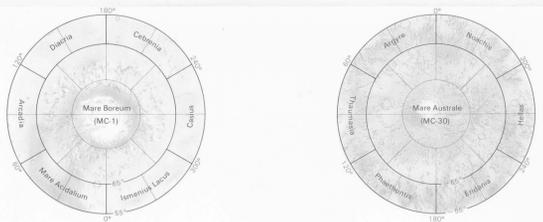
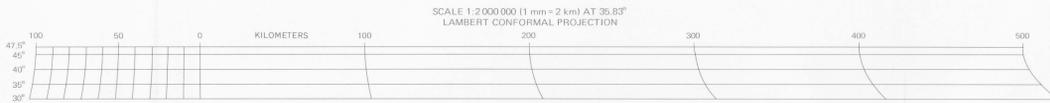




This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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. R02309-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.—1981—G81310
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

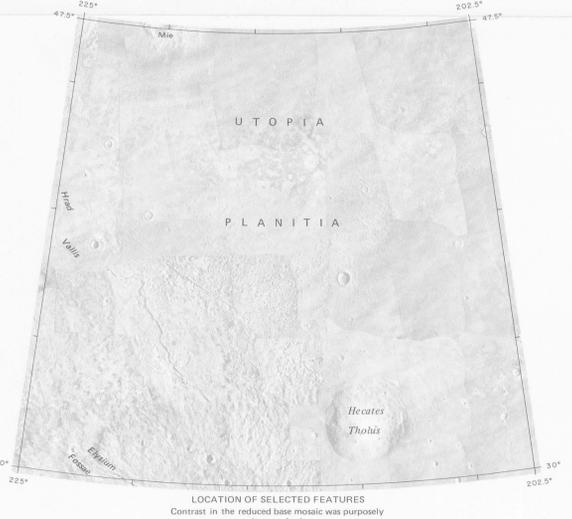


| 120° | 115° | 110° | 105° | 100° | 95° | 90° | 85° | 80° | 75° | 70° | 65° |
|------------------|-------------------------|----------------------|--------------------------|-----------------------|---------------------|------------------------|-----------------|----------|----------|----------|----------|
| Diaria (MC-2) | Aradia (MC-3) | Mars Acidulum (MC-4) | Temenius Lacus (MC-5) | Callia (MC-6) | Cebrenia (MC-7) | | | | | | |
| 11324 NW | 11296 NE | 11271 NW | 11245 NE | 11220 SW | 11194 SW | 11168 SW | 11142 SW | 11116 SW | 11090 SW | 11064 SW | 11038 SW |
| 11324 NW | 11296 NE | 11271 NW | 11245 NE | 11220 SW | 11194 SW | 11168 SW | 11142 SW | 11116 SW | 11090 SW | 11064 SW | 11038 SW |
| Amazania (MC-8) | Tharsis (MC-9) | Lunae Palus (MC-10) | Oxia Palus (MC-11) | Arabia (MC-12) | Syrus Major (MC-13) | Amerithes (MC-14) | Elysium (MC-15) | | | | |
| 11322 SW | 11296 SW | 11271 SW | 11245 SW | 11220 SW | 11194 SW | 11168 SW | 11142 SW | 11116 SW | 11090 SW | 11064 SW | 11038 SW |
| 11322 SW | 11296 SW | 11271 SW | 11245 SW | 11220 SW | 11194 SW | 11168 SW | 11142 SW | 11116 SW | 11090 SW | 11064 SW | 11038 SW |
| Memnonia (MC-16) | Phoenicis Lacus (MC-17) | Copertes (MC-18) | Margarifer Sinus (MC-19) | Sinus Sabaeus (MC-20) | Isopygia (MC-21) | Mars Tyrrhenum (MC-22) | Acolis (MC-23) | | | | |
| 11320 SW | 11294 SW | 11268 SW | 11242 SW | 11216 SW | 11190 SW | 11164 SW | 11138 SW | 11112 SW | 11086 SW | 11060 SW | 11034 SW |
| 11320 SW | 11294 SW | 11268 SW | 11242 SW | 11216 SW | 11190 SW | 11164 SW | 11138 SW | 11112 SW | 11086 SW | 11060 SW | 11034 SW |
| Phaethon (MC-24) | Thaumasia (MC-25) | Argyre (MC-26) | Noachis (MC-27) | Hellas (MC-28) | Eridania (MC-29) | | | | | | |
| 11318 SW | 11292 SW | 11266 SW | 11240 SW | 11214 SW | 11188 SW | 11162 SW | 11136 SW | 11110 SW | 11084 SW | 11058 SW | 11032 SW |
| 11318 SW | 11292 SW | 11266 SW | 11240 SW | 11214 SW | 11188 SW | 11162 SW | 11136 SW | 11110 SW | 11084 SW | 11058 SW | 11032 SW |

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 64, 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 001 Goddard Space Flight Center, Greenbelt, MD 20771.



CONTROLLED PHOTOMOSAIC OF THE CEBRENIA SOUTH-CENTRAL QUADRANGLE OF MARS
M 2M 39/214 CM
MC-7 S-C
1981