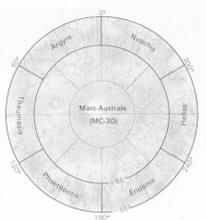


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement 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.

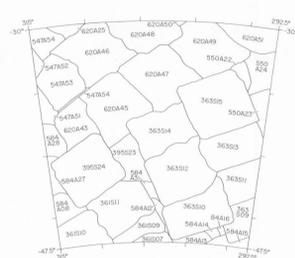
SCALE 1:2,000,000 (1 mm = 2 km) AT -35.83°
LAMBERT CONFORMAL PROJECTION

Interior—Geological Survey, Reston, Va.—1984—G84086
Revised in June 1983 on behalf of the Mars Data Analysis Program, Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14-575.
This map supersedes I-1396 (the first edition of this sheet).

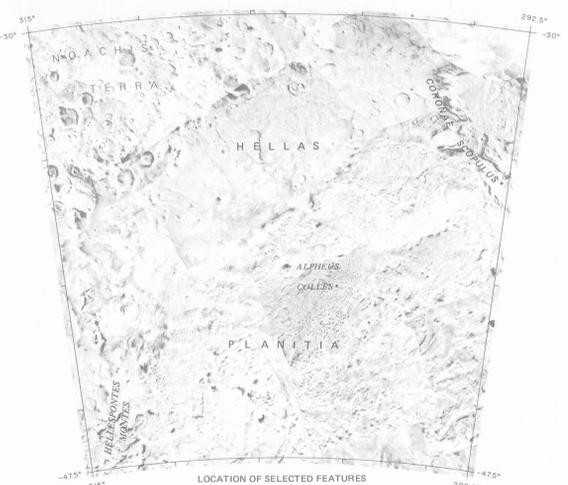


11228 Dacia (MC-2)	11229 Arcadia (MC-3)	11230 Mare Acidalium (MC-4)	11231 Iamamus Lacus (MC-5)	11232 Caelus (MC-6)	11233 Cerberia (MC-7)
11234 Thaesis (MC-8)	11235 Lunae Planus (MC-9)	11236 Aurora (MC-10)	11237 Jovis (MC-11)	11238 Sine Mijor (MC-12)	11239 Aeneas (MC-13)
11240 Memphis (MC-14)	11241 Phaethon Lacus (MC-15)	11242 Corymbus (MC-16)	11243 Margaret Sinus (MC-17)	11244 Sinus Sabaeus (MC-18)	11245 Iovis (MC-19)
11246 Phaethon (MC-20)	11247 Thaumasia (MC-21)	11248 Argyre (MC-22)	11249 Noachis (MC-23)	11250 Hellas (MC-24)	11251 Eridania (MC-25)

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. 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. Provisional names are indicated by an asterisk, pending approval by the International Astronomical Union.

CONTROLLED PHOTOMOSAIC OF THE NOACHIS NORTHEAST QUADRANGLE OF MARS

M 2M-39/304 CM
MC-27 NE: REVISED

1984

For sale by Branch of Distribution, U.S. Geological Survey,
1200 South East Street, Arlington, VA 22202, and Branch of Distribution,
U.S. Geological Survey, Box 25286, Federal Center, Denver, CO 80225.