

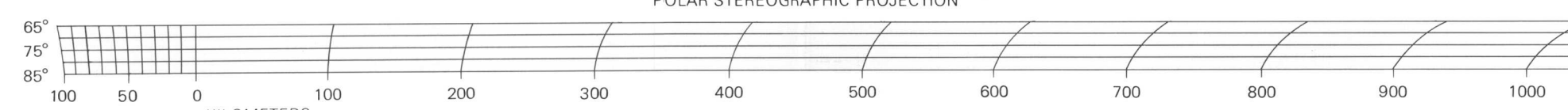
This photomosaic was made from reduced copies of 1:2,000,000-scale controlled photomosaics. The image resolution of the Viking Orbiter pictures used to compile the original mosaics is 130 to 300 meters per picture element and the average sun elevation is 20° (solar zenith angle 70°). The images were 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). Precise geometric transformation of the highly oblique Viking Orbiter pictures taken in the polar regions is not possible. Discrepancies between adjacent frames are therefore as great as 4.5 mm, primarily in the east-west direction. Appropriate "I" series numbers may be used to obtain published copies of the 1:2,000,000-scale photomosaics.

1:2,000,000
CONTROLLED PHOTOMOSAICS

Series No.	Geographic No.
11783	MC-1 A & B
11887	MC-1 C
11888	MC-1 D
11889	MC-1 E
11870	MC-1 F
11871	MC-1 G
11872	MC-1 H
11873	MC-1 I
11874	MC-1 J

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.

SCALE 1:4 306 000 (11mm=4.3km) AT 65° LATITUDE
POLAR STEREOGRAPHIC PROJECTION



CONTROLLED PHOTOMOSAIC OF THE MARE BOREUM REGION OF MARS
MC-1
M 5M 90/0 CM
1988

INTERIOR—GEOLOGICAL SURVEY WASHINGTON, D.C. 20548
Prepared on behalf of the Planetary Geology and Geophysics Program, Planetary Division, Office of Space Science and Applications, National Aeronautics and Space Administration, under contract W-15.814.