NASA Technical Memorandum 4395

# Indexes of Maps of the Planets and Satellites 1992

J. L. Inge and R. M. Batson
*National Aeronautics and Space Administration*
*Washington, D.C.*

NASA
National Aeronautics and
Space Administration
Office of Management
Scientific and Technical
Information Program
**1992**

## LIST OF ILLUSTRATIONS


Figure 1. Format for mapping using the Lambert Azimuthal Equal Area projection.
Figure 2. Synoptic format for making planetwide maps on a single sheet.
Figure 3. Subdivision of the synoptic format for making maps on three sheets. The polar maps are printed on the same sheet.
Figure 4. Subdivision of the synoptic format for making maps of Venus on eight sheets.
Figure 5. Format for mapping Mars at 1:5,000,000-scale on 30 sheets.
Figure 6. Format for mapping Mars at 1:2,000,000-scale on 140 sheets.
Figure 7. Format for mapping Mercury-sized bodies such as the Jovian satellites at 1:5,000,000-scale on 15 sheets.
Figure 8. Format for mapping Moon-sized bodies at 1:5,000,000-scale on four sheets.
Figure 9. Format for mapping the Moon at 1:1,000,000-scale on 144 sheets.
Figure 10. Format for mapping Venus at 1:5,000,000-scale on 62 sheets.
Figure 11. Format for mapping Mars at 1:500,000-scale on 1964 sheets.
Figure 12. Index map showing mapped 1:5,000,000-scale quadrangles of Mercury.
Figure 13. Index maps showing boundaries of 1:50,000,000- and 1:15,000,000-scale sheets of Venus.
Figure 14. Index map showing boundaries of 1:5,000,000-scale radar image mosaics published by the U.S.S.R.
Figure 15. Index maps showing boundaries of 1:5,000,000-scale sheets of the Moon.
Figure 16. Index map showing the location of LM and LAC 1:1,000,000-scale lunar nearside sheets.
Figure 17. Index map showing the location of LM and LAC 1:1,000,000-scale lunar farside sheets.
Figure 18. Index map showing the location of AIC 1:500,000-scale sheets.
Figure 19. Index map showing the location of LO 1:250,000-scale sheets.
Figure 20. Index map showing the location of LO 1:250,000-scale sheets.
Figure 21. Index map showing the location of LO 1:250,000-scale sheets.
Figure 22. Index map showing the location of LO 1:250,000-scale sheets.
Figure 23. Index map showing the location of LO 1:250,000-scale farside sheets.
Figure 24. Index map showing the location of LTO 1:250,000-scale sheets.
Figure 25. Index map showing the location of LTO 1:250,000-scale sheets.
Figure 26. Index map showing the location of LTO 1:250,000-scale sheets.
Figure 27. Index map showing the location of LTO 1:250,000-scale sheets.
Figure 28. Index map showing the location of LTO 1:250,000-scale farside sheets.
Figure 29. Index maps showing boundaries of 1:15,000,000-scale sheets of Mars.
Figure 30. Index maps showing the location of 1:5,000,000-scale sheets of Mars.
Figure 31. Index maps showing the location of 1:5,000,000-scale sheets of Mars.
Figure 32. Index maps showing the location of 1:5,000,000-scale sheets of Mars.
Figure 33. Index maps showing the location of 1:2,000,000-scale sheets of Mars.
Figure 34. Index maps showing the location of 1:2,000,000-scale sheets of Mars.
Figure 35. Index maps showing the location of 1:2,000,000-scale sheets of Mars.
Figure 36. Index maps showing the location of 1:2,000,000-scale sheets of Mars.
Figure 37. Index maps showing the location of 1:2,000,000-scale sheets of Mars.
Figure 38. Index map showing the location of 1:500,000-scale sheets of Mars, long 36° to 77°.
Figure 39. Index map showing the location of 1:500,000-scale sheets of Mars, long 67° to 157°.
Figure 40. Index map showing the location of 1:500,000-scale sheets of Mars, long 182° to 302°.
Figure 41. Index map showing the location of 1:500,000-scale sheets of Mars, north polar region.
Figure 42. Index map showing the location of 1:500,000-scale sheets of Mars, south polar region.
Figure 43. Index maps showing the boundaries of 1:5,000,000-scale sheets of Io.
Figure 44. Index maps showing the boundaries of 1:5,000,000-scale sheets of Europa.
Figure 45. Index maps showing the location of 1:5,000,000-scale sheets of Ganymede.
Figure 46. Index maps showing the location of 1:5,000,000-scale sheets of Callisto.
Figure 47. Index maps showing the distribution of imaged features on global maps of Mimas.
Figure 48. Index maps showing the distribution of imaged features on global maps of Enceladus.

## ILLUSTRATIONS (continued)

Figure 49. Index maps showing the distribution of imaged features on global maps of Dione.
Figure 50. Index maps showing the distribution of imaged features on global maps of Tethys.
Figure 51. Index maps showing the distribution of imaged features on global maps of Rhea.
Figure 52. Index maps showing the distribution of imaged features on global maps of Iapetus.
Figure 53. Index map of the southern hemisphere of Miranda showing the distribution of imaged features.
Figure 54. Index map of the southern hemisphere of Ariel showing the distribution of imaged features.
Figure 55. Index map of the southern hemisphere of Umbriel showing the distribution of imaged features.
Figure 56. Index map of the southern hemisphere of Titania showing the distribution of imaged features.
Figure 57. Index map of the southern hemisphere of Oberon showing the distribution of imaged features.
Figure 58. Index maps showing the boundaries of 1:5,000,000-scale sheets of Triton.

## INTRODUCTION

Beginning with the systematic mapping of the lunar surface more than three decades ago, over 1600 maps of the planets and satellites of the Solar System have been produced by the U.S. Geological Survey and by divisions of the Defense Mapping Agency. This collection of maps is a unique resource that has been derived from images and data returned by a series of remarkably successful space missions. Many of the maps have not been replicated or updated with data from new missions, and thus they represent a very special legacy from the beginnings of space exploration. The total map database includes controlled photomosaics, geologic maps, shaded relief portrayals, topographic maps, and panoramas of the martian surface. A digital image map of Mars has recently been released on six CD-ROM optical disks, along with a digital terrain model of Mars on a single disk. The collection has been documented by Schimerman (1975) and by the U.S. Geological Survey (USGS, 1985, 1987, and 1990), but the documentation is poorly distributed and incomplete. These indexes have therefore been compiled to provide a comprehensive listing of all published maps.

Most lunar mapping was done by the U.S. Air Force Aeronautical Chart and Information Center (ACIC), which later became the Defense Mapping Agency Aerospace Center (DMAAC), and by the Army Map Service (AMS), which later became the Defense Mapping Agency Topographic Command (DMATC). The USGS compiled most others. The government agencies and private corporations that made maps have different map distribution facilities, and therefore it is not possible to maintain a central repository of all lunar and planetary maps. Many of the maps are out of print, as are all but one of the globes. Nevertheless, the indexes should be a valuable resource for students of the planets and an important starting point for the acquisition of cartographic data.

The listings begin with maps of Mercury and proceed outward in the Solar System to Neptune's satellite, Triton. Within each planet or satellite category, listings are separated into different scales and series, such as 1:2,000,000-scale controlled photomosaics or 1:5,000,000-scale contour maps; a graphic presentation of the smaller scale sheets is shown on an index map of the related primary. Additional information about each map's location, year of publication, availability, and publishing agency is also included. Finally, the listings have been sorted by other parameters, such as the type of map or map scale, to facilitate searches for hard-to-find maps.

The authors have attempted to ensure that these indexes are complete and comprehensive as of the date of publication. Users noting errors are encouraged to submit their findings to us. Suggestions regarding the parameters used for sorting the lists or additions to the lists are also requested.

## TABLE OF CONTENTS


List of illustrations i

Introduction iii

1.0 Index headings 1
- 1.1 Map formats 3
- 1.2 Scale factors 6
- 1.3 Map series 9
- 1.4 References 12

2.0 Mercury 13

3.0 Venus 17

4.0 Moon
- Small-scale lunar maps 23
- 1:1,000,000 maps 27
- 1:500,000 maps 31
- 1:250,000 maps 32
- 1:250,000 ORB mosaics 33
- 1:250,000 orthophotomosaics 34
- 1:250,000 topographic orthophotomosaics 44
- 1:100,000 maps 54
- 1:50,000 maps 55
- 1:25,000 maps 58
- Large-scale maps 59

5.0 Mars
- Small scale maps 62
- 1:5,000,000 maps 64
- 1:5,000,000 geologic maps 66
- 1:2,000,000 geologic maps 70
- 1:2,000,000 controlled photomosaics 70
- 1:2,000,000 topographic maps 78
- 1:1,000,000 albedo, shaded relief, geologic and controlled photomosaics 81
- 1:500,000 geologic and controlled photomosaics 82
- Large-scale maps, panoramas 90
- Digital maps on CD-ROM 90

6.0 Jovian satellites
- Maps of Io 93
- Maps of Europa 95
- Maps of Ganymede 97
- Maps of Callisto 99

## CONTENTS (continued)


7.0 Saturnian satellites
- Maps of Mimas 102
- Maps of Enceladus 103
- Maps of Tethys 104
- Maps of Dione 105
- Maps of Rhea 106
- Maps of Iapetus 107

8.0 Uranian satellites
- Maps of Miranda 110
- Maps of Ariel 111
- Maps of Umbriel 112
- Maps of Titania 113
- Maps of Oberon 114

9.0 Neptunian satellites
- Maps of Triton 117

10.0 Appendix I: General list of all maps 119

11.0 Appendix II: List of I-maps 149

12.0 Appendix III: List of geologic maps 165

13.0 Appendix IV: List of airbrush maps 169

14.0 Appendix V: List of topographic maps 177

15.0 Appendix VI: List of digital maps on CD-ROM 179

## 1.0 INDEX HEADINGS

Within each planetary system, maps have been categorized according to version. Photomosaics, shaded relief maps, geologic maps, and contour maps are segregated in order to avoid confusion of one kind of map with another. Within each category, the scale, region, center latitude and longitude, type, year, availability and publication I-number or publishing agency are shown. The headings that follow were used in the listings.

**SCALE:** Maps are listed in order of increasing scale. Scale notations are abbreviated (e.g., 1:25,000,000 is abbreviated as "25M").

**MAP NUMBER:** Where applicable, numbers are shown designating regions or quadrangles (e.g., Jg-7, MC-13, or LAC-76) in systematic map series. Letters in the designator identify the object mapped and, in the case of DMA (Defense Mapping Agency) lunar maps, are usually acronyms of map descriptions. For example, Jg indicates the system primary (Jupiter) in upper case, and the satellite (Ganymede) in lower case. Other identifiers are as follows:

H -- Mercury (for "Hermes"; M was already being used for Mars when this was assigned)

V -- Venus

L -- Moon (for "Luna")

M -- Mars
- Mp -- Phobos
- Md -- Deimos

J -- Jupiter
- Ji -- Io
- Je -- Europa
- Jg -- Ganymede
- Jc -- Callisto

S -- Saturn
- Sm -- Mimas
- Se -- Enceladus
- St -- Tethys
- Sd -- Dione
- Sr -- Rhea
- Si -- Iapetus

U -- Uranus
- Um -- Miranda
- Ua -- Ariel
- Uu -- Umbriel
- Ut -- Titania
- Uo -- Oberon

N -- Neptune
- Nt -- Triton

Small-scale maps, special area compilations, and other unique maps do not carry these designations.

**DMA NUMBERS:** Many variations of lunar map designators exist. A partial designator list is given below. A more detailed description of these maps is contained in the review of each map series.

- AIC - Apollo Intermediate Chart
- LAC - Lunar Astronautical Chart
- LEMC- Lunar Equatorial Zone Mosaics
- LO - Lunar Orthophotomap
- LOC - Lunar Planning Chart
- LM - Lunar Map (based upon spacecraft data)
- LMP - Lunar Earthside, Farside, and Polar Charts
- LTO - Lunar Topographic Orthophotomap
- ORB - Lunar Orbiter Photomap or Relief Map
- RLC - Ranger Lunar Chart

**REGIONAL NAME:** This column contains abbreviations of map titles. Some blocks of 1:500,000-scale controlled photomosaics of Mars are listed under a single regional name. The edition or a description of the type of map is added to a sheet's name where appropriate. The word "contours" appended to the name heading indicates that the published map shows topographic contour data primarily, although feature nomenclature may be included. "Topo" is added to titles of maps that include shaded relief features, surface markings, contours, and nomenclature. Revised sheets are designated by the word "revised" appended to the sheet's name; USGS revised maps have a numerically higher I-number than that of a previous edition.

