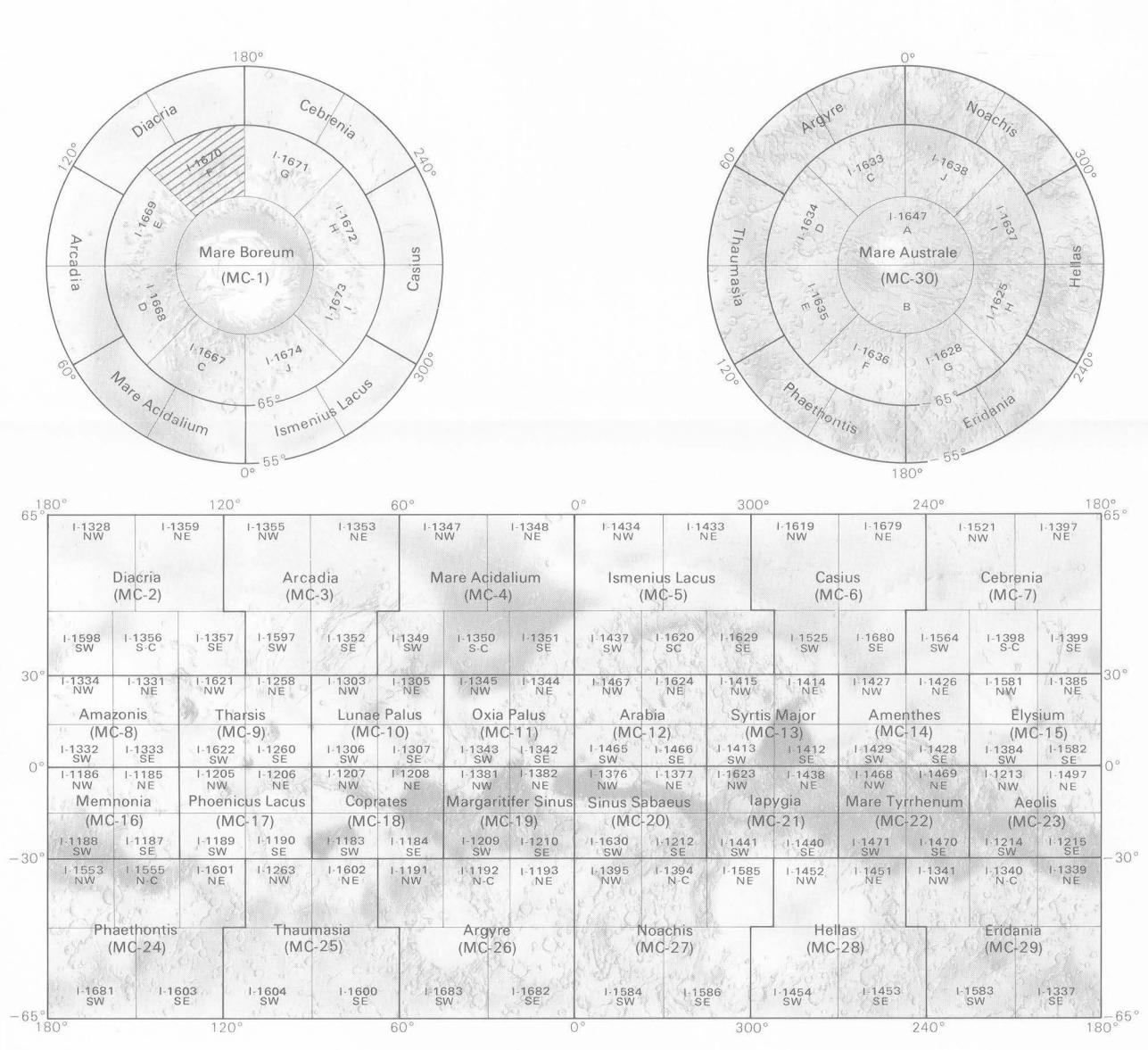
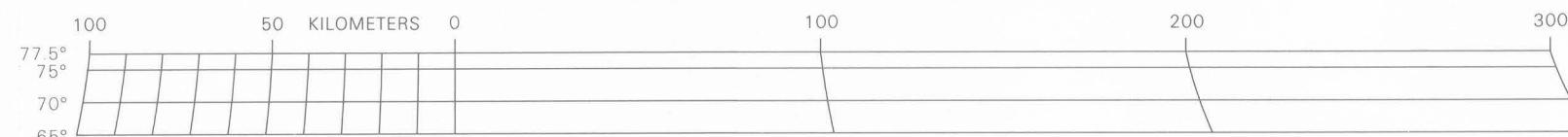


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 m per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally 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), with at least 66 percent of the control points placed to within 0.5 mas (mas = milliarcseconds). Photometric transformation of the highly oblique Viking Orbiter pictures taken in the polar regions is not possible. Discrepancies between adjacent frames are as large as 10 mm, primarily in the east-west direction.

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.

SCALE 1:2,000,000 (1 mm = 2 km) AT 75.008°  
POLAR STEREOGRAPHIC PROJECTION



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

