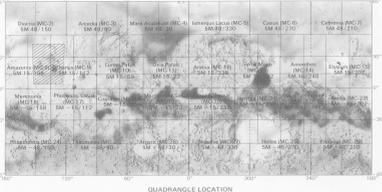
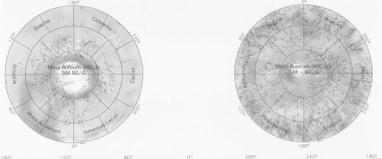


SCALE 1:2,000,000 (1 inch = 2,038.463 METERS) AT 132° WEST LONGITUDE
TRANSVERSE MERCATOR PROJECTION



Interior - Geological Survey, Reston, Va. - 1981 - 081208
Prepared on behalf of the Planetary Geology Program,
Planetary Division, Office of Space Science, National
Aeronautics and Space Administration under contract
W-1379



QUADRANGLE LOCATION

NOTE TO USERS
Users holding errors or omissions are urged to indicate them
on the map and to forward it to U. S. Geological Survey,
Building 4, Room 46, 2215 North Central Expressway, Flagstaff,
Arizona 86001. A replacement copy will be returned.

This special photomosaic has been compiled as a base for geologic mapping of a selected area of Mars. The base is a set of Viking Orbiter image mosaics specifically for scientific global mapping. Image resolution is 130 to 300 meters per picture element. The average scan direction angle is 90° from north-south axis. The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to maximize high-frequency detail. Image placement was based on the 1978 control net (Orson, M. E., and others, 1978, Control net of Mars, February 1978, The Rand Corp. R0230-MA3A-1). At least 46 percent of the image control points lie within 0.5 km (1 km) of their published locations.



INDEX TO VIKING PICTURES

The mosaic was made with the Viking pictures outlined above. Copies of separate enhancements of these pictures are available from National Space Science Data Center, Code 901, Goddard Space Flight Center, Greenbelt, MD 20771.



LOCATION OF SELECTED FEATURES

Correlation in the reduced base mosaic was purposely suppressed to emphasize reference.

CONTROLLED PHOTOMOSAIC OF THE OLYMPUS MONS REGION OF MARS
M 2M 22/138 CM