**MAP COORDINATES:** Center coordinates, rounded to the nearest degree of latitude and longitude, are given for each listed map. These values, located in the upper right-hand corner of a map sheet, are used as designator codes for most maps published by the USGS. For example, "-15/145" signifies that the map is centered at lat 15° S., long 145°. Coordinate designators are not usually given or shown on global maps.

Lunar maps published by the Defense Mapping Agencies do not have center coordinates as designators; therefore, we have derived the center latitude and longitude coordinates and incorporated them into the listings where feasible. A 0° to 360° longitude system is used for all planets and satellites except the Moon, on which longitudes east or west of the 0° meridian are used (IAU, 1971).

**TYPE:** Planetary and satellite maps published by the USGS have alphabetical terms in the designator code that define the type of map compilation. Definitions of these codes are listed below. Because these codes have evolved over the years, those on early maps are not entirely consistent with those on later ones. This system was not used for lunar maps published by the DMA, but we have added the terms to their entries to facilitate sorting and comparisons of the lists.

AN - Airbrushed rendition combining shaded relief, albedo markings, or other data. Nomenclature is included.
CM - Controlled photomosaic.
CMC - Controlled photomosaic with albedo markings and contour lines (used on older maps).
OM - Orthophotomosaic.
OMT - Orthophotomosaic with nomenclature and contour lines.
R - Shaded relief (usually an airbrush rendition).
RN - Shaded relief with nomenclature.
RMC - Shaded relief with albedo markings and contour lines (used on older maps).
SM - Semi-controlled mosaic.
UM - Uncontrolled photomosaic.
T - Contour lines and nomenclature. As a secondary designator, indicates contours and names overprinted on other base maps.

Secondary codes often follow the primary ones and are found only in combination with the codes listed above.

K - Designator applied to any sheet showing color pictures or color coding.
M - Albedo markings (used on older maps).
N - Nomenclature.

Thus RKT is a relief map with color-coded contour intervals. Similarly, AT indicates that the map is an airbrush rendition of shaded relief, albedo features overprinted with contour lines and feature nomenclature.

Many planetwide maps are designated simply by an edition number followed by a version designator (e.g., "1AN", "2RN" or "3CM").

**YEAR, AVAILABILITY, AND PUBLISHING AGENCY:** The year of publication, the availability, and the publishing agency are the last three items shown in the lists. If the USGS is the publishing agency, the letter designation of the agency is replaced by a three- or four-digit serial number number that is given to all maps published by the USGS in the "Miscellaneous Investigations" series. (The number is normally preceded by the letter "I.") Map packages containing more than one sheet usually indicate different sheets (e.g., "Sheet 1 of 2" or "Sheet 2 of 4") and are indicated by an additional number (e.g., "1/2" or "2/4") after the I series number. If a map package contains several sheets that do not have distinctly different designators, only the total number of sheets is shown (I-1287-5). If a map is unavailable, out of print, or superseded by a revised version, an asterisk is placed by the year of publication. A question mark indicates that the availability of the sheet is unknown. For some maps (e.g., p. 128), only blanks appear in the YR/AVL column.

USGS maps are for sale by U.S. Geological Survey, Branch of Distribution, Box 25286, Federal Center, Denver CO 80225. The I-number is required when ordering.

DMA maps and digital maps on CD-ROM disks may be obtained through Joseph M. Boyce, Discipline Scientist, Planetary Geology and Geophysics Program, Office of Space Science and Applications, National Aeronautics and Space Administration Head quarters, Code SL, Washington, DC 20546.

GUGK indicates the "Glavnoye Uprableniye Geodezii: Kartograffii" (Main Administration of Geodesy: Cartography) of the U.S.S.R.

## 1.1 MAP FORMATS

**PROJECTIONS:** The projections used on most published planetary and satellite map series of the USGS are combinations or variations of Polar Stereographic, Lambert Conformal Conic, and Mercator projections. Mars 1:500,000-scale maps were usually compiled on a Transverse Mercator projection. A small number of special-purpose maps have been prepared on the Lambert Azimuthal Equal-Area and the Oblique Stereographic projections. Maps published by the DMA have used similar projections in addition to gnomonic and orthographic projections.

Digital maps are stored in Sunusoidal equal-area coordinates, and subdivided into "tiles." The tiles for the Digital Mars Map have the same boundaries as those used for the Mars 1:500,000-scale Transverse Mercator series (figure 11).

The divisions of the mapping projections, which distinguish the formats of different map series and their related scale factors were discussed by Batson (1990). Eleven formats used for USGS planetary maps are diagrammed below.

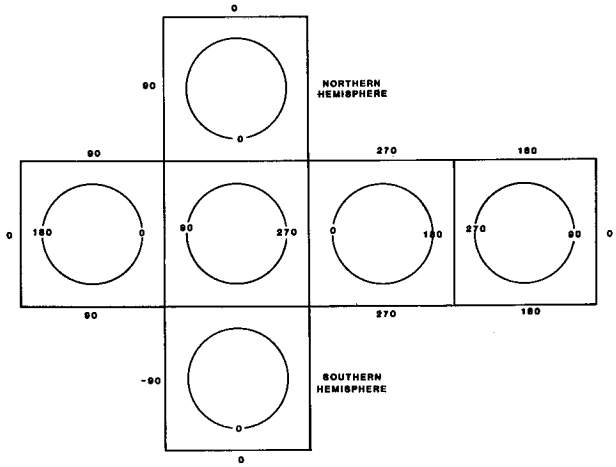



Figure 1. Format for mapping using the Lambert Azimuthal Equal-Area projection.

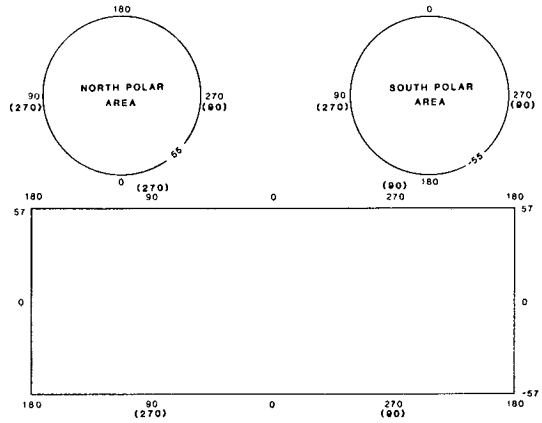



Figure 2. Synoptic format for making planetwide maps on a single sheet.

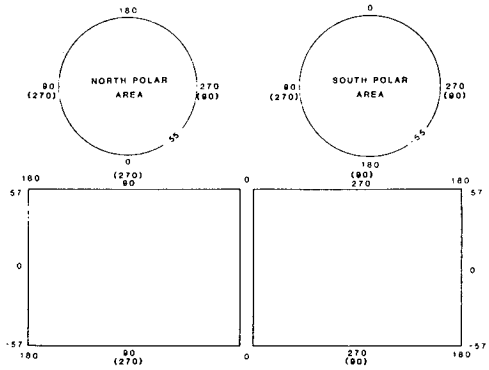



Figure 3. Subdivision of the synoptic format for making maps on three sheets. The polar maps are printed on the same sheet.

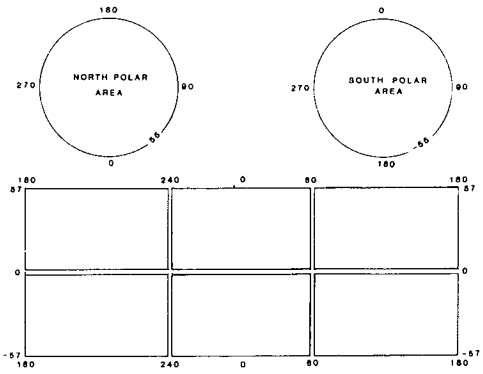



Figure 4. Subdivision of the synoptic format for making maps of Venus on eight sheets.

Figure 5. Format for mapping Mars at 1:5,000,000-scale on 30 sheets.

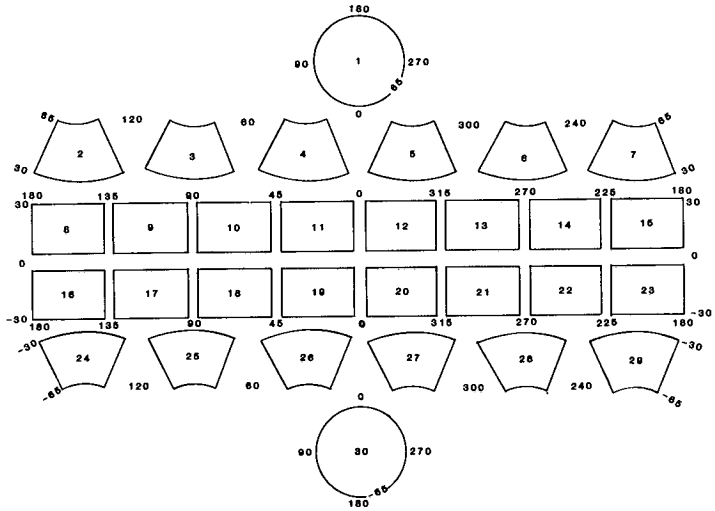


Figure 6. Format for mapping Mars at 1:2,000,000-scale on 140 sheets.

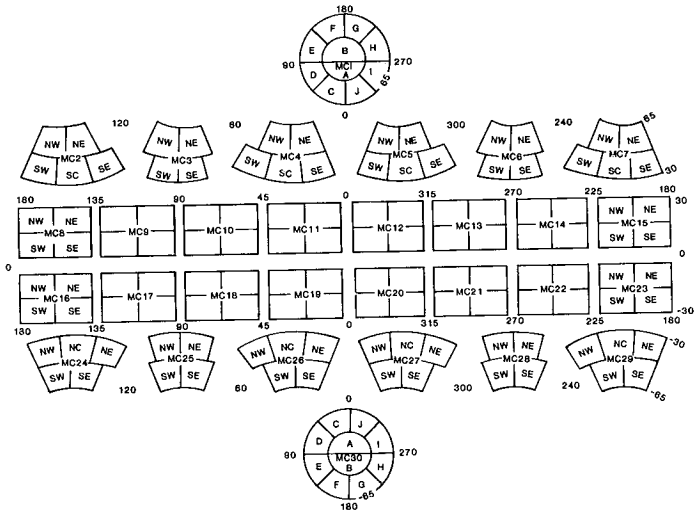
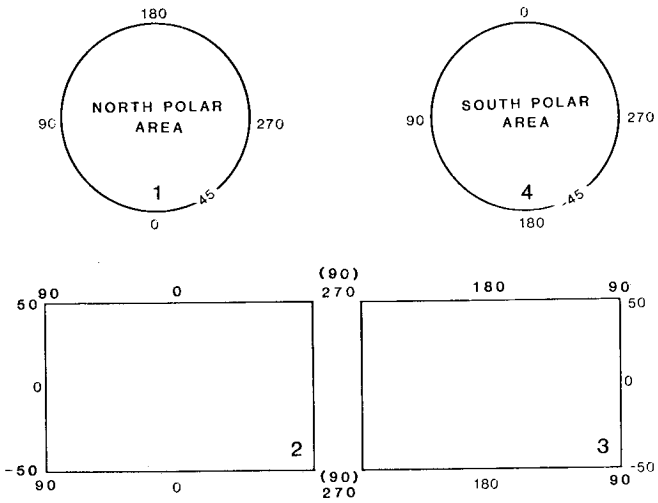


Figure 7. Format for mapping Mercury-sized bodies such as the Jovian satellites at 1:5,000,000-scale on 15 sheets.



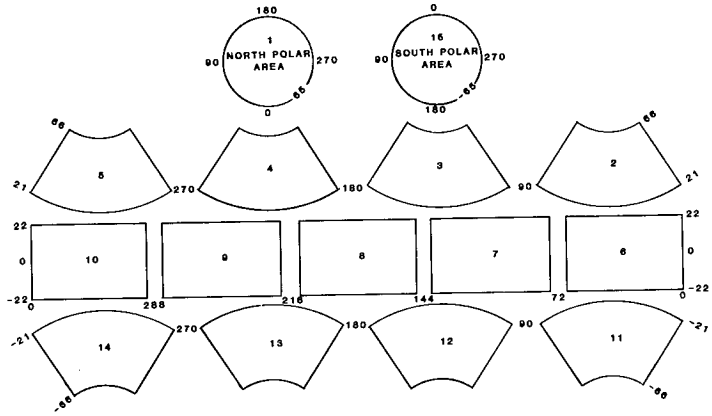




Figure 8. Format for mapping Moon-sized bodies at 1:5,000,000-scale on four sheets.

