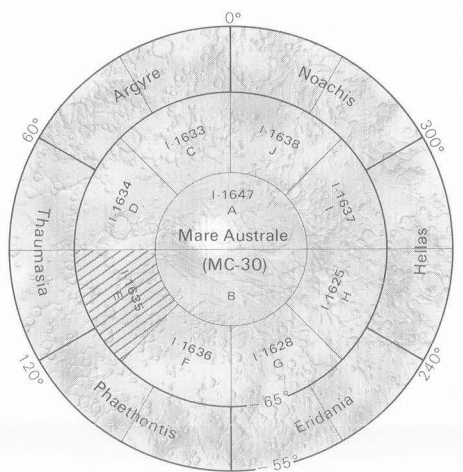
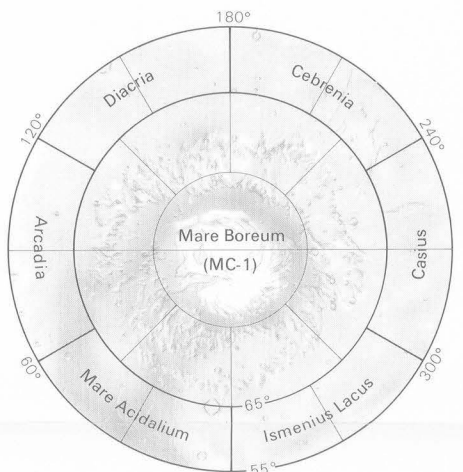
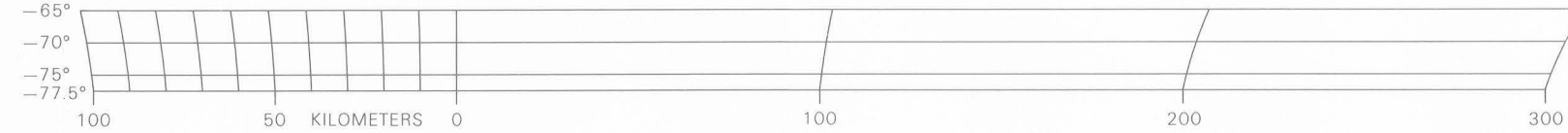


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 m per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally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

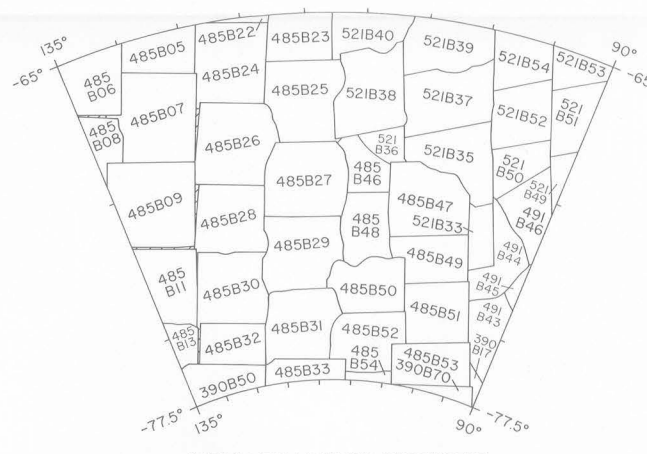
Interior—Geological Survey, Reston, Va.—1985—G84305

