

NOTES ON BASE
This is one photographic mosaic of the Chryse region of Mars. The mosaic consists of 100 photographs taken by the Mars Orbiter Camera (MOC) on the Mars Orbiter (MO) in 1971. The mosaic is a composite of 100 photographs taken by the Mars Orbiter Camera (MOC) on the Mars Orbiter (MO) in 1971. The mosaic is a composite of 100 photographs taken by the Mars Orbiter Camera (MOC) on the Mars Orbiter (MO) in 1971.

ADOPTED FIGURE
The figure of Mars used for the computation of the map projection is an oblate spheroid (ellipsoid) of 11421 with an equatorial radius of 3393.4 km and a polar radius of 3319.7 km.

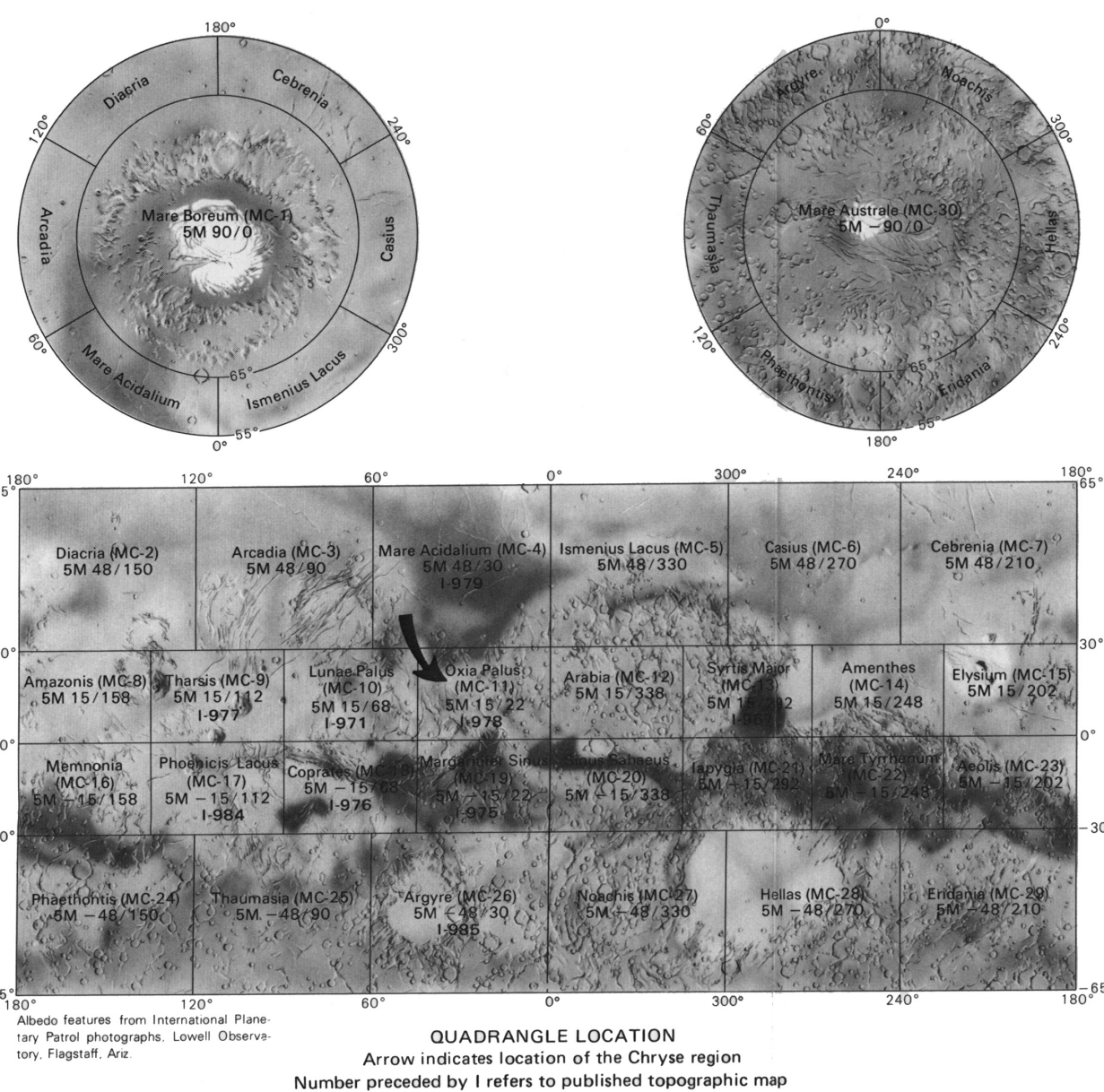
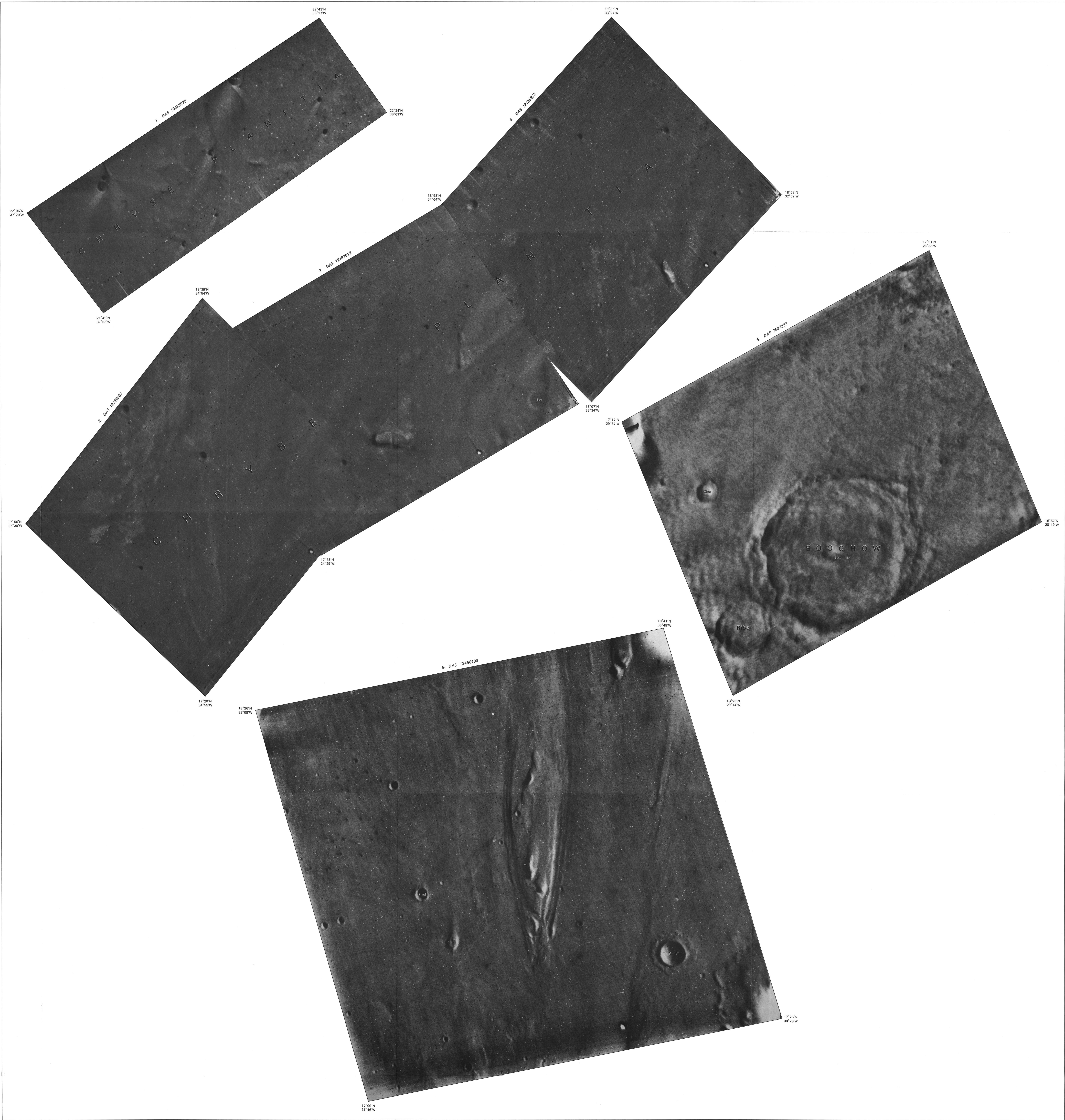
PROJECTION
The Transverse Mercator projection is used for this map, with a scale of 1:250,000. Longitude increases to the west in accordance with usage of the International Astronomical Union (IAU) (1971). Latitudes are areographic (de Vries and others, 1973).

