

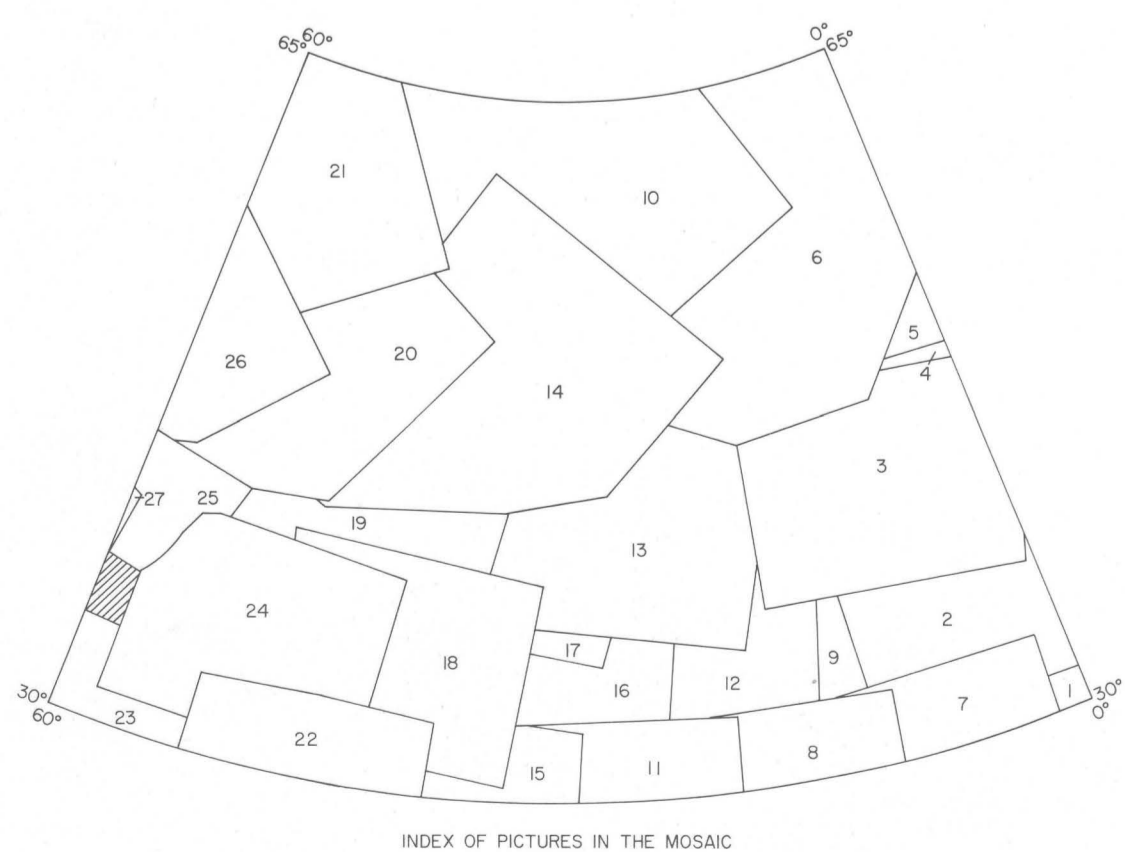
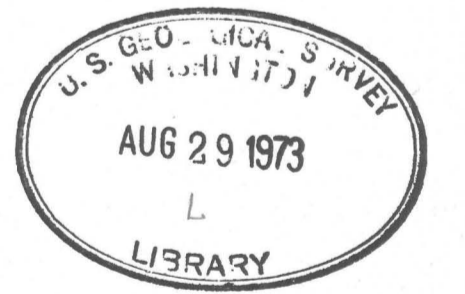
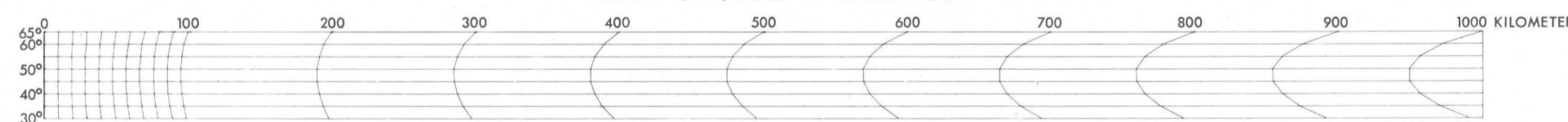


This mosaic is made with computer enhanced Mariner 9 pictures, rectified and scaled to a Lambert conformal projection. Computer processing was performed by the Image Processing Laboratory (IPL) of the Jet Propulsion Laboratory (JPL). Processing included contrast enhancement and high-pass filtering which accentuates topographic features while subduing albedo variations. Photographic reproductions of the images were generated from the IPL digital magnetic tapes and mosaicked by the U.S. Geological Survey.

Relative horizontal placement of pictures is controlled by spacecraft tracking data, with adjustment to fit the Mariner 9 control net of August, 1972 where possible. Individual analytical adjustment of pictures was not performed. Standard deviation of image placement discrepancy is less than 5 km. The projection is based on a theoretical dynamical ellipticity of 1/192. The scale is based on an equatorial radius of 3393.4 km.