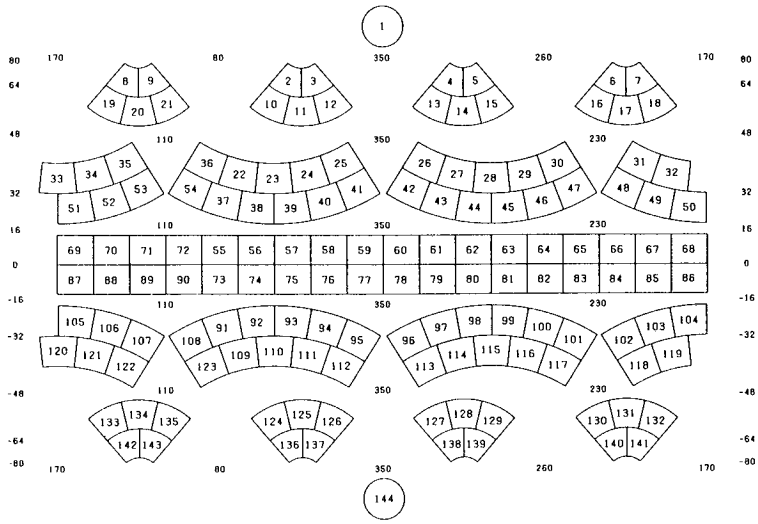


Figure 9. Format for mapping the Moon at 1:1,000,000-scale on 144 sheets.

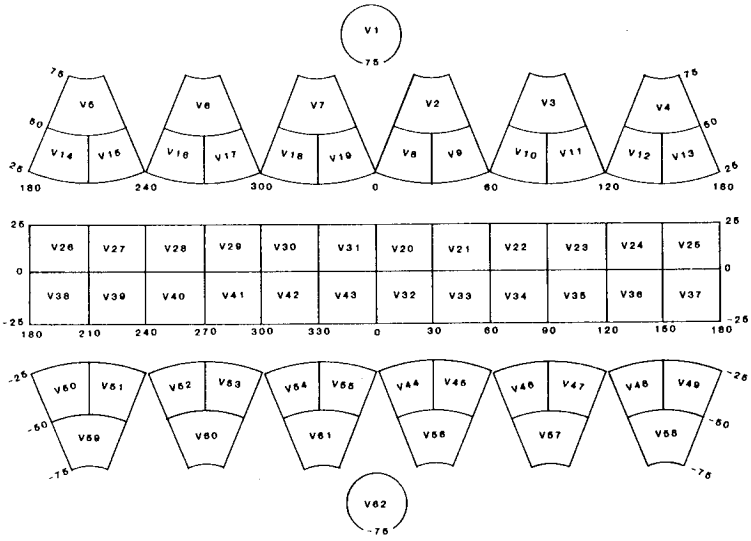


Figure 10. Format for mapping Venus at 1:5,000,000-scale on 62 sheets.

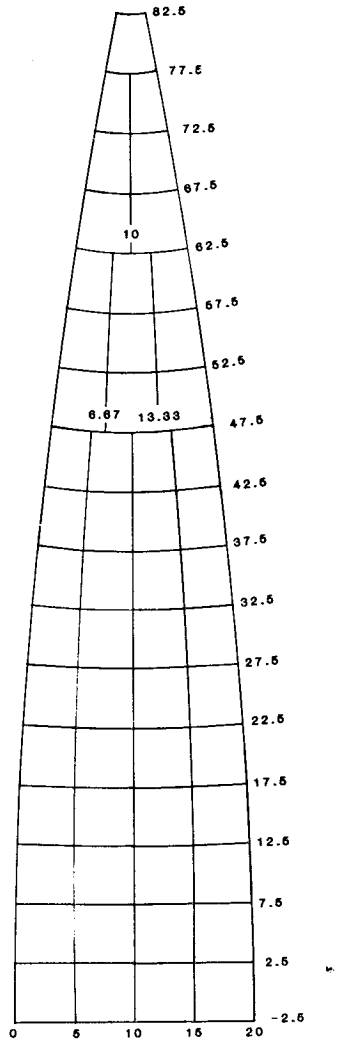


Figure 11. Format for mapping Mars at 1:500,000-scale on 1964 sheets.

## 1.2 SCALE FACTORS

Scale factors used to plot planetary map projections are shown in the following tables.

Table 1. Scale factors for synoptic maps.

| Projection | Latitude | Scale Factor |
|---|---|---|
| Polar Stereographic | 90° | 1.6354 |
| All spherical planets | 56° | 1.7883 |
| Mars only | 90° | 1.8589 |
| | 56° | 1.9922 |
| Mercator | 56° | 1.7883 |
| All spherical planets | Equator | 1.0000 |
| Mars only | 60° | 1.9922 |
| | Equator | 1.0000 |

Table 2. Nominal scales used for mapping the planets in the synoptic format.

| | Number of sheets required | | | | |
|---|---|---|---|---|---|
| | 1:50M | 1:25M | 1:15M | 1:5M | 1:2M |
| Mercury | --- | --- | 1 | --- | --- |
| Venus | 1 | 3 | 8 | --- | --- |
| Moon | --- | --- | --- | 4 | --- |
| Mars | --- | 1 | 3 | --- | --- |
| Io | --- | 1 | 1 | --- | --- |
| Europa | --- | 1 | 1 | --- | --- |
| Ganymede | --- | 1 | 1 | --- | --- |
| Callisto | --- | 1 | 1 | --- | --- |
| Mimas | --- | --- | --- | --- | 1 |
| Enceladus | --- | --- | --- | --- | 1 |
| Tethys | --- | --- | --- | 1 | 1 |
| Dione | --- | --- | --- | 1 | 1 |
| Rhea | --- | --- | --- | 1 | 3 |
| Iapetus | --- | --- | --- | 1 | --- |
| Miranda | --- | --- | --- | --- | 1 |
| Ariel | --- | --- | --- | --- | 1 |
| Umbriel | --- | --- | --- | 1 | --- |
| Titania | --- | --- | --- | 1 | --- |
| Oberon | --- | --- | --- | 1 | --- |
| Triton | --- | 1 | 1 | --- | --- |

Table 3. Scale factors for Mars quadrangles.

| Projection | Latitude | Scale Factor 1:5,000,000 | Scale Factor 1:2,000,000 |
|---|---|---|---|
| Polar Stereographic | 90.00° | 1.1067 | 0.98300 |
| | 65.00° | 1.1611 | 1.0313 |
| Lambert Conformal Conic | 65.00° | 1.1611 | 1.0313 |
| | 59.17° | 1.1259 | 1.0000 |
| | 35.83° | 1.1259 | 1.0000 |
| | 30.00° | 1.1532 | 1.0243 |
| Mercator | 30.00° | 1.1532 | 1.0243 |
| | 27.476° | 1.1256 | 1.0000 |
| | 0.00° | 1.0000 | 0.88819 |

Table 4. Scale factors for mapping Mercury and Ganymede.

| Projection | Latitude | Scale Factor (Mercury 1:5M only) | Revised scale factor |
|---|---|---|---|
| Polar Stereographic | 90.00° | 1.0529 | 1.0000 |
| | 67.50° | 1.0946 | N/A |
| | 65.19° | N/A | 1.0484 |
| Lambert Conformal Conic | 67.50° | 1.0946 | N/A |
| | 65.19° | N/A | 1.0484 |
| | 62.00° | N/A | 1.0000 |
| | 58.00° | 1.0494 | N/A |
| | 30.00° | N/A | 1.0000 |
| | 28.00° | 1.0494 | N/A |
| | 22.50° | 1.0824 | N/A |
| | 21.34° | N/A | 1.0461 |
| Mercator | 22.50° | 1.0824 | N/A |
| | 21.34° | N/A | 1.0461 |
| | 13.00° | N/A | 1.0000 |
| | 0.00° | 1.0000 | 0.9744 |

Table 5. Scale factors for mapping the Moon, Io, Europa, and Triton at 1:5,000,000.

| Projection | Latitude | Scale factor |
|---|---|---|
| Polar Stereographic | 90.00° | 1.0000 |
| | 45.00° | 1.1716 |
| Mercator | 45.00° | 1.1716 |
| | 34.06° | 1.0000 |
| | 0.00° | 0.82839 |

Table 6. Scale factors for lunar 1:1,000,000 quadrangles.

| Projection | Latitude | Scale factor |
|---|---|---|
| Polar Stereographic | 90.00° | 1.0000 |
| | 80.00° | 1.0076 |
| Lambert Conformal Conic | 80.00° | 1.0314 |
| | 74.67° | 1.0000 |
| | 53.33° | 1.0000 |
| | 48.00° | 1.0194 |
| Lambert Conformal Conic | 48.00° | 1.0239 |
| | 42.67° | 1.0000 |
| | 21.33° | 1.0000 |
| | 16.00° | 1.0211 |
| Mercator | 16.00° | 1.0211 |
| | 11.0124° | 1.0000 |
| | 0.00° | 0.9816 |

Table 7. Scale factors for Venus 1:5,000,000 quadrangles

| Projection | Latitude | Scale factor |
|---|---|---|
| Polar Stereographic | 90.00° | 1.0000 |
| | 75.00° | 1.01792 |
| Lambert Conformal Conic | 75.00° | 1.01792 |
| | 73.00° | 1.0000 |
| | 34.00° | 1.0000 |
| | 25.00° | 1.06115 |
| Mercator | 25.00° | 1.06115 |
| | 15.90° | 1.0000 |
| | 0.00° | 0.961725 |

Table 8. Scale factors for the Mars Transverse Mercator (MTM) 1:500,000 series.

| Projection | Latitude | | Scale factor |
|---|---|---|---|
| Polar Stereographic | 90.00° | | 0.9993 |
| | 87.50° | | 1.0000 |
| | 82.50° | | 1.0038 |
| Transverse Mercator | 10.00° | Longitude | 0.9960 |
| | 30.00° | Longitude | 0.9960 |
| | through | | 0.9960 |
| | 350.00° | Longitude | 0.9960 |

## 1.3 MAP SERIES

The kinds of maps and the features of major map series are discussed below for each mapped body. A history of the lunar mapping program was given by Kopal and Carder (1974). Batson and others (1990) discussed the history of planetary mapping.

**MERCURY:** In 1974 Mariner 10 returned the first images of Mercury, which were compiled as a semicontrolled photomosaic. Subsequent flybys resulted in acquisition of image data sufficient to map about 50% of the surface of Mercury. Nine shaded relief maps were prepared as a series at a scale of 1:5,000,000. Some of these were expanded to incorporate parts of adjacent quadrangles that contain insufficient data to justify their publication as separate maps. The mapping was described by Davies and Batson (1975), and the maps and related mosaics were featured in the Atlas of Mercury (Davies and others, 1978). Seven geologic maps have been prepared on these base maps. Additional maps of Mercury include a special shaded relief, 1:5,000,000-scale map of the Caloris basin, prepared as part of a planetary basins series; two planetwide shaded relief maps, one with albedo compilations; and a shaded relief, 1:10,000,000-scale sheet in the Lambert Azimuthal Equal-Area projection.

**VENUS:** The only extensive series of maps of Venus is a set of 27 contoured radar-image mosaics published by the Soviet Union. These maps utilize data returned by the Venera 15 and 16 spacecraft and were compiled at a scale of 1:5,000,000.

Compilations by the USGS include three 1:50,000,000-scale planetwide sheets based on Pioneer Venus data, one with color-coded contour bands superposed over a digital shaded relief base. The other two compilations are planning maps that feature a suppressed-contrast version of the digital shaded relief. One contains contour lines.

In a historic joint effort by the United States and the Soviet Union in 1989, two versions centered over the northern hemisphere of the planet were prepared at a scale of 1:15,000,000. Both sheets are based on Venera and Pioneer Venus data; one shows color-coded contour bands superposed over an airbrush portrayal of the shaded relief while the other presents only the shaded relief. A geomorphic/geologic map on the shaded relief base was prepared by the Soviets and published by the USGS.

**MOON:** Beginning in 1960, the lunar mapping program, under the auspices of ACIC (now DMAAC) and AMS (now DMATC), compiled many shaded relief maps, photo maps, and controlled photomosaics, primarily in support of the Apollo missions. Photo maps published by these agencies are listed here as controlled photomosaics (CM), and topographic photomaps are listed as controlled photomosaics with contours and nomenclature (CMT). Shaded relief maps with contours and names are identified as RT. These designators are used in the index for consistency with listings of USGS maps; they do not appear on the printed maps.

A variety of small-scale shaded relief maps, geologic maps, and photomosaics were made that cover selected lunar regions and the entire lunar surface at scales ranging from 1:2,000,000 to 1:10,000,000. The most recent synoptic compilation is a series of 1:5,000,000-scale maps showing shaded relief and shaded relief with surface markings published by the USGS.