CONTROL
Photometric control is provided by photogrammetric triangulation using Mariner 9 pictures (Dixon, 1973; Duxon and Arthur, 1973) and the radio tracking position of the spacecraft. The first ground station through the center of the Mars is 1.9° N, 107° W. The center of the Mars is 1.9° N, 107° W. The center of the Mars is 1.9° N, 107° W. The center of the Mars is 1.9° N, 107° W.

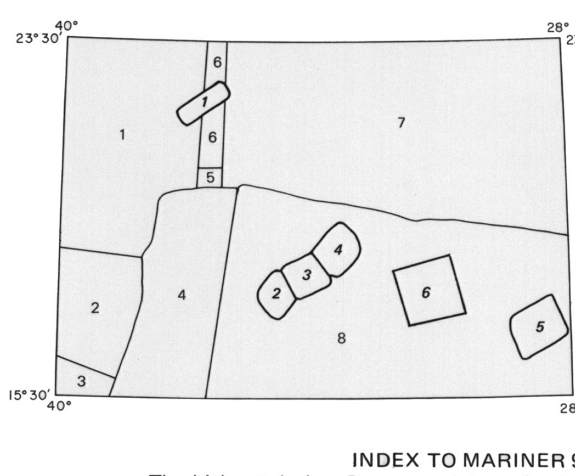
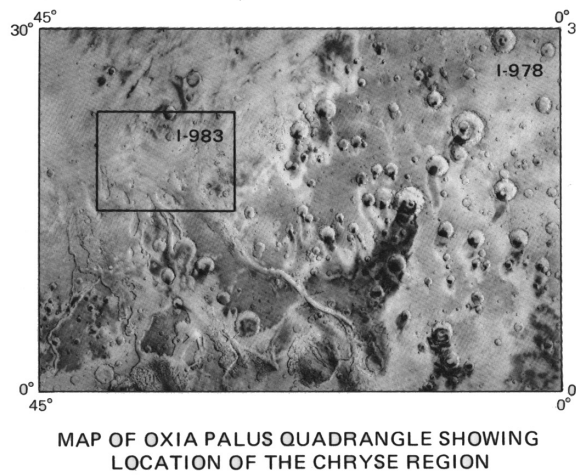
IMAGE PROCESSING
Digital image processing, performed by the Jet Propulsion Laboratory, California Institute of Technology, included contrast enhancement and "high-pass filtration," which accentuates small details in the image and reduces broad variations in tone.

NOMENCLATURE
Names on this sheet are approved (IAU, 1974). Names on this sheet are approved (IAU, 1974). Names on this sheet are approved (IAU, 1974). Names on this sheet are approved (IAU, 1974). Names on this sheet are approved (IAU, 1974).

REFERENCES
Baker, R. M., 1973, Cartographic products from the Mariner 9 mission, Jour. Geophys. Research, v. 78, no. 26, p. 4824-4831.
Dixon, M. E., 1973, Mariner 9: Primary control and photogrammetry, Jour. Geophys. Research, v. 78, no. 26, p. 4832-4839.
Dixon, M. E., and Arthur, R. W., 1973, Mariner 9 surface coordinates, Jour. Geophys. Research, v. 78, no. 26, p. 4840-4849.
International Astronomical Union, Commission 16, 1973, Physical study of planets and satellites, in: Proc. 15th General Assembly, 1973, Internat. Astron. Union Trans., v. 20, p. 140-148.
Mars, 1973, Physical study of planets and satellites, in: Proc. 15th General Assembly, 1973, Internat. Astron. Union Trans., v. 20, p. 140-148.
Mars, 1973, Physical study of planets and satellites, in: Proc. 15th General Assembly, 1973, Internat. Astron. Union Trans., v. 20, p. 140-148.



**HIGH RESOLUTION MARINER 9 PICTURES IN THE CHRYSE REGION OF MARS
(VICINITY OF THE VIKING MARS 1975, SPACE CRAFT 1 LANDING SITE)
M 250K 20/34 CM
1976**



INDEX TO MARINER 9 PICTURES
The high-resolution camera pictures in the Chryse region are shown above in their proper position (superimposed on the Acacia pictures used to control the positioning of features on map M 250K 20/34 CM, 1976).

Interior - Geological Survey, Reston, VA - 1976 - G-76148
Prepared on behalf of the Viking Project Office, National Aeronautics and Space Administration under contract NAS-16-0212

Acacia picture	High-resolution camera picture
1000-101	1000-101
1000-102	1000-102
1000-103	1000-103
1000-104	1000-104
1000-105	1000-105
1000-106	1000-106
1000-107	1000-107
1000-108	1000-108
1000-109	1000-109
1000-110	1000-110