Prepared under JPL contract W0-8122
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LAMBERT CONFORMAL PROJECTION
SCALE 1:4,336,000 AT 30° N. LATITUDE

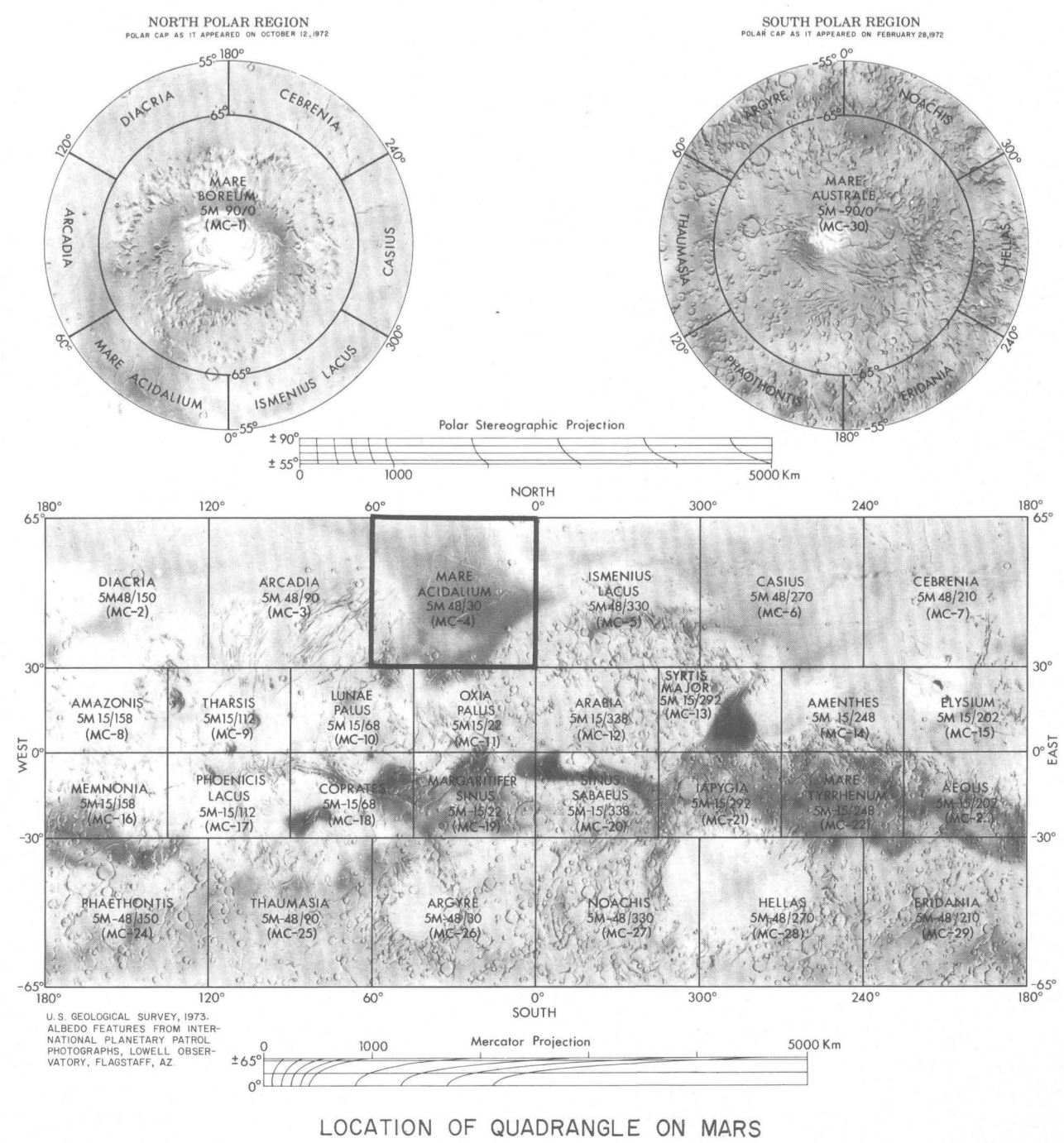


IDENTIFICATION NUMBERS OF PICTURES IN THE MOSAIC

Index No.	DAS No.	Index No.	DAS No.
1	9306119	15	9018559
2	9234369	16	9018699
3	9162619	17	12188372
4	9234509	18	8946809
5	12363891	19	8875059
6	12188792	20	12012564
7	9234229	21	11835966
8	9162339	22	8946669
9	9162479	23	8874779
10	12012984	24	8874919
11	9090449	25	8731139
12	9090589	26	11835706
13	8946949	27	8802959
14	12012704		

MARE ACIDALIUM
MC-4
M 5M 48/30 SM
SEMICONTROLLED PHOTOMOSAIC
FEBRUARY 1973

U. S. Geological Survey
OPEN FILE REPORT
This report is preliminary and has
not been edited or reviewed for
conformity with Geological Survey
standards or specifications.



Mars (Acidaliuquadr.) Photomosaic. 1:4,336,000 - 1973.
cop. 1

M(200)
R290
no. 73-328
c. 1