The 1:1,000,000-scale Lunar Astronautical Chart (LAC) series is based almost exclusively on Earth-based pictures and covers only the Lunar nearside. The 44 airbrushed shaded relief and albedo maps in this series show contours (with some exceptions) and nomenclature. The shaded relief map, excluding all other map information, is printed on the reverse side of each of these sheets. All of the nearside geologic maps were compiled by the USGS, based on the LAC series. Nine quadrangles in the LAC series were revised using Lunar Orbiter and Apollo photographs and published in 1976 through 1978. Two new compilations of farside quadrangles are included in this series. All but two of the new nearside maps were compiled by the USGS and published by DMA.

The Apollo Intermediate Chart (AIC) 1:500,000-scale series, limited to the lunar nearside equatorial region, was compiled from Earth-based pictures and additional image data provided by the Lunar Orbiter spacecraft. Twenty shaded relief and albedo maps, including feature elevations and nomenclature, were prepared. The shaded relief is also printed on the reverse side of these sheets, unencumbered by other map data.

Lunar site maps, produced to support study of potential Apollo landing sites, are identified as ORB maps. They cover selected regions of the nearside at scales of 1:100,000 and 1:25,000. Shaded relief maps containing contours and nomenclature and photomaps

are available. Maps of several scientific sites have also been given an ORB designation in these lists. These maps are not part of the original ORB series, although Lunar Orbiter images are used to prepare the maps. The designation was derived from data in the Lunar Cartographic Dossier (Schimerman, 1975) and has been applied solely to assist sorting of the indexes; the sheets are normally identified only by a feature name. The sheets were prepared at scales of 1:250,000 and 1:25,000. Sources for the photomap, topographic photomap, and shaded relief compilations were Lunar Orbiter III and V medium and high resolution images; only the photomaps and shaded relief maps show contours and nomenclature.

An especially large number of maps are available at scales of 1:250,000, 1:50,000, and 1:10,000 as a series called Lunar Topographic Orthophotomaps (LTO) and Lunar Orthophotomaps (LO). Over 250 sheets were compiled in each version from images returned by Apollos 15, 16, and 17. The LTO sheets contain a graticule, contours, and names, while the LO maps display the photomosaic unencumbered by any linework except for border ticks. Several geologic maps have been prepared in the LTO format.

Ranger Lunar Charts (RLC) with scales ranging from 1:1,000,000 to 1:1,000 and Surveyor landing-site maps with scales as large as 1:100 are the largest scale published lunar maps.

**MARS:** Images of Mars have been returned by several spacecraft missions beginning in 1965 with the Mariner 4 flyby of the planet. Subsequent missions by Mariner 6 and 7 provided coverage that allowed compilation of a 1:25,000,000-scale synoptic map by AMS. The successful orbiting of Mars by Mariner 9 in 1971 provided images of sufficient resolution for the compilation of two 1:25,000,000-scale maps: a shaded relief and a topographic map. The Mars Chart (MC) series, 30 shaded relief maps at 1:5,000,000 scale, is supplemented by twenty maps showing shaded relief combined with albedo markings. The series was described by Batson and others (1979). Geologic maps have been prepared by using all 30 MC maps as bases. Several special area maps were also prepared in support of the Mars 4 and 5 Missions of the U.S.S.R. and in support of preliminary landing site selections for the Viking 1 and 2 Missions.

Image data returned by the Viking 1 and 2 orbiters have been used to prepare 1:25,000,000- and 1:15,000,000-scale maps showing shaded relief and shaded relief with albedo. Geologic and topographic maps based on these sheets are also available.

The superior resolution of Viking images has allowed compilation of two major larger scale series: one series of 140 1:2,000,000-scale controlled photomosaics that are subdivisions of the MC format and a second series of more than 126 1:500,000-scale controlled photomosaics on a "Mars Transverse Mercator" or MTM projection system. Each of the 18 Transverse Mercator zones covers 20° of longitude. Maps north and south of lat 72° are on a Polar Stereographic projection. This MTM series contains high resolution Viking Orbiter images that do not provide uniform coverage of the martian surface. Maps in this series are prepared for areas of special scientific interest; thus the areas may not necessarily be contiguous. The 1:2,000,000-scale photomosaics have been used to revise the entire 1:5,000,000-scale MC series of shaded relief maps. Several geologic, topographic, and shaded relief portrayals are also available at a scale of 1:2,000,000.

A digital image map of Mars was made with the images used in the 1:2,000,000 controlled photomosaic series. This map was made by processing Viking Orbiter images in the computer to reduce radiometric and geometric distortions and to form a geodetically controlled Mosaicked Digital Image Model, or MDIM. The MDIM was subdivided into segments, or "tiles," with the same latitude/longitude boundaries as those used on the MTM map series. A digital terrain model (DTM) was compiled by digitizing Mars topographic maps to form a digital array of elevations in a format compatible with the MDIM. These items have been published on CD-ROM optical disks.

Panoramas of the martian horizon as imaged by the Viking 1 and 2 Landers (40 sheets) are available as sets.

**JOVIAN SATELLITES:** Global maps of Io, Europa, Ganymede, and Callisto have been prepared at scales of 1:25,000,000 and 1:15,000,000. Shaded relief portrayals and an intensified natural-color map of Io are available. At a scale of 1:5,000,000, map series showing shaded relief with surface markings have been prepared for all satellites except Callisto, for which a series of controlled photomosaics is available. Selected regions of Io have been mosaicked at larger scales. Some geologic compilations are available at 1:5,000,000 scale for Io and Ganymede. Jovian satellite cartography was described by Batson and others (1980). Details of the Voyager missions to Jupiter were described by, among others, Smith et al. (1979a, 1979b).

**SATURNIAN SATELLITES:** Maps of Mimas, Enceladus, Rhea, Tethys, Dione, and Iapetus are available only as planetwide compilations at scales of 1:2,000,000 to 1:10,000,000. Only a shaded relief map has been made for Mimas. For the others, both controlled photomosaics and shaded relief with surface markings maps are available. A set of six Lambert Equal-Area maps of Rhea were prepared as an adjunct to a Mercator and Polar Stereographic-based controlled photomosaic. The mapping program has been described by Batson and others (1984).

**URANIAN SATELLITES:** A set of three sheets is available showing a controlled photomosaic and a shaded relief portrayal of each of Uranus' satellites. The scale of the maps ranges from 1:2,000,000 to 1:10,000,000. All maps are based on Polar Stereographic projections. Details of the Voyager 2 mission to Uranus were given by Smith et al. (1986).

**NEPTUNIAN SATELLITES:** Only three maps have been prepared of Triton: one shaded relief rendition at 1:15,000,000 scale and a shaded relief map and a controlled photomosaic at 1:5,000,000-scale. The controlled photomosaic shows intensified natural color. The Voyager 2 mission to Neptune was described by Smith et al. (1989).

## 1.4 REFERENCES


Batson, R.M., 1990, Appendix I: Map formats and projections used in planetary cartography, *in* Greeley, Ronald, and Batson, R.M., eds., Planetary mapping: Cambridge, Cambridge University Press, p. 261-276.

Batson, R.M., Bridges, P.M., and Inge, J.L., 1979, Atlas of Mars: The 1:5,000,000 map series: National Aeronautics and Space Administration Special Publication 438, 146 p.

Batson, R.M., Bridges, P.M., Inge, J.L., Isbell, Christopher, Masursky, Harold, Strobell, M.E., and Tyner, R.L., 1980, Mapping the Galilean satellites of Jupiter with Voyager data: Photogrammetric Engineering and Remote Sensing, v. 46, no. 10, p. 1303-1312.

Batson, R.M., Lee, E.M., Mullins, K.F., Skiff, B.A., Bridges, P.M., Inge, J.L., Masursky, Harold, and Strobell, M.E., 1984, Voyager 1 and 2 atlas of six Saturnian satellites: National Aeronautics and Space Administration Special Publication 474, 175 p.

Batson, R.M., Whitaker, E.A., and Wilhelms, D.E., 1990, History, *in* Greeley, Ronald, and Batson, R.M., eds., 1990, Planetary mapping: Cambridge, Cambridge University Press, p. 12-59.

Davies, M.E. and Batson, R.M., 1975, Surface coordinates and cartography of Mercury: Journal of Geophysical Research, v. 80, no. 17, p. 2417-2430.

Davies, M.E., Dwornik, S.E., Gault, D.E., and Strom, R.G., 1978, Atlas of Mercury: National Aeronautics and Space Administration Special Publication 423, 128 p.

International Astronomical Union, 1971, Commission 16, Physical study of planets and satellites, *in* Proceedings of the 14th General Assembly, Brighton, 1970: Transactions of the International Astronomical Union, v. 14B, p. 128-137.

Kopal, Zdenek and Carder, R.W., 1974, Mapping the Moon: Dordrecht, Boston, D. Reidel, 199 p.

Schimerman, L.A., ed., 1975, Lunar cartographic dossier: St. Louis, Defense Mapping Agency, Aerospace Center, 346 p.

Smith, B.A., and 21 others, 1979a, The Jupiter system through the eyes of Voyager 1: Science, v. 204, no. 4396, p. 951-972.

Smith, B.A., and 21 others, 1979b, The Galilean satellites and Jupiter: Voyager 2 imaging science results: Science, v. 206, no. 4421, p. 927-950.

Smith, B.A., and 39 others, 1986, Voyager 2 in the Uranian system: Imaging science results: Science, v. 233, no. 4759, p. 43-64.

Smith, B.A., and 64 others, 1989, Voyager 2 at Neptune: Imaging science results: Science, v. 246, no. 4936, p. 1422-1449.

U.S. Geological Survey, 1985, Indexes of Mars topographic maps published by the U.S. Geological Survey, June 1, 1985: U.S. Geological Survey Miscellaneous Investigations Series sheet I-1766.

_____ 1987, Indexes of Mars topographic maps published by the U.S. Geological Survey, June 1, 1987: U.S. Geological Survey Miscellaneous Investigations Series sheet I-1855.

_____ 1990, Indexes of Mars topographic maps published by the U.S. Geological Survey, June 1, 1990: U.S. Geological Survey Miscellaneous Investigations Series sheet I-2178.

# 2.0 MERCURY

# MERCURY

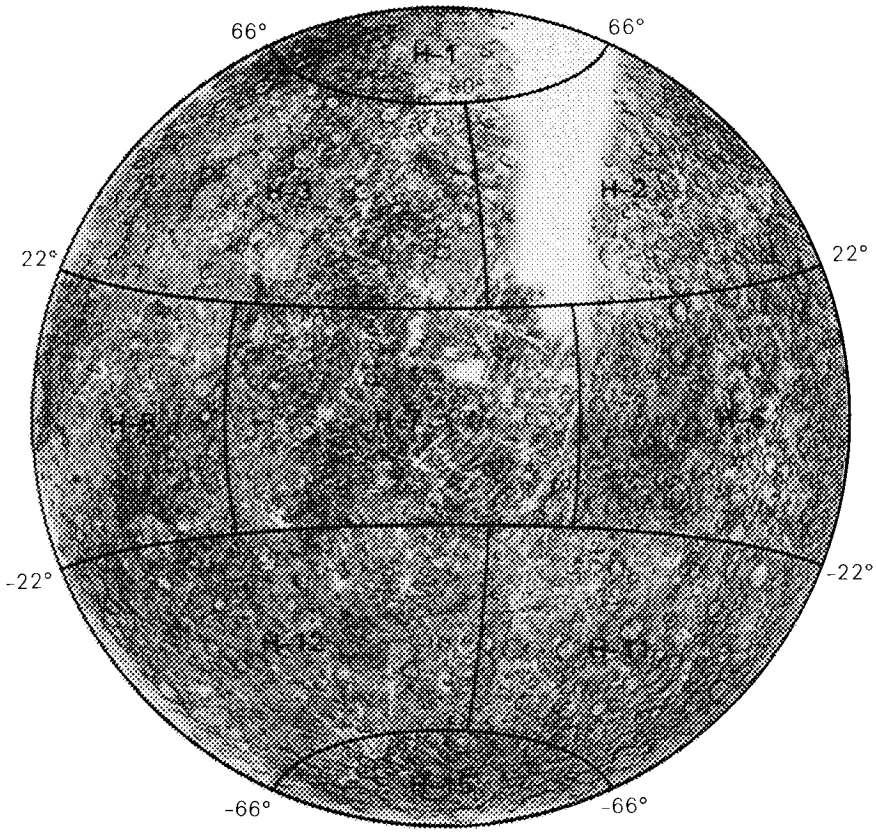



Figure 12. Index map showing mapped 1:5,000,000-scale quadrangles of Mercury.

