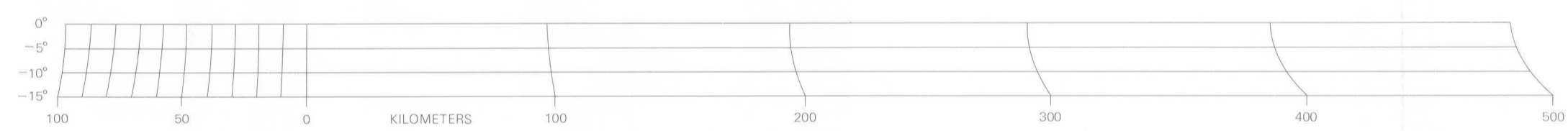


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 120 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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 -27.476°
MERCATOR PROJECTION



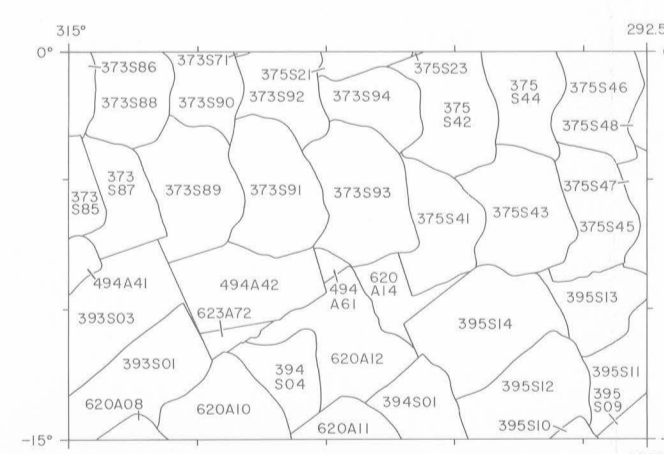
Interior—Geological Survey, Reston, Va.—1985—G84259
Revised in January 1984 on behalf of the Mars Data Analysis Program, Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14-575
This map supersedes I-1439 (the first edition of this sheet).



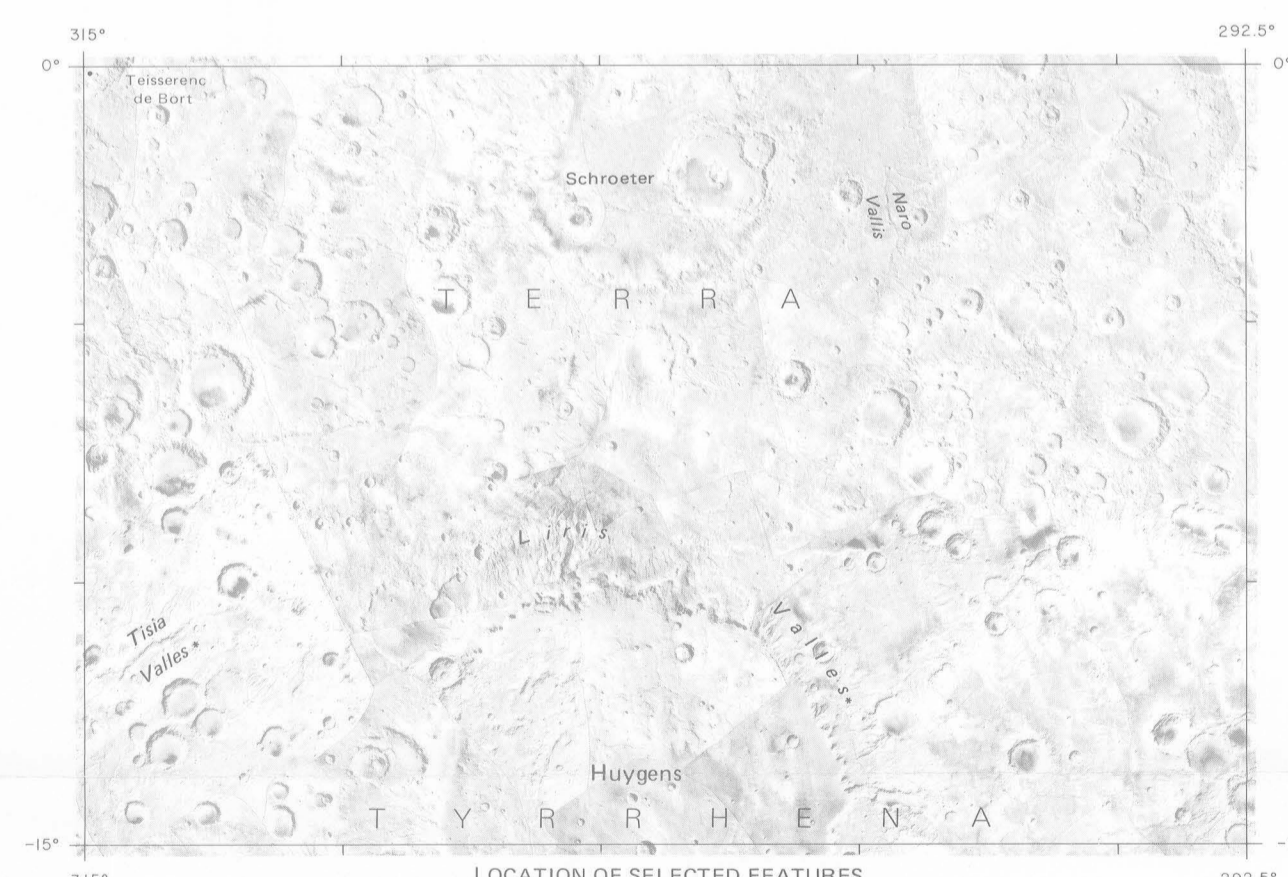
11228	11269	11295	11323	11347	11368	11424	11432	11519	11563	11621	11627
Diocletia (MC-2)	Arcadia (MC-3)	Mare Acidulum (MC-4)	Iomeneus Lacus (MC-5)	Ceius (MC-6)	Cebenna (MC-7)						
11588	11296	11353	11597	11282	11249	11350	11231	11317	11520	11429	11325
11324	11311	11271	11225	11283	11259	11245	11244	11167	11224	11113	11118
Amantion (MC-8)	Thoson (MC-9)	Lunali Palus (MC-10)	Oxap Palus (MC-11)	Arabia (MC-12)	Syrtis Major (MC-13)	Amethystes (MC-14)	Elysium (MC-15)				
11106	11185	11206	11226	11200	11229	11183	11263	11176	11177	11132	11169
Melancholia (MC-16)	Phoenicis Lacus (MC-17)	Chryse (MC-18)	Marginalis Sinus (MC-19)	Sinus Sabaeus (MC-20)	Mare Tyrrhenum (MC-21)	Adala (MC-22)	Adala (MC-23)				
11100	11187	11189	11192	11183	11184	11209	11218	11200	11212	11141	11140
Phaenon (MC-24)	Thaumasia (MC-25)	Argynis (MC-26)	Rochia (MC-27)	Hellas (MC-28)	Eridania (MC-29)						
11163	11509	11491	11282	11402	11381	11152	11183	11205	11284	11185	11142

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

NOTE TO USERS
Users noting errors or omissions are urged to indicate them on the map and so 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. Some sheets in this series contain names that are provisional, pending approval by the International Astronomical Union. These names are indicated by an asterisk.

CONTROLLED PHOTOMOSAIC OF THE IAPYGIA NORTHWEST QUADRANGLE OF MARS

M 2M-7/304 CM
MC-21 NW; REVISED
1985

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