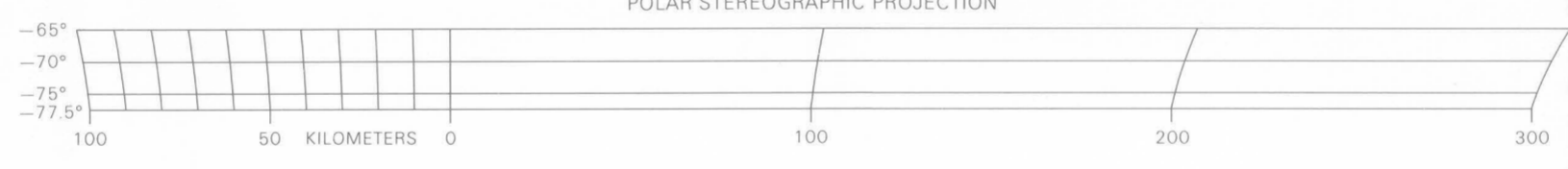


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 m per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally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

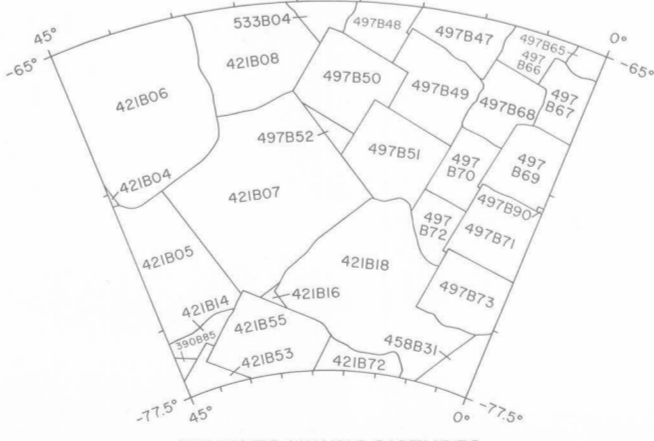
Interior—Geological Survey, Reston, Va.—1985—G84303

Prepared on behalf of the Mars Data Analysis Program,  
Planetary Division, Office of Space Science, National Aero-  
nautics and Space Administration under contract W-14.575