## MERCURY GLOBE

| SCALE | TITLE /REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 32M | SHADED RELIEF GLOBE | R | 1981 * | USGS |

## 1:15,000,000 GLOBAL MAPS: SHADED RELIEF/TOPO

| SCALE | TITLE /REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 15M | GLOBAL: RELIEF | 1R | 1979 | 1149 |
| 15M | GLOBAL: TOPO | 1RM | 1979 | 1171 |

# MERCURY

## 1:10,000,000 GLOBAL MAPS: SHADED RELIEF/PHOTOMOSAIC

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 10M | GLOBAL: MOSAIC | 1SM | 1974 | 903 |
| 10M | GLOBAL: LAMBERT AZIMUTHAL EQUAL-AREA | AN | 1987 | 1822 |

## 1:5,000,000 SHADED RELIEF

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | | CALORIS BASIN | 30 | 149 | R | 1979 | 1172 |
| 5M | H- 1 | BOREALIS | 90 | 0 | R | 1977 | 1056 |
| 5M | H- 2 | VICTORIA | 45 | 45 | R | 1977 | 1057 |
| 5M | H- 3/4 | SHAKESPEARE | 45 | 135 | R | 1977 | 1066 |
| 5M | H- 6 | KUIPER | 0 | 36 | R | 1976 | 960 |
| 5M | H- 7 | BEETHOVEN | 0 | 108 | R | 1977 | 1029 |
| 5M | H- 8 | TOHSTOJ | 0 | 180 | R | 1976 | 993 |
| 5M | H-11 | DISCOVERY | -45 | 45 | R | 1977 | 1030 |
| 5M | H-12/13 | MICHELANGELO | -45 | 135 | R | 1977 | 1067 |
| 5M | H-15 | BACH | -90 | 0 | R | 1976 | 959 |

## 1:5,000,000 GEOLOGIC MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | H- 1 | BOREALIS: GEOLOGY | 90 | 0 | G | 1984 | 1660 |
| 5M | H- 2 | VICTORIA: GEOLOGY | 45 | 45 | G | 1983 | 1409 |
| 5M | H- 3 | SHAKESPEARE: GEOLOGY | 45 | 135 | G | 1983 | 1408 |
| 5M | H- 6 | KUIPER: GEOLOGY | 0 | 36 | G | 1981 | 1233 |
| 5M | H- 7 | BEETHOVEN: GEOLOGY | 0 | 108 | G | 1990 | 2048 |
| 5M | H- 8 | TOLSTOJ: GEOLOGY | 0 | 180 | G | 1980 | 1199 |
| 5M | H-11 | DISCOVERY: GEOLOGY | -45 | 45 | G | 1984 | 1658 |
| 5M | H-12 | MICHELANGELO: GEOLOGY | -45 | 135 | G | 1984 | 1659 |
| 5M | H-15 | BACH: GEOLOGY | -90 | 0 | G | 1990 | 2015 |

# MERCURY

# 3.0 VENUS

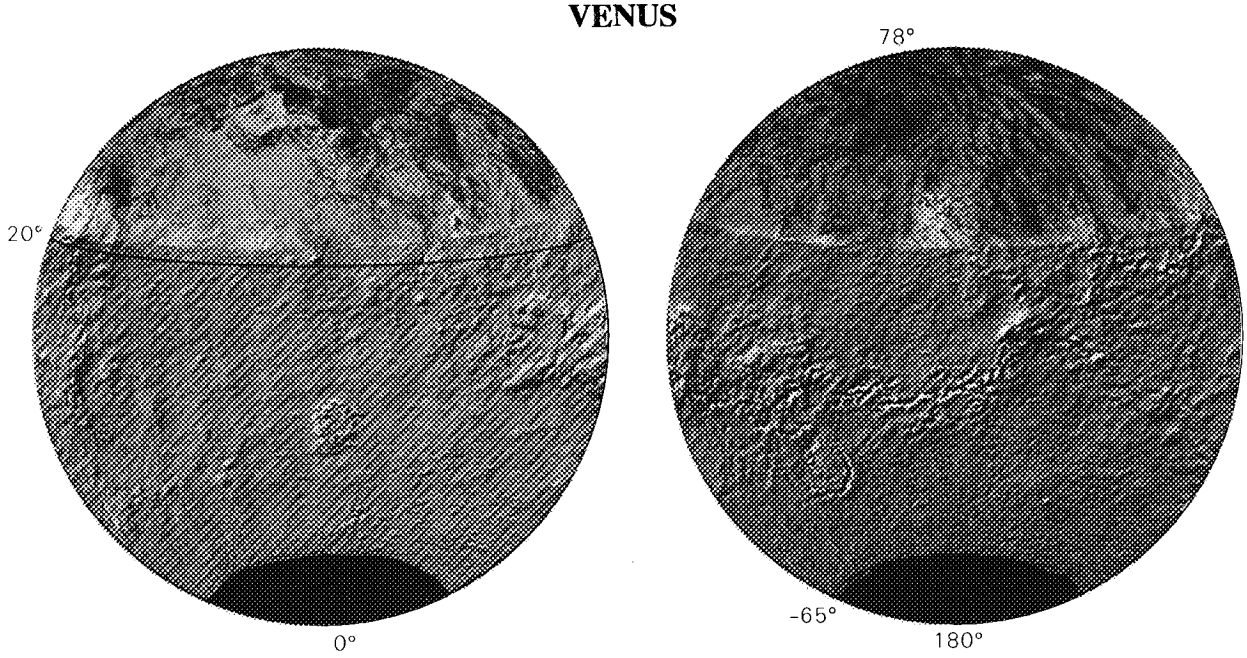



Figure 13. Index maps showing boundaries of 1:50,000,000- and 1:15,000,000-scale sheets of Venus.

## 1:50,000,000 GLOBAL DIGITIZED SHADED RELIEF/CONTOURS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 50M | GLOBAL: RLF/COLOR CONTOURS | 6 | 60 | RKT | 1980 | 1324 |
| 50M | GLOBAL: PLANNING MAP | 6 | 60 | RT | 1984 | 1562-1/2 |
| 50M | GLOBAL: DIG. RELIEF | 6 | 60 | R | 1984 | 1562-2/2 |

## VENUS GLOBE

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 29.8M | DIGITAL RELIEF, COLOR CONTOURS | RKT | 1981 * | USGS |

## 1:15,000,000 MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 15M | NORTHERN HEMISPHERE: RELIEF | 90 | 0 | R | 1989 | 2041-2/3 |
| 15M | NORTHERN HEMISPHERE: GEOLOGY | 90 | 0 | G | 1989 | 2059 |
| 15M | NORTHERN HEMISPHERE: CONTOURS | 90 | 0 | RKT | 1989 | 2041-1/3 |
| 15M | NORTHERN HEMISPHERE: RADAR MOSAIC | 90 | 0 | CM | 1989 | 2041-3/3 |

# VENUS

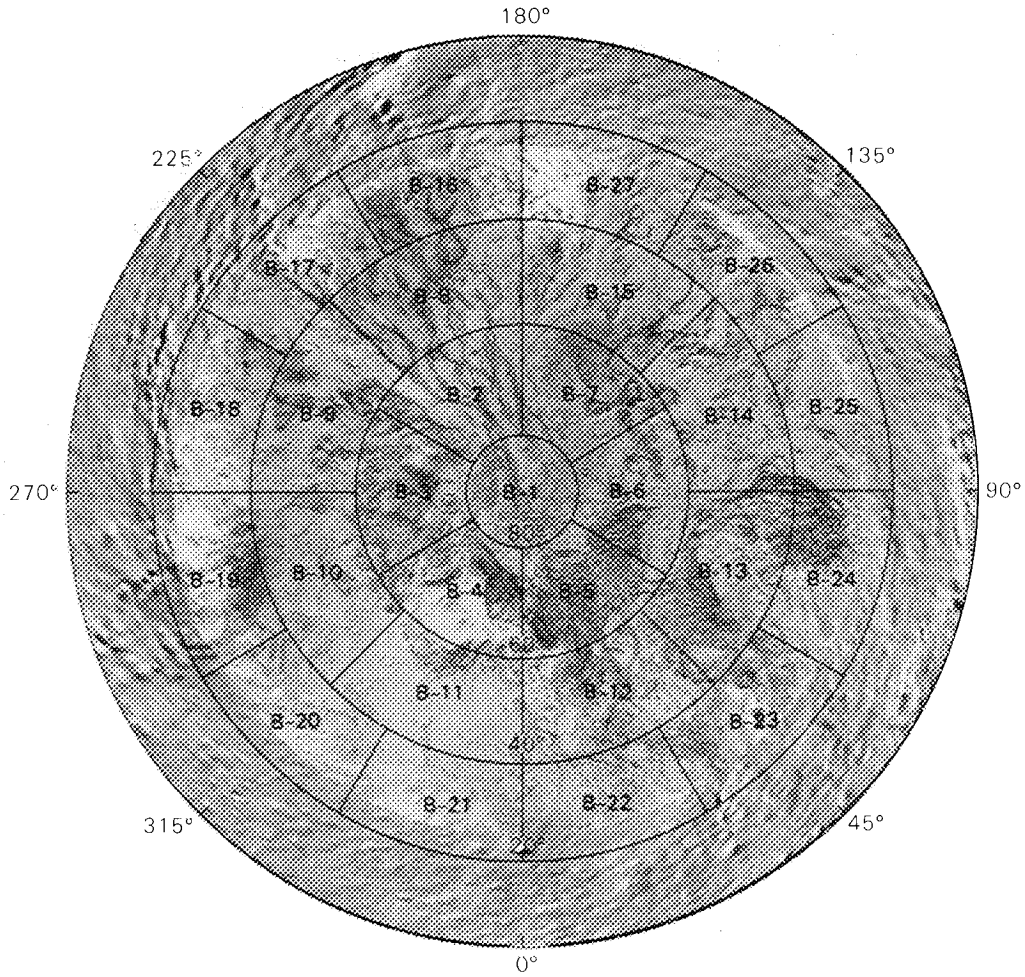



Figure 14. Index map showing boundaries of 1:5,000,000-scale radar image mosaics published by the U.S.S.R.

## 1:5,000,000 RADAR ALBEDO CONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | B- 1 | SNEGUROCHKA PLANITIA | 90 | 0 | CMT | 1988 | USSR/GUGK |
| 5M | B- 2 | LAUMA DORSA | 70 | 210 | CMT | 1987 | USSR/GUGK |
| 5M | B- 3 | METIS REGIO | 70 | 270 | CMT | 1987 | USSR/GUGK |
| 5M | B- 4 | LAKSHMI PLANUM | 70 | 330 | CMT | 1987 | USSR/GUGK |
| 5M | B- 5 | FORTUNA TESSERA | 70 | 30 | CMT | 1987 | USSR/GUGK |
| 5M | B- 6 | MECHKENET TESSERA | 70 | 90 | CMT | 1987 | USSR/GUGK |
| 5M | B- 7 | ATALANTA PLANITIA | 70 | 150 | CMT | 1987 | USSR/GUGK |
| 5M | B- 8 | VINMARA PLANITIA | 50 | 202.5 | CMT | 1987 | USSR/GUGK |
| 5M | B- 9 | KABEL PLANITIA | 50 | 247.5 | CMT | 1987 | USSR/GUGK |
| 5M | B-10 | GUINEVERE PLANITIA | 50 | 292.5 | CMT | 1987 | USSR/GUGK |
| 5M | B-11 | SEDNA PLANITIA | 50 | 337.5 | CMT | 1987 | USSR/GUGK |
| 5M | B-12 | AUSHRA DORSA | 50 | 22.5 | CMT | 1987 | USSR/GUGK |
| 5M | B-13 | LEDA PLANITIA | 50 | 77.5 | CMT | 1987 | USSR/GUGK |
| 5M | B-14 | AKKRUVA COLLES | 50 | 112.5 | CMT | 1987 | USSR/GUGK |

