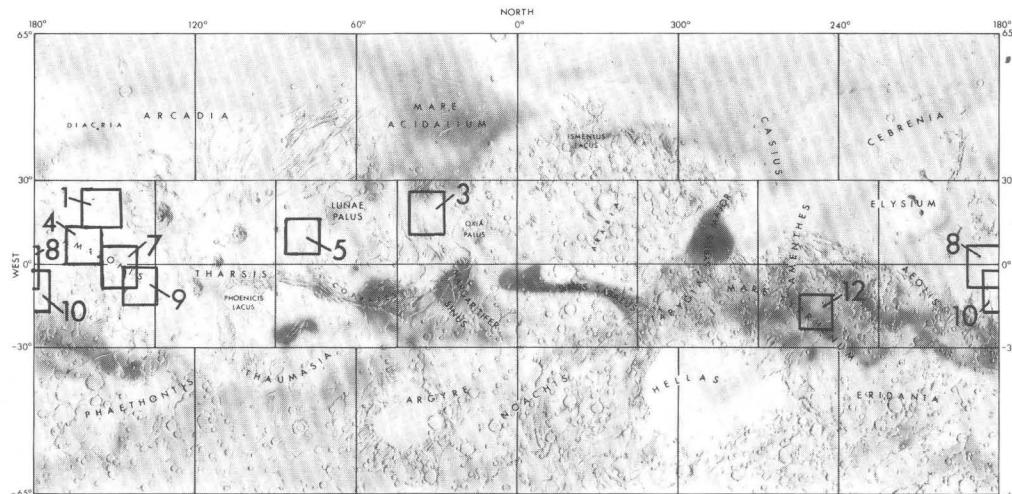


This semicontrolled mosaic is made with computer enhanced Mariner 9 pictures, transformed to a Mercator projection. Frames were individually scaled for a best fit to the Transverse Mercator projection. Computer processing was performed by the Image Processing Laboratory (IPL) of the Jet Propulsion Laboratory (JPL), California Institute of Technology. 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.

Horizontal placement of pictures is controlled by Mariner 9 tracking data, and may differ from the newly defined martian coordinate system by as much as 60 km.



LOCATIONS OF PROPOSED VIKING LANDING SITES

AQUAE APOLLINARES REGION
VIKING MARS 1975 LANDING SITE 10
M IM-9/181 SM
SEMICONTROLLED MOSAIC
DECEMBER 1972

Mars (Aquae Apollinares area). Photomosaic. 1:1,000,000. 1972.

cop. 1.

IDENTIFICATION NUMBERS OF PICTURES IN THE MOSAIC	
1	6606773
2	8081533
3	6606943
4	8081603
5	6610733
6	7937969
7	8005918
8	6606913
9	8010963
10	7938038
11	8009783
12	8368784
13	6606903
14	
15	7938383
16	6607333
17	6606970
18	6606948
19	7938248

M(800)
R290
no. 73-315
C.1



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