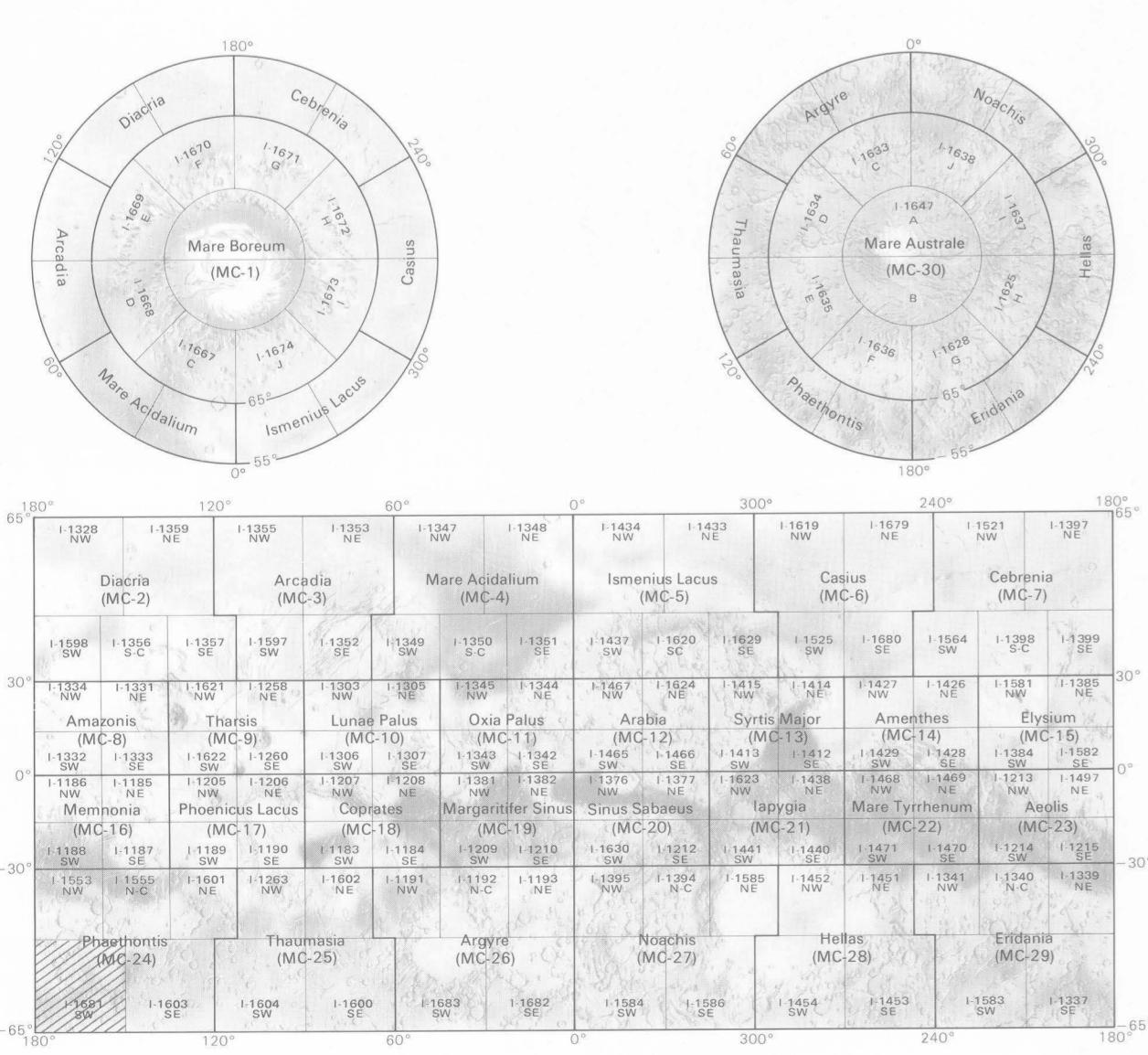




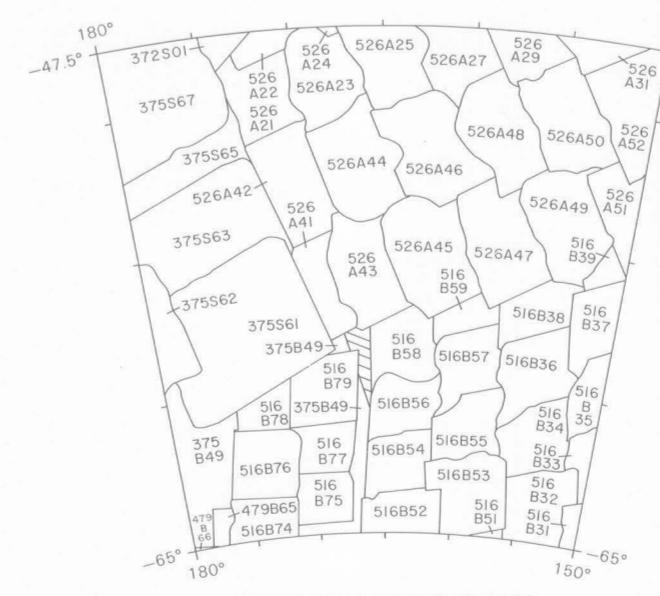
This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory Image and Test Imaging System to accentuate high-contrast features. Image control 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 -59° 17' LAMBERT CONFORMAL PROJECTION