## 1:5,000,000 RADAR ALBEDO CONTROLLED PHOTOMOSAICS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | B-15 | VELLAMO PLANITIA | 50 | 157.5 | CMT | 1987 | USSR/GUGK |
| 5M | B-16 | GANIKI PLANITIA | 30 | 195 | CMT | 1987 | USSR/GUGK |
| 5M | B-17 | ULFRUU REGIO | 30 | 225 | CMT | 1987 | USSR/GUGK |
| 5M | B-18 | ASTERIA REGIO | 30 | 255 | CMT | 1987 | USSR/GUGK |
| 5M | B-19 | BETA REGIO | 30 | 285 | CMT | 1987 | USSR/GUGK |
| 5M | B-20 | BREKSTA DORSA | 30 | 315 | CMT | 1987 | USSR/GUGK |
| 5M | B-21 | ZORILE DORSA | 30 | 345 | CMT | 1987 | USSR/GUGK |
| 5M | B-22 | TOMEM DORSA | 30 | 15 | CMT | 1987 | USSR/GUGK |
| 5M | B-23 | BELL REGIO | 30 | 45 | CMT | 1987 | USSR/GUGK |
| 5M | B-24 | TELLUS REGIO | 30 | 75 | CMT | 1987 | USSR/GUGK |
| 5M | B-25 | NIOBE PLANITIA | 30 | 105 | CMT | 1987 | USSR/GUGK |
| 5M | B-26 | NEPHELE DORSA | 30 | 135 | CMT | 1987 | USSR/GUGK |
| 5M | B-27 | VEDMA DORSA | 30 | 165 | CMT | 1987 | USSR/GUGK |

# 4.0 MOON

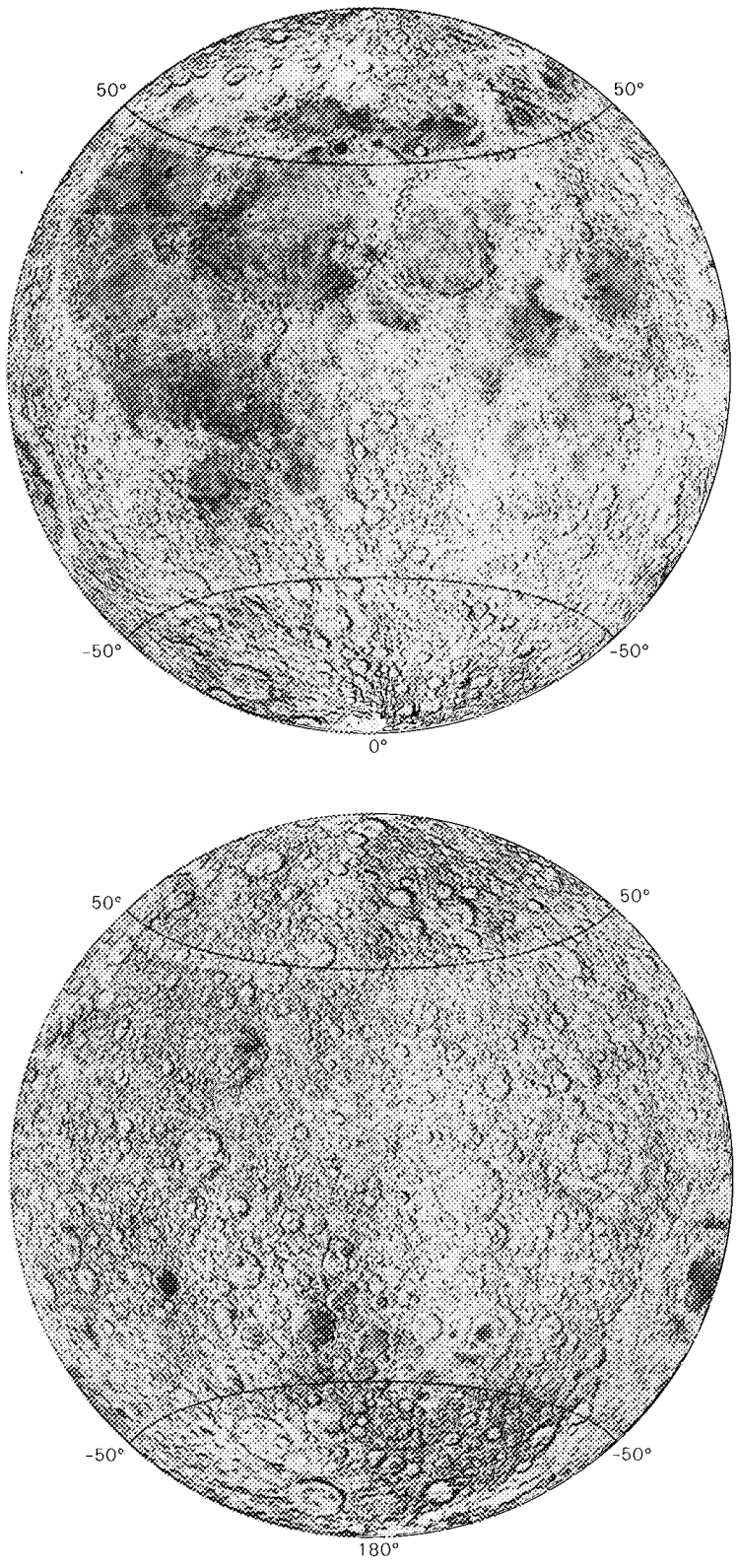



Figure 15. Index maps showing boundaries of 1:5,000,000-scale sheets of the Moon.

# MOON

## LUNAR GLOBES

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 32M | RELIEF GLOBE OF THE MOON | R | 1981 * | USGS |
| 10.0M | RELIEF/ALBEDO GLOBE: USSR | AN | 1967 ? | USSR |
| 8.5M | RELIEF/ALBEDO GLOBE: NASA | AN | 1970 ? | ACIC |

## SMALL-SCALE SHADED RELIEF/ALBEDO MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 11.6M | | THE EARTH'S MOON | 0&0 | 0&180 | AN | 1969 | NGS |
| 10.4M | | THE EARTH'S MOON | 0&0 | 0&180 | AN | 1976 | NGS |
| 10.0M | LFC- 2 | FARSIDE HEMISPHERE: RLF (OLD) | 0 | 180 | RN | 1967 * | ACIC |
| 10.0M | LPC- 1 | GLOBAL: PLANNING CHART | | | RN | 1970 | ACIC |

## SMALL-SCALE CONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 10.0M | LEM- 1A | REFERENCE MOSAIC: 1st ed. | | | 1CM | 1960 * | ACIC |
| 10.0M | LEM- 1A | REFERENCE MOSAIC: 2nd ed. | | | 2CM | 1962 * | ACIC |
| 10.0M | LEM- 1A | REFERENCE MOSAIC: 3rd ed. | | | 3CM | 1967 ? | ACIC |

## 1:5,000,000 SHADED RELIEF MAPS AND ALBEDO/TOPO MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | | LUNAR NEARSIDE: TOPO | 50/-50 | 0 | AN | 1992 | 2276-1/2 |
| 5M | | LUNAR FARSIDE: TOPO | 0 | 180 | AN | 1980 | 1218A-1/2 |
| 5M | | LUNAR POLAR REGIONS: TOPO | 90&-90 | 0 | AN | 1981 | 1326A-1/2 |
| 5M | | LUNAR FARSIDE: RELIEF | 0 | 180 | R | 1980 | 1218B-2/2 |
| 5M | | LUNAR POLAR REGIONS: RELIEF | 90&-90 | 0 | R | 1981 | 1326B-2/2 |
| 5M | | LUNAR NEARSIDE: RELIEF | 50/-50 | 0 | R | 1992 | 2276-2/2 |
| 5M | | ORIENTALE BASIN | -20 | 95 | R | 1978 | 1089 |
| 5M | LEC- 1 | EARTHSIDE CHART: RELIEF (OLD) | 0 | 0 | RN | 1968 * | ACIC |
| 5M | LFC- 1 | FARSIDE CHART: RELIEF (OLD) | 0 | 180 | RN | 1967 * | ACIC |
| 5M | LMP- 1 | EARTHSIDE CHART: RELIEF | 0 | 0 | RN | 1970 | ACIC |
| 5M | LMP- 2 | FARSIDE CHART: RELIEF | 0 | 180 | RN | 1970 | ACIC |
| 5M | LMP- 3 | POLAR CHARTS: RELIEF | 90&-90 | 0 | RN | 1970 | ACIC |

# MOON

## 1:5,000,000 GEOLOGIC MAPS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 5M | EAST SIDE: GEOLOGY | G | 1977 | 948 |
| 5M | LUNAR WEST SIDE: GEOLOGY | G | 1977 | 1034 |
| 5M | LUNAR NEARSIDE: GEOLOGY | G | 1971 | 703 |
| 5M | LUNAR NORTH SIDE: GEOLOGY | G | 1978 | 1062 |
| 5M | CENTRAL FARSIDE: GEOLOGY | G | 1978 | 1047 |
| 5M | LUNAR SOUTH SIDE: GEOLOGY | G | 1979 | 1162 |

## 1:5,000,000 CONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|
| 5M | | TOPO MAP: STEREOGRAPHIC | CM | 1964 ? | TOPOCOM |
| 5M | LEM- 1 | REFERENCE MOSAIC: 1st ed. | 1CM | 1960 * | ACIC |
| 5M | LEM- 1 | REFERENCE MOSAIC: 2nd ed. | 2CM | 1962 * | ACIC |
| 5M | LEM- 1 | REFERENCE MOSAIC: 3rd ed. | 3CM | 1966 | ACIC |

# MOON

## 1:2,750,000 SHADED RELIEF AND CONTOUR MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2.75M | LOC- 1 | PLANNING CHART: RELIEF | 0 | 90W | RT | 1971 | ACIC |
| 2.75M | LOC- 2 | PLANNING CHART: RELIEF | 0 | 0 | RT | 1971 | ACIC |
| 2.75M | LOC- 3 | PLANNING CHART: RELIEF | 0 | 90E | RT | 1971 | ACIC |
| 2.75M | LOC- 4 | PLANNING CHART: RELIEF | 0 | 180 | RT | 1971 | ACIC |

## 1:2,500,000 CONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2.5M | | APOLLO ZONE PRIMARY SITES | 0 | 0 | CM | 1968 ? | TOPOCOM |
| 2.5M | | TOPO MAP: STEREOGRAPHIC | 0 | 0 | CM | 1962 ? | TOPOCOM |
| 2.5M | | LUNAR EQUATOR ZONE MOSAICS | 0 | 360 | CMN | 1969 ? | TOPOCOM-4 |
| 2.5M | | LUNAR EQUATOR ZONE MOSAICS | 0 | 360 | CMN | 1968 ? | TOPOCOM-4 |
| 2.5M | LEM- 1B | REFERENCE WALL MOSAIC: 1st ed | 0 | 0 | 1CM | 1963 * | ACIC |
| 2.5M | LEM- 1B | REFERENCE WALL MOSAIC: 2nd ed | 0 | 0 | 2CM | 1966 * | ACIC |
| 2.5M | LEM- 1B | REFERENCE WALL MOSAIC: 3rd ed | 0 | 0 | 3CM | 1969 | ACIC |

## 1:2,500,000 SHADED REILIEF AND CONTOUR MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2.5M | LOC- 2 | PLANNING CHART: RELIEF (OLD) | 0 | 0 | RT | 1969 * | ACIC |
| 2.5M | LOC- 3 | PLANNING CHART: RELIEF (OLD) | 0 | 90E | RT | 1969 * | ACIC |
| 2.5M | LOC- 4 | PLANNING CHART: RELIEF (OLD) | 0 | 180 | RT | 1969 * | ACIC |

## 1:2,000,000 MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2.0M | | TOPO MAP: STEREOGRAPHIC | 0 | 0 | CM | 1965 ? | TOPOCOM |
| 2.0M | LVC-20 | LANSBURG REGION | 0 | 10W | AN | 1962 * | ACIC |

