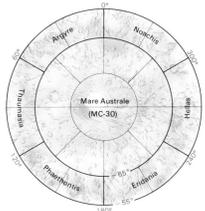
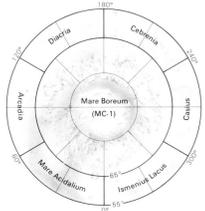


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally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

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



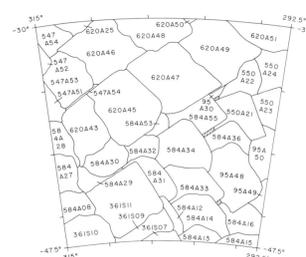
Interior—Geological Survey, Reston, Va.—1981—G81308
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14,575



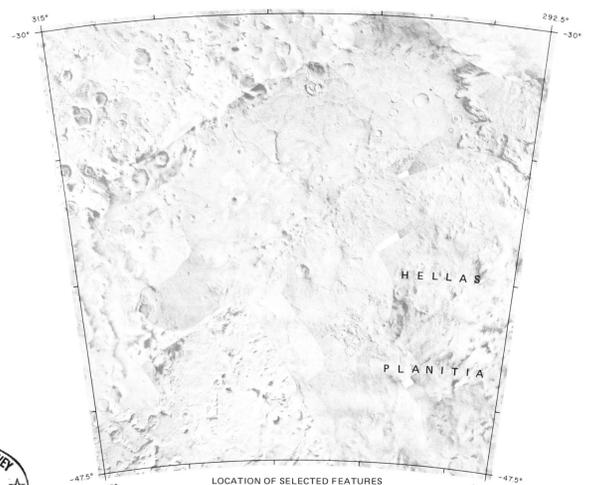
NOTE TO USERS
Users noting errors or omissions are urged to indicate them on the map and to forward it to U.S. Geological Survey, Building 4, Room 64, 2255 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.

11328 NW	11329 NE	11330 NW	11331 NE	11332 NW	11333 NE	11334 NW	11335 NE	11336 NW	11337 NE
Diarcia (MC-2)	Arcadia (MC-3)	Mare Acidatum (MC-4)	Immerius Lacus (MC-5)	Cassia (MC-6)	Cetrenia (MC-7)				
11324 NW	11325 NE	11326 NW	11327 NE	11328 NW	11329 NE	11330 NW	11331 NE	11332 NW	11333 NE
Amazonis (MC-8)	Tharsis (MC-9)	Lurid Palus (MC-10)	Oxia Palus (MC-11)	Arabia (MC-12)	Syrus Major (MC-13)	Ametheus (MC-14)	Elysium (MC-15)		
11322 NW	11323 NE	11324 NW	11325 NE	11326 NW	11327 NE	11328 NW	11329 NE	11330 NW	11331 NE
Memnonia (MC-16)	Phoenicis Lacus (MC-17)	Coprethia (MC-18)	Margarifer Sinus (MC-19)	Sinus Sphaeroides (MC-20)	Thrygia (MC-21)	Mare Tyrrhenum (MC-22)	Abolis (MC-23)		
11318 NW	11319 NE	11320 NW	11321 NE	11322 NW	11323 NE	11324 NW	11325 NE	11326 NW	11327 NE
Phaethon (MC-24)	Thaumasia (MC-25)	Argyre (MC-26)	Noachis (MC-27)	Hellas (MC-28)	Endania (MC-29)				
11314 NW	11315 NE	11316 NW	11317 NE	11318 NW	11319 NE	11320 NW	11321 NE	11322 NW	11323 NE

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 names.



CONTROLLED PHOTOMOSAIC OF THE NOACHIS NORTHEAST QUADRANGLE OF MARS
M 2M-39/304 CM
MC-27 NE
1981

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