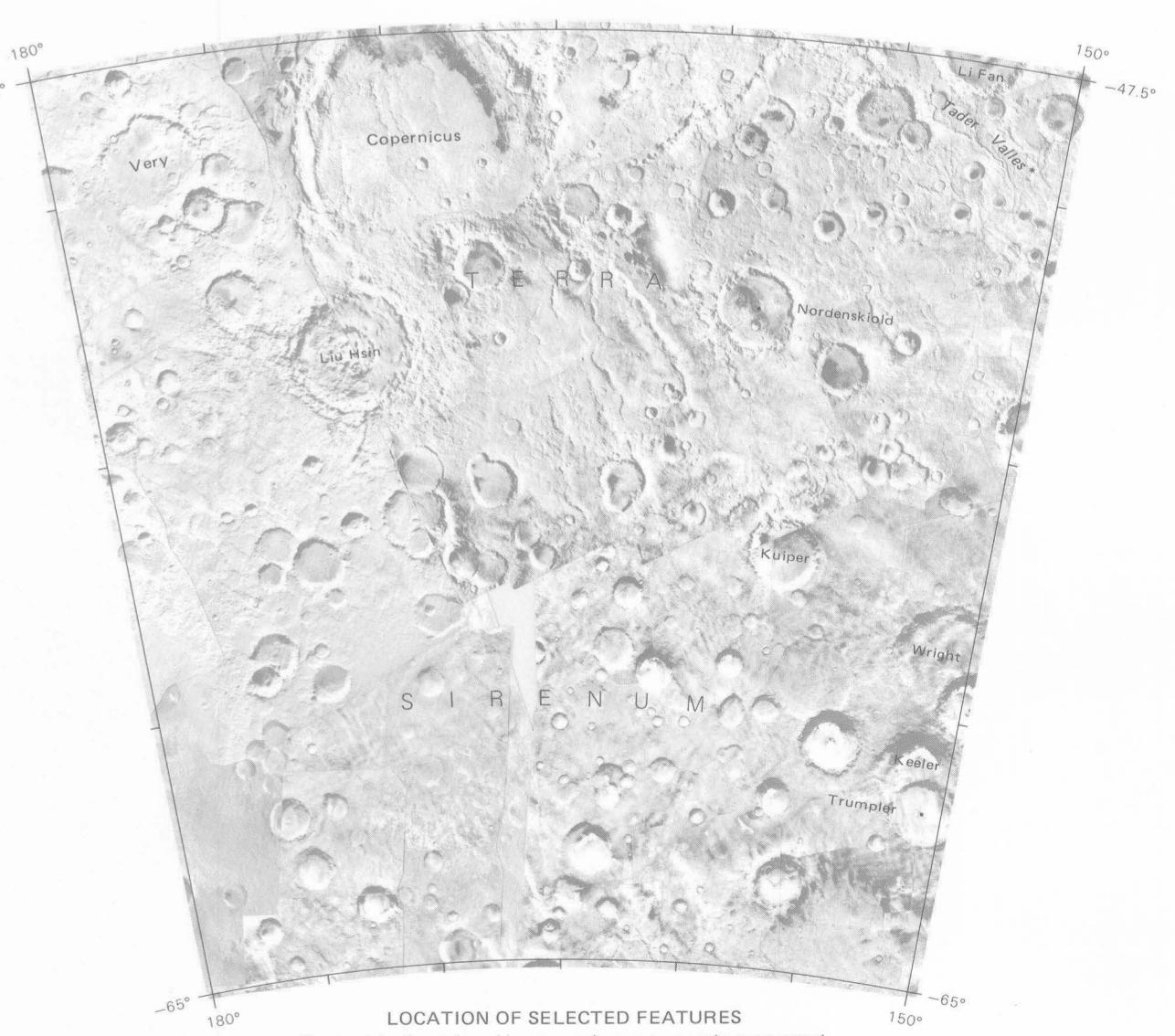
Interior—Geological Survey, Reston, Va.—1985—G85054
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aero-
nautics and Space Administration, under contract W-14,575



NOTE TO USERS
Users noting errors or omissions are asked to indicate them
on the map and to forward it to U.S. Geological Survey,
Building 4, Room 454, 2235 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. Coverage at comparable resolution was not available
in other quadrangles. Copies of various enhancements of
these pictures are available from National Space Science Data
Center, Code 801, Goddard Space Flight Center, Greenbelt,
MD 20771.



LOCATION OF SELECTED FEATURES
Contrast in the reduced base mosaic was purposely suppressed
to highlight specific features. Provisional names are indicated
by an asterisk, pending approval by the International
Astronomical Union.

INDEX OF PUBLISHED PHOTOMOSAICS

Quadrangle availability is indicated by an "I" series number.

CONTROLLED PHOTOMOSAIC OF THE PHAETHONTIS SOUTHWEST QUADRANGLE OF MARS

M 2M - 56/165 CM

MC-24 SW

1985