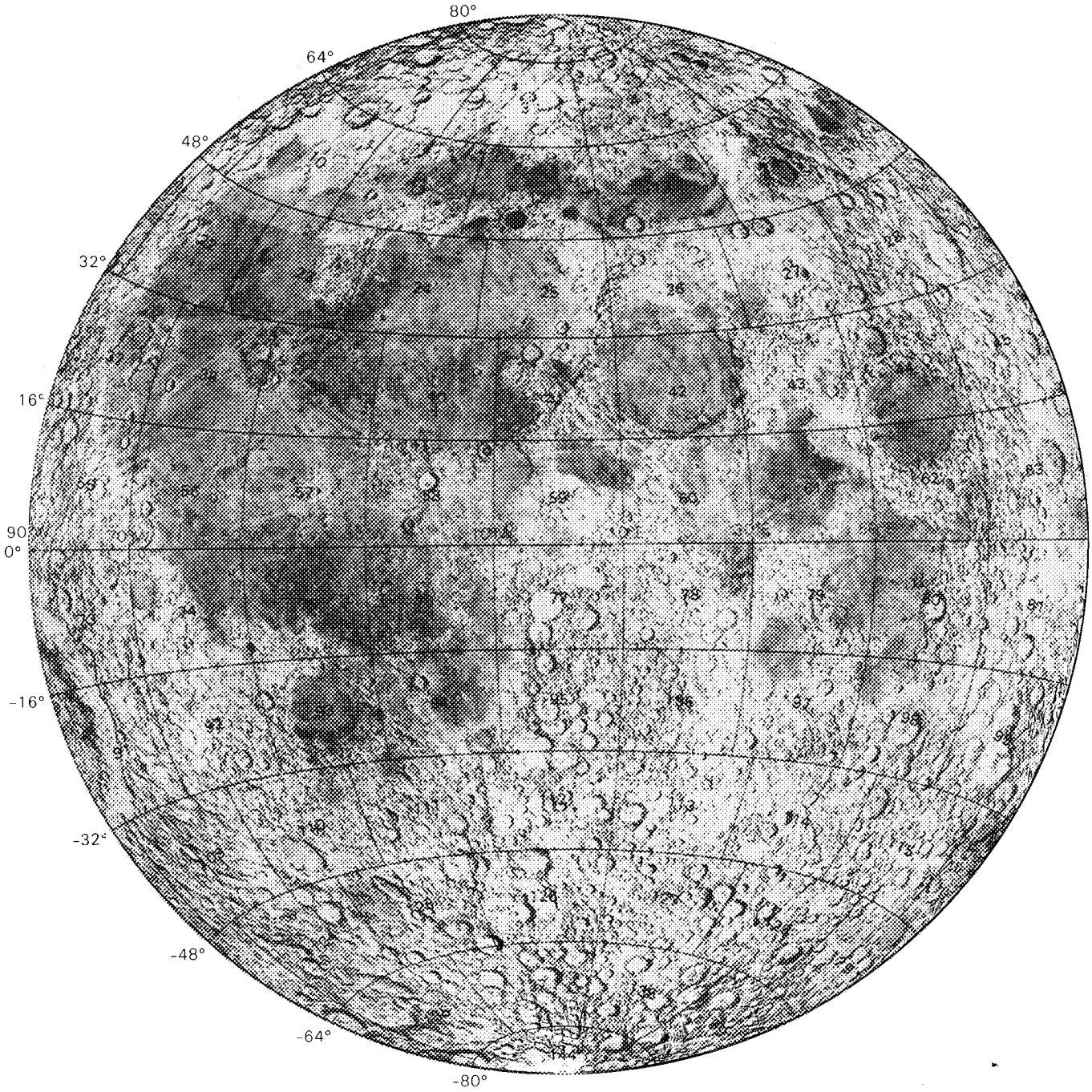



Figure 16. Index map showing the location of LM and LAC 1:1,000,000-scale lunar nearside sheets.

# MOON

## 1:1,000,000 SHADED RELIEF MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 1M | LM 38 | SELEUCCUS: TOPO | 24 | 60W | R | 1979 | DMA |
| 1M | LM 39 | ARISTARCHUS: TOPO | 24 | 40W | R | 1978 | DMA |
| 1M | LM 41 | MONTES APENNINUS: TOPO | 24 | 0 | AN | 1976 | DMAAC |
| 1M | LM 42 | MARE SERENITATIS: RELIEF | 24 | 20E | AN | 1976 | DMAAC |
| 1M | LM 60 | JULIUS CAESAR: RELIEF | 8 | 20E | R | 1979 | DMA |
| 1M | LM 62 | MARE UNDARUM: RELIEF | 8 | 60E | R | 1979 | DMA |
| 1M | LM 76 | MONTES RIPHEAUS: RELIEF | -8 | 20W | R | 1979 | DMA |
| 1M | LM 77 | PTOLEMAEUS: RELIEF | -8 | 0 | R | 1979 | DMA |
| 1M | LM 78 | THEOPHILUS: RELIEF | -8 | 20E | R | 1978 | DMA |
| 1M | LM 103 | O'DAY: RELIEF | -24 | 160E | R | 1978 | DMA |
| 1M | LM 104 | VAN DE GRAFF: RELIEF | -24 | 180 | R | 1978 | DMA |
| 1M | RLC 1 | MARE COGNITUM: RELIEF | - 8 | 20W | RT | 1964 * | ACIC |
| 1M | RLC 6 | HYPATIA: RELIEF | - 1 | 20E | RT | 1966 * | ACIC |
| 1M | RLC 13 | PTOLEMAEUS: RELIEF | - 8 | 0 | RT | 1966 * | ACIC |

## 1:1,000,000 TOPOGRAPHIC MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 1M | LAC 11 | J. HERSCHEL: TOPO | 54 | 35W | AT | 1967 | ACIC |
| 1M | LAC 12 | PLATO: TOPO | 54 | 5W | AT | 1967 | ACIC |
| 1M | LAC 13 | ARISTOTELES: TOPO | 54 | 25E | AT | 1967 | ACIC |
| 1M | LAC 23 | RUMKER: TOPO | 40 | 50W | AT | 1967 | ACIC |
| 1M | LAC 24 | SINUS IRIDUM: TOPO | 40 | 26W | AT | 1966 * | ACIC |
| 1M | LAC 25 | CASSINI: TOPO | 40 | 2W | AT | 1966 | ACIC |
| 1M | LAC 26 | EUDOXUS: TOPO | 40 | 22E | AT | 1967 | ACIC |
| 1M | LAC 27 | GEMINUS: TOPO | 40 | 46E | AT | 1967 | ACIC |
| 1M | LAC 38 | SELEUCUS: TOPO | 24 | 60W | AT | 1965 | ACIC |
| 1M | LAC 39 | ARISTARCHUS: TOPO | 24 | 40W | AT | 1963 | ACIC |
| 1M | LAC 40 | TIMOCHARIS: TOPO | 24 | 20W | AT | 1963 | ACIC |
| 1M | LAC 41 | MONTES APENNINES: TOPO | 24 | 0 | AT | 1963 | ACIC |
| 1M | LAC 42 | MARE SERENITATIS: TOPO | 24 | 20E | AT | 1965 | ACIC |
| 1M | LAC 43 | MACROBIUS: TOPO | 24 | 40E | AT | 1965 | ACIC |
| 1M | LAC 44 | CLEOMEDES: TOPO | 24 | 60E | AT | 1965 | ACIC |
| 1M | LAC 56 | HEVELIUS: TOPO | 8 | 60W | AT | 1963 | ACIC |
| 1M | LAC 57 | KEPLER: TOPO | 8 | 40W | AT | 1962 | ACIC |
| 1M | LAC 58 | COPERNICUS: TOPO | 8 | 20W | AT | 1964 | ACIC |
| 1M | LAC 59 | MARE VAPORUM: TOPO | 8 | 0 | AT | 1966 | ACIC |
| 1M | LAC 60 | JULIUS CAESAR: TOPO | 8 | 20E | AT | 1962 | ACIC |
| 1M | LAC 61 | TARUNTIUS: TOPO | 8 | 40E | AT | 1963 | ACIC |
| 1M | LAC 62 | MARE UNDARUM: TOPO | 8 | 60E | AT | 1964 | ACIC |
| 1M | LAC 74 | GRIMALDI: TOPO | -8 | 60W | AT | 1962 | ACIC |
| 1M | LAC 75 | LETRONNE: TOPO | -8 | 40W | AT | 1962 | ACIC |
| 1M | LAC 76 | MONTES RIPHAEUS: TOPO | -8 | 20W | AT | 1964 | ACIC |
| 1M | LAC 77 | PTOLEMAEUS: TOPO | -8 | 0 | AT | 1963 | ACIC |
| 1M | LAC 78 | THEOPHILUS: TOPO | -8 | 20E | AT | 1963 | ACIC |

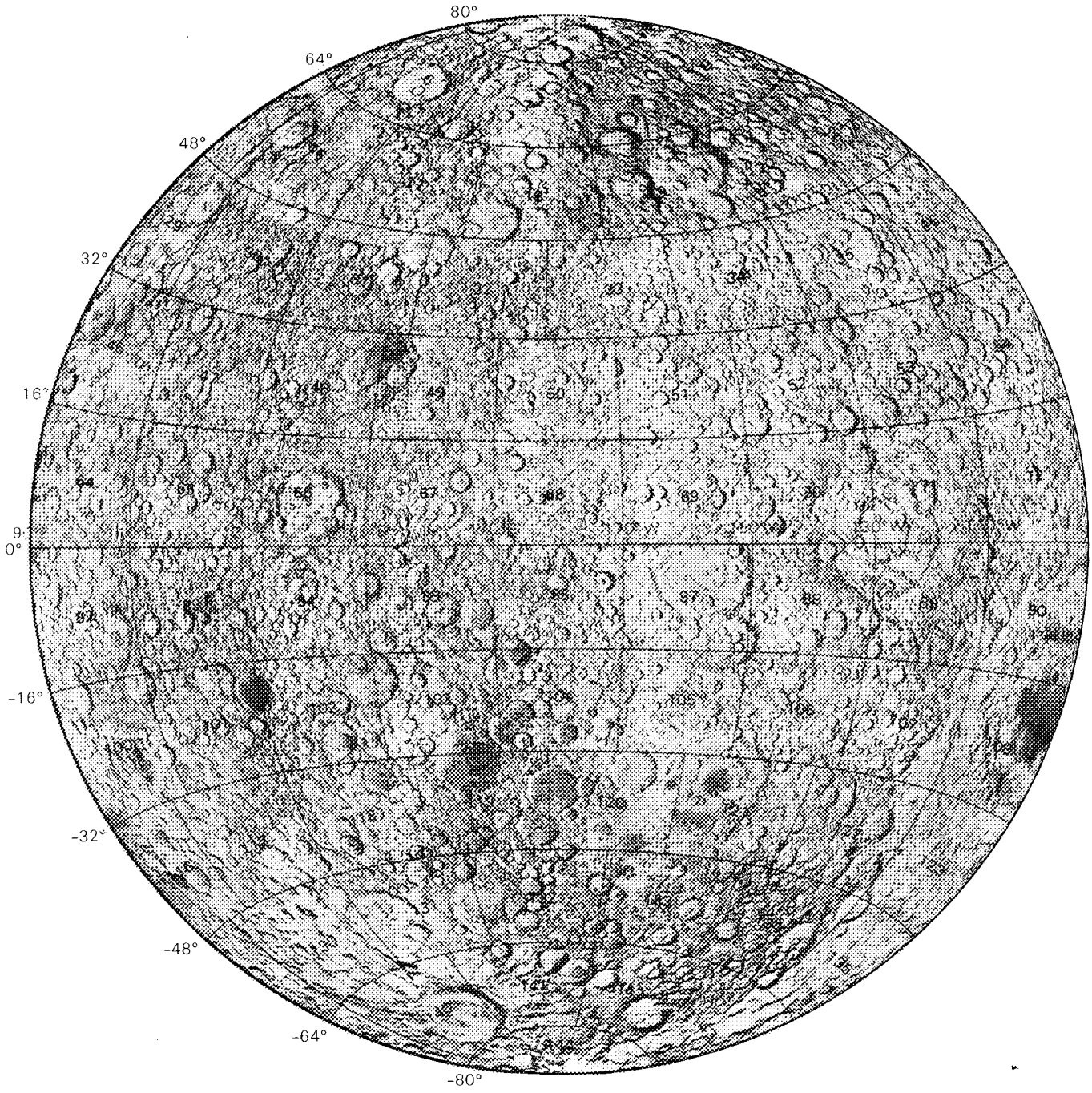



Figure 17. Index map showing the location of LM and LAC 1:1,000,000-scale lunar farside sheets.