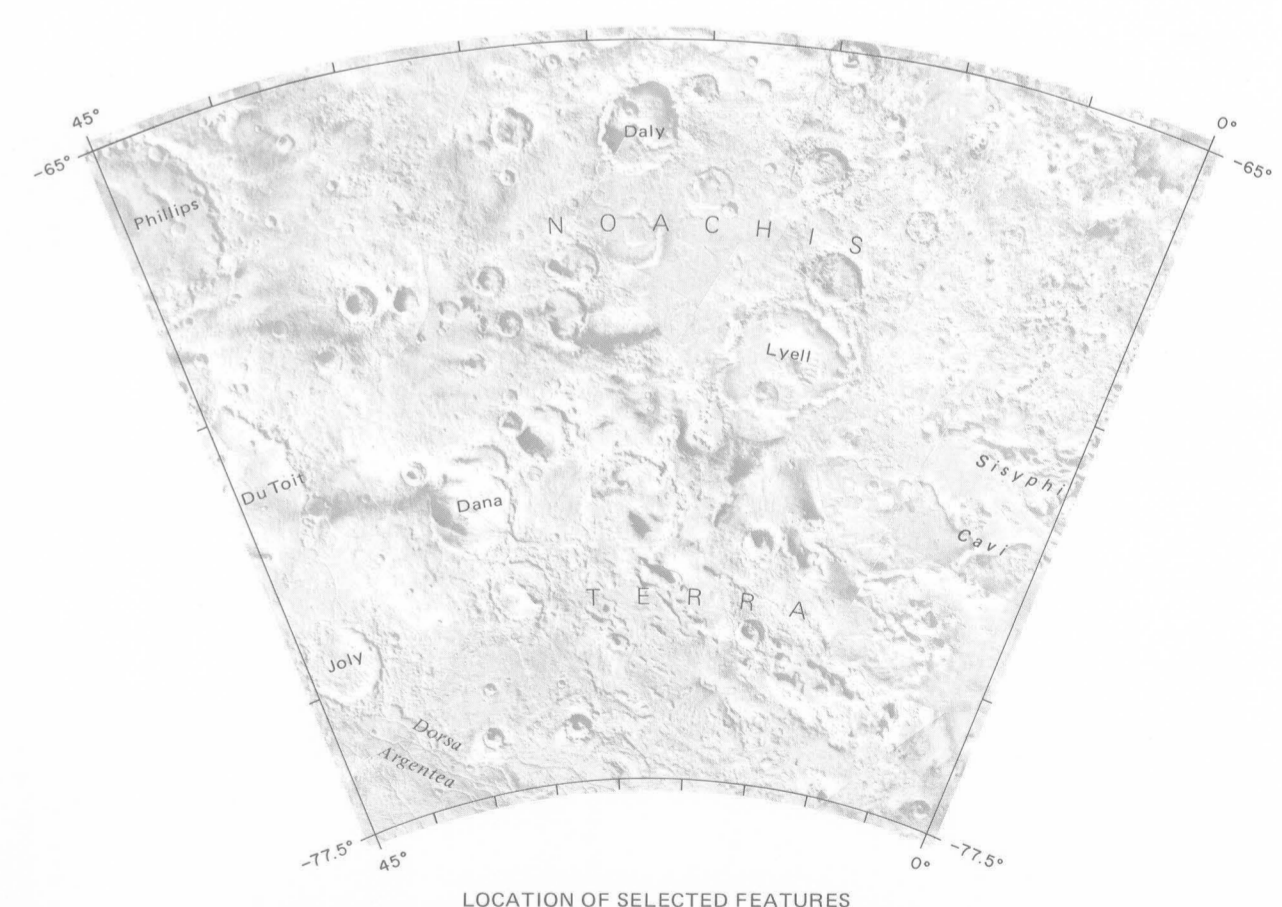


11398 SW MC-2	11399 NW MC-2	11400 NE MC-2	11401 SE MC-2	11402 SW MC-3	11403 NW MC-3	11404 NE MC-3	11405 SE MC-3	11406 SW MC-4	11407 NW MC-4	11408 NE MC-4	11409 SE MC-4	11410 SW MC-5	11411 NW MC-5	11412 NE MC-5	11413 SE MC-5	11414 SW MC-6	11415 NW MC-6	11416 NE MC-6	11417 SE MC-6	11418 SW MC-7	11419 NW MC-7	11420 NE MC-7	11421 SE MC-7
11398 SW MC-2	11399 NW MC-2	11400 NE MC-2	11401 SE MC-2	11402 SW MC-3	11403 NW MC-3	11404 NE MC-3	11405 SE MC-3	11406 SW MC-4	11407 NW MC-4	11408 NE MC-4	11409 SE MC-4	11410 SW MC-5	11411 NW MC-5	11412 NE MC-5	11413 SE MC-5	11414 SW MC-6	11415 NW MC-6	11416 NE MC-6	11417 SE MC-6	11418 SW MC-7	11419 NW MC-7	11420 NE MC-7	11421 SE MC-7

INDEX OF PUBLISHED PHOTOMOSAICS  
Quadrangle availability is indicated by an "1" series number.



INDEX TO VIKING PICTURES  
The mosaic was made with the Viking pictures out-  
lined above. Copies of various enhancements of  
these pictures are available from National Space  
Science Data Center, Code 501, Goddard Space  
Flight Center, Greenbelt, MD 20771.



LOCATION OF SELECTED FEATURES  
Contrast in the reduced base mosaic was purposely  
suppressed to emphasize the names. Location of  
Sisyphi Cavi corrected from previous edition (1970).

## CONTROLLED PHOTOMOSAIC OF THE MARE AUSTRALE C QUADRANGLE OF MARS

M 2M -71/23 CM  
MC-30 C  
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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1200 South Eads Street, Arlington, VA 22202, and Branch of Distribution,  
U.S. Geological Survey, Box 25286, Federal Center, Denver, CO 80225