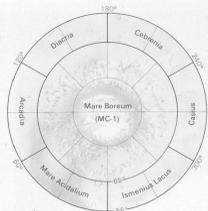
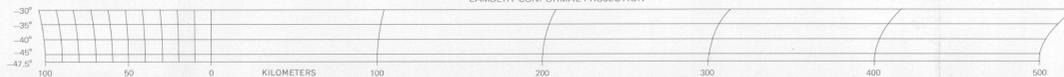


This photomosaic is part of a series of quadrangles made from a special set of Viking Orbiter images acquired specifically for systematic global mapping. Image resolution is 130 to 300 meters per picture element. The average sun elevation angle is 20° (solar zenith angle 70°). The images have been digitally enhanced by the Jet Propulsion Laboratory's Mission and Test Imaging System to accentuate high-frequency detail. Image placement is based on the 1978 control net (Davies, M. E., and others, 1978, Control net of Mars, February 1978, The Rand Corp. R02309-NASA). At least 66 percent of the image control points lie within 0.5 mm (1 km) of their published locations.

Interior—Geological Survey, Reston, Va.—1983—G83304
Prepared on behalf of the Mars Data Analysis Program,
Planetary Division, Office of Space Science, National Aeronautics and Space Administration under contract W-14,575

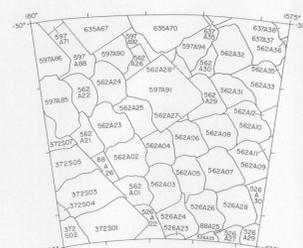
SCALE 1:2,000,000 (1 mm = 2 km) AT -35.83°
LAMBERT CONFORMAL PROJECTION



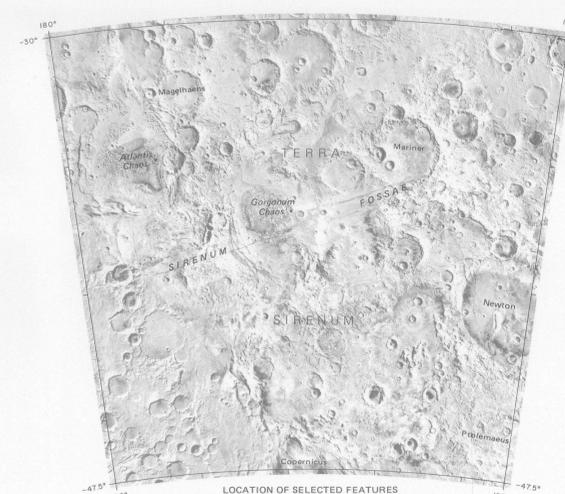
11228 Dacia (MC-2)	11328 Arcadia (MC-3)	11329 Mare Acidulum (MC-4)	11330 Ismenius Lacus (MC-5)	11331 Cetus (MC-6)	11332 Cobernia (MC-7)
11324 11325 11326 11327 11328 11329 11330 11331 11332 11333 11334 11335 11336 11337 11338 11339 11340 11341 11342 11343 11344 11345 11346 11347 11348 11349 11350 11351 11352 11353 11354 11355 11356 11357 11358 11359 11360 11361 11362 11363 11364 11365 11366 11367 11368 11369 11370 11371 11372 11373 11374 11375 11376 11377 11378 11379 11380 11381 11382 11383 11384 11385 11386 11387 11388 11389 11390 11391 11392 11393 11394 11395 11396 11397 11398 11399 11400 11401 11402 11403 11404 11405 11406 11407 11408 11409 11410 11411 11412 11413 11414 11415 11416 11417 11418 11419 11420 11421 11422 11423 11424 11425 11426 11427 11428 11429 11430 11431 11432 11433 11434 11435 11436 11437 11438 11439 11440 11441 11442 11443 11444 11445 11446 11447 11448 11449 11450 11451 11452 11453 11454 11455 11456 11457 11458 11459 11460 11461 11462 11463 11464 11465 11466 11467 11468 11469 11470 11471 11472 11473 11474 11475 11476 11477 11478 11479 11480 11481 11482 11483 11484 11485 11486 11487 11488 11489 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INDEX OF PUBLISHED PHOTOMOSAICS
Quadrangle availability is indicated by an "I" series number

NOTE TO USERS
Users noting errors or omissions are urged to indicate them on the map and to forward it to U.S. Geological Survey, Building 4, Room 454, 2225 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. Copies of various enhancements of these pictures are available from National Space Science Data Center, Code 601, Goddard Space Flight Center, Greenbelt, MD 20771.



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

CONTROLLED PHOTOMOSAIC OF THE PHAETHONTIS NORTHWEST QUADRANGLE OF MARS

M 2M-39/169 CM

MC-24 NW

1983