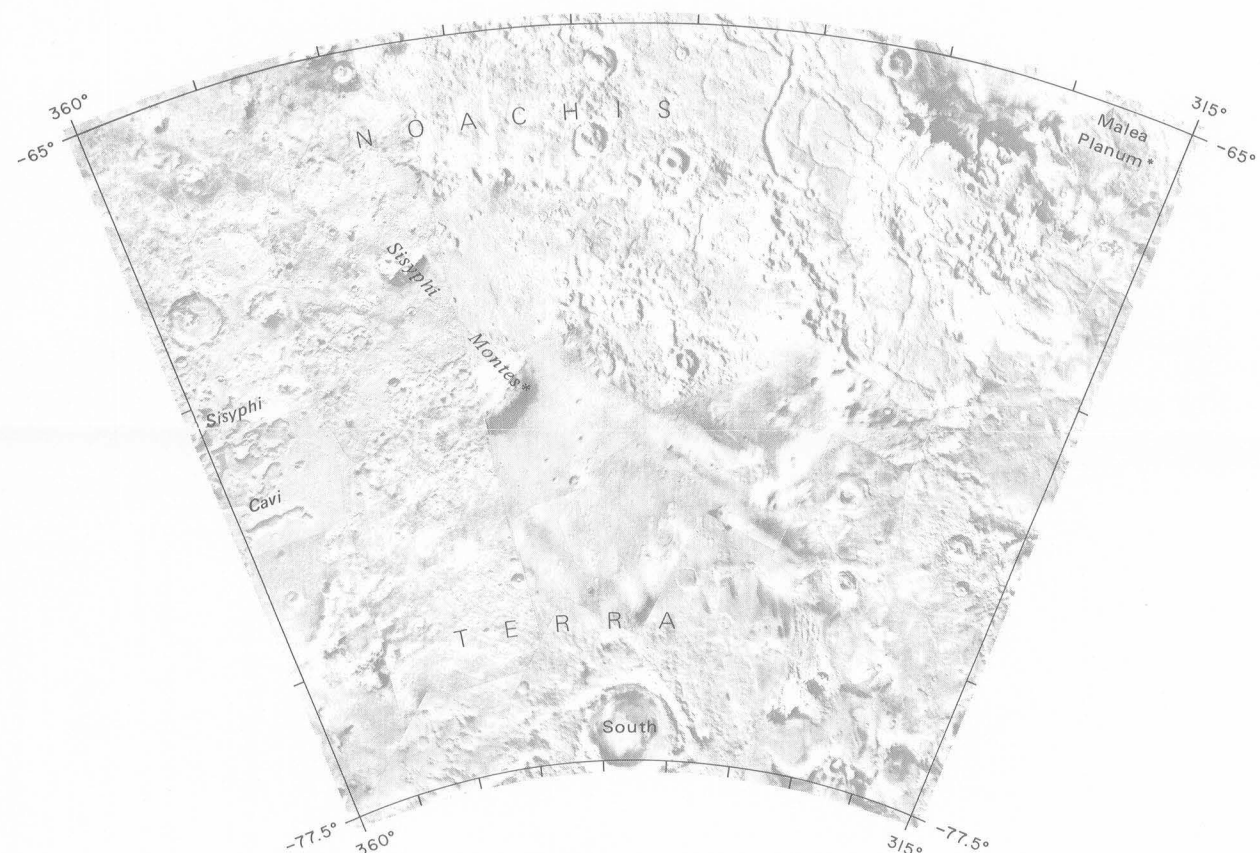


180°	120°	60°	0°	300°	240°	180°
11328 NW Diacra (MC-2)	11329 NE Arcadia (MC-3)	11330 SW Mare Acidalium (MC-4)	11331 SE Ismerius Lacus (MC-5)	11332 NW Cadius (MC-6)	11333 NE Cebrenia (MC-7)	11334 SW Cebrenia (MC-7)
11335 NW Amazons (MC-8)	11336 NE Thoris (MC-9)	11337 SW Lunus Palus (MC-10)	11338 SE Oxia Palus (MC-11)	11339 NW Arabia (MC-12)	11340 NE Sym Major (MC-13)	11341 SW Aemethes (MC-14)
11342 NW Memoria (MC-15)	11343 NE Phoeniceus Lacus (MC-16)	11344 SW Cordatus (MC-17)	11345 SE Marsindus Sinus (MC-18)	11346 NW Sirus Sabanus (MC-19)	11347 NE Mare Tyrrhenum (MC-20)	11348 SW Aolis (MC-21)
11349 NW Phaenothus (MC-22)	11350 NE Thaumasia (MC-23)	11351 SW Argid (MC-24)	11352 SE Rupibus (MC-25)	11353 NW Hellas (MC-26)	11354 NE Eridanus (MC-27)	11355 SW Eridanus (MC-27)

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



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.



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 MARE AUSTRALE J QUADRANGLE OF MARS

M 2M -71/338 CM

MC-30 J

1985

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.

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