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

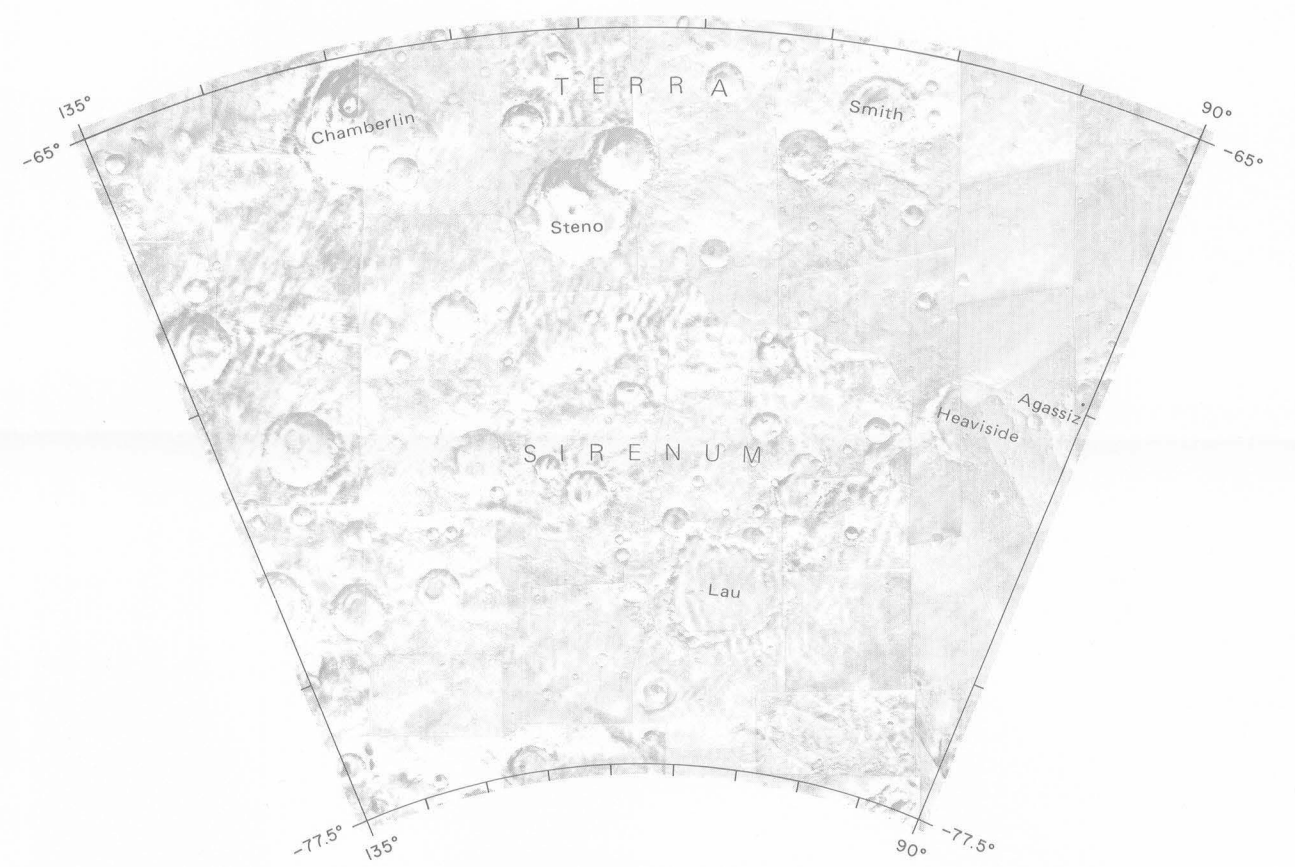


180°	120°	60°	0°	300°	240°	180°
11229 Dacia (MC-2)	11229 Arcadia (MC-3)	11247 Mare Australe (MC-4)	11247 Innomia Lacus (MC-5)	11247 Cassiope (MC-6)	11247 Coburnia (MC-7)	11229
11229 Amazonia (MC-8)	11229 Thoris (MC-9)	11229 Lunae Palus (MC-10)	11229 Oxia Palus (MC-11)	11229 Arabia (MC-12)	11229 Syrtes Major (MC-13)	11229
11229 Memnonia (MC-16)	11229 Phoenicis Lacus (MC-17)	11229 Coprates (MC-18)	11229 Margaritifer Sinus (MC-19)	11229 Sinus Sabaeus (MC-20)	11229 Iapygia (MC-21)	11229
11229 Phaenonius (MC-24)	11229 Thaumasia (MC-25)	11229 Argynne (MC-26)	11229 Noctua (MC-27)	11229 Hellas (MC-28)	11229 Eridania (MC-29)	11229

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



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 MARE AUSTRALE E QUADRANGLE OF MARS

M 2M-71/113 CM
MC-30 E
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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