## 1:1,000,000 TOPOGRAPHIC MAPS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 1M | LAC 79 | COLOMBO: TOPO | -8 | 40E | AT | 1963 | ACIC |
| 1M | LAC 80 | LANGRENUS: TOPO | -8 | 60E | AT | 1964 | ACIC |
| 1M | LAC 92 | BYRGIUS: TOPO | -24 | 60W | AT | 1966 | ACIC |
| 1M | LAC 93 | MARE HUMORUM: TOPO | -24 | 40W | AT | 1962 | ACIC |
| 1M | LAC 94 | PITATUS: TOPO | -24 | 20W | AT | 1964 | ACIC |
| 1M | LAC 95 | PURBACH: TOPO | -24 | 0 | AT | 1964 | ACIC |
| 1M | LAC 96 | RUPES ATLAI: TOPO | -24 | 20E | AT | 1965 | ACIC |
| 1M | LAC 97 | FRACASTORIUS: TOPO | -24 | 40E | AT | 1965 | ACIC |
| 1M | LAC 98 | PETAVIUS: TOPO | -24 | 60E | AT | 1966 | ACIC |
| 1M | LAC 110 | SCHICKARD: TOPO | -40 | 50W | AT | 1967 | ACIC |
| 1M | LAC 111 | WILHELM: TOPO | -40 | 26W | AT | 1967 | ACIC |
| 1M | LAC 112 | TYCHO: TOPO | -40 | 2W | AT | 1967 | ACIC |
| 1M | LAC 113 | MAUROLYCUS: TOPO | -40 | 22E | AT | 1966 | ACIC |
| 1M | LAC 114 | RHEITA: TOPO | -40 | 46E | AT | 1966 | ACIC |
| 1M | LAC 125 | SCHILLER: TOPO | -54 | 35W | AT | 1967 | ACIC |
| 1M | LAC 126 | CLAVIUS: TOPO | -54 | 5W | AT | 1967 | ACIC |
| 1M | LAC 127 | HOMMEL: TOPO | -54 | 25E | AT | 1967 | ACIC |

## 1:1,000,000 GEOLOGIC MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 1M | LAC 11 | J. HERSCHEL: GEOLOGY | 54 | 35W | G | 1969 | 604 |
| 1M | LAC 12 | PLATO: GEOLOGY | 54 | 5W | G | 1972 | 701 |
| 1M | LAC 13 | ARISTOTELES: GEOLOGY | 54 | 25E | G | 1972 | 725 |
| 1M | LAC 23 | RUMKER: GEOLOGY | 40 | 50W | G | 1973 | 805 |
| 1M | LAC 24 | SINUS IRIDUM: GEOLOGY | 40 | 26W | G | 1969 | 602 |
| 1M | LAC 25 | CASSINI: GEOLOGY | 40 | 2W | G | 1970 | 666 |
| 1M | LAC 26 | EUDOXUS: GEOLOGY | 40 | 22E | G | 1972 | 705 |
| 1M | LAC 27 | GEMINUS: GEOLOGY | 40 | 46E | G | 1974 | 841 |
| 1M | LAC 38 | SELEUCUS: GEOLOGY | 24 | 60W | G | 1967 | 527 |
| 1M | LAC 39 | ARISTARCHUS: GEOLOGY | 24 | 40W | G | 1965 | 465 |
| 1M | LAC 40 | TIMOCHARIS: GEOLOGY | 24 | 20W | G | 1965 | 462 |
| 1M | LAC 41 | MONTES APENNINUS: GEOLOGY | 24 | 0 | G | 1966 | 463 |
| 1M | LAC 42 | MARE SERENITATIS: GEOLOGY | 24 | 20E | G | 1966 | 489 |
| 1M | LAC 43 | MACROBIUS: GEOLOGY | 24 | 40E | G | 1972 | 799 |
| 1M | LAC 44 | CLEOMEDES: GEOLOGY | 24 | 60E | G | 1972 | 707 |
| 1M | LAC 56 | HEVELIUS: GEOLOGY | 8 | 60W | G | 1967 | 491 |
| 1M | LAC 57 | KEPLER: GEOLOGY | 8 | 40W | G | 1962 | 355 |
| 1M | LAC 58 | COPERNICUS: GEOLOGY | 8 | 20W | G | 1967 | 515 |
| 1M | LAC 59 | MARE VAPORUM: GEOLOGY | 8 | 0 | G | 1968 | 548 |
| 1M | LAC 60 | JULIUS CAESAR: GEOLOGY | 8 | 20E | G | 1967 | 510 |
| 1M | LAC 61 | TARUNTIUS: GEOLOGY | 8 | 40E | G | 1972 | 722 |
| 1M | LAC 62 | MARE UNDARUM: GEOLOGY | 8 | 60E | G | 1974 | 837 |
| 1M | LAC 74 | GRIMALDI: GEOLOGY | -8 | 60W | G | 1973 | 740 |
| 1M | LAC 75 | LETRONNE: GEOLOGY | -8 | 40W | G | 1963 | 385 |
| 1M | LAC 76 | RIPHAEUS MTS.: GEOLOGY | -8 | 20W | G | 1965 | 458 |

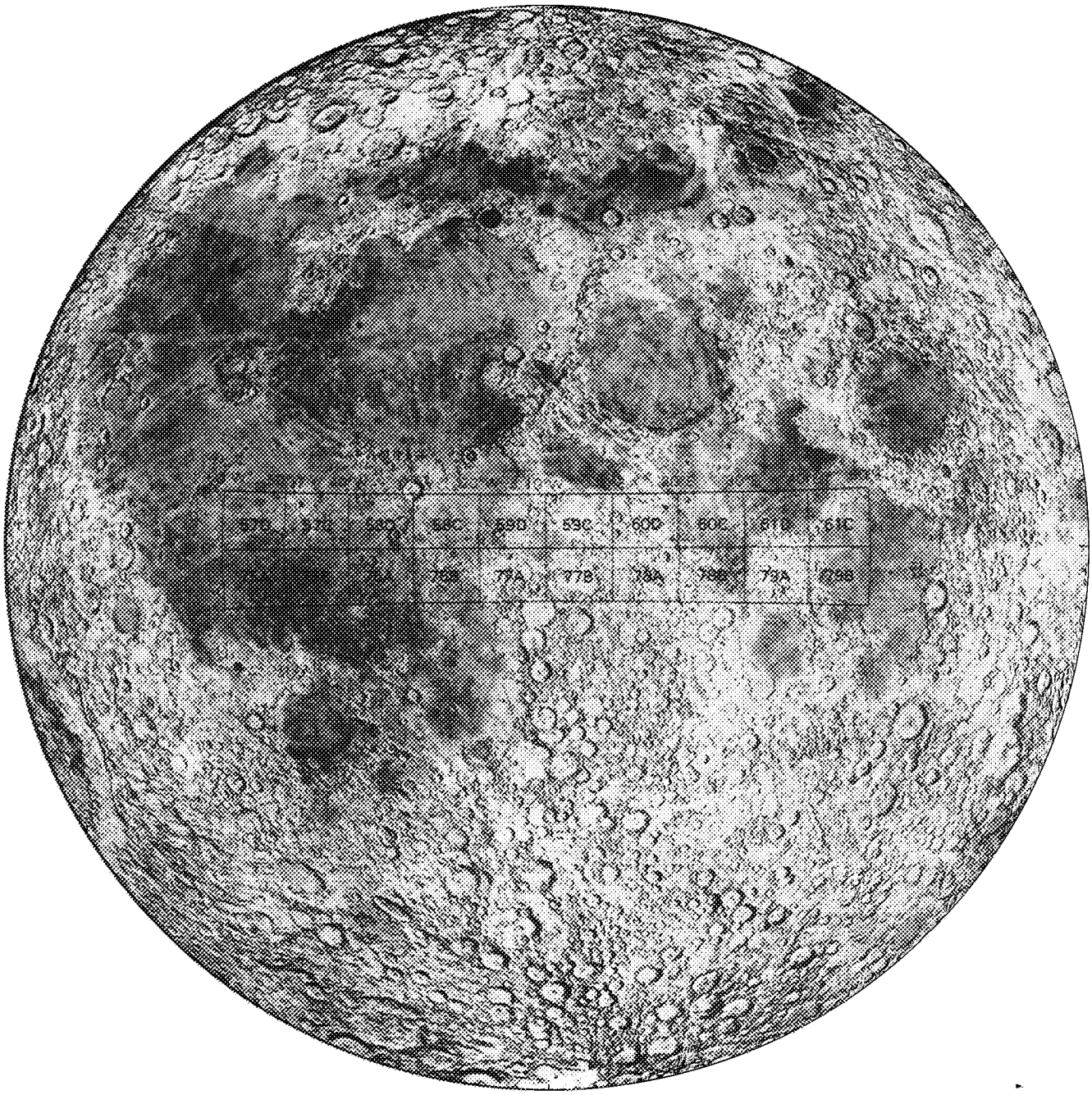



Figure 18. Index map showing the location of AIC 1:500,000-scale sheets.

## 1:1,000,000 GEOLOGIC MAPS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 1M | LAC 77 | PTOLEMAEUS: GEOLOGY | -8 | 0 | G | 1968 | 566 |
| 1M | LAC 78 | THEOPHILUS: GEOLOGY | -8 | 20E | G | 1968 | 546 |
| 1M | LAC 79 | COLUMBUS: GEOLOGY | -8 | 40E | G | 1972 | 714 |
| 1M | LAC 80 | LANGRENUS: GEOLOGY | -8 | 60E | G | 1973 | 739 |
| 1M | LAC 92 | BYRGIUS: GEOLOGY | -24 | 60W | G | 1973 | 755 |
| 1M | LAC 93 | MARE HUMORUM: GEOLOGY | -24 | 40W | G | 1967 | 495 |
| 1M | LAC 94 | PITATUS: GEOLOGY | -24 | 20W | G | 1966 | 485 |
| 1M | LAC 95 | PURBACH: GEOLOGY | -24 | 0 | G | 1974 | 822 |
| 1M | LAC 96 | RUPES ALTA: GEOLOGY | -24 | 20E | G | 1971 | 690 |
| 1M | LAC 97 | FRACASTORIUS: GEOLOGY | -24 | 40E | G | 1972 | 720 |
| 1M | LAC 98 | PETAVIUS: GEOLOGY | -24 | 60E | G | 1973 | 794 |
| 1M | LAC 110 | SCHICKARD: GEOLOGY | -40 | 50W | G | 1974 | 823 |
| 1M | LAC 111 | WILHELM: GEOLOGY | -40 | 26W | G | 1974 | 824 |
| 1M | LAC 112 | TYCHO: GEOLOGY | -40 | 2W | G | 1972 | 713 |
| 1M | LAC 113 | MAUROLYCUS: GEOLOGY | -40 | 22E | G | 1972 | 695 |
| 1M | LAC 114 | RHEITA: GEOLOGY | -40 | 46E | G | 1971 | 694 |
| 1M | LAC 125 | SCHILLER: GEOLOGY | -54 | 35W | G | 1971 | 691 |
| 1M | LAC 126 | CLAVIUS: GEOLOGY | -54 | 5W | G | 1971 | 706 |
| 1M | LAC 127 | HOMMEL: GEOLOGY | -54 | 25E | G | 1972 | 702 |

## 1:500,000 TOPOGRAPHIC MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 500k | AIC 57C | ENCKE: TOPO | 4 | 35W | AN | 1966 * | ACIC |
| 500k | AIC 57D | MAESTLIN: TOPO | 4 | 45W | AN | 1966 * | ACIC |
| 500k | AIC 58C | GAMBART: TOPO 1st ed. | 4 | 15W | 1AN | 1965 * | ACIC |
| 500k | AIC 58C | GAMBART: TOPO 2nd ed. | 4 | 25W | 2AN | 1966 * | ACIC |
| 500k | AIC 59C | TRIESNECKER: TOPO | 4 | 5E | AN | 1966 * | ACIC |
| 500k | AIC 59D | PALLAS: TOPO | 4 | 5W | AN | 1966 * | ACIC |
| 500k | AIC 60C | ARAGO: TOPO | 4 | 25E | AN | 1966 * | ACIC |
| 500k | AIC 60D | AGRIPPA: TOPO 1st ed. | 4 | 15E | 1AN | 1965 * | ACIC |
| 500k | AIC 60D | AGRIPPA: TOPO 2nd ed. | 4 | 15E | 2AN | 1966 * | ACIC |
| 500k | AIC 61C | SECCHI: TOPO | 4 | 45E | AN | 1967 * | ACIC |
| 500k | AIC 61D | MASKELYNE D: TOPO | 4 | 35E | AN | 1966 * | ACIC |
| 500k | AIC 75A | FLAMSTEED: TOPO | -4 | 45W | AN | 1966 * | ACIC |
| 500k | AIC 75B | WICHMANN: TOPO | -4 | 35W | AN | 1966 * | ACIC |
| 500k | AIC 76A | EUCLIDES P: TOPO | -4 | 25W | AN | 1966 * | ACIC |
| 500k | AIC 76B | FRA MAURO: TOPO | -4 | 15W | AN | 1966 * | ACIC |
| 500k | AIC 77A | FLAMMARION: TOPO 1st ed | -4 | 5W | 1AN | 1965 * | ACIC |
| 500k | AIC 77A | FLAMMARION: TOPO 2nd ed | -4 | 5W | 2AN | 1966 * | ACIC |
| 500k | AIC 77B | HIPPARCHUS: TOPO | -4 | 5E | AN | 1966 * | ACIC |
| 500k | AIC 78A | DELAMBRE: TOPO | -4 | 15E | AN | 1966 * | ACIC |
| 500k | AIC 78B | TORRICELLI: TOPO | -4 | 25E | AN | 1966 * | ACIC |
| 500k | AIC 79A | CAPELLA: TOPO | -4 | 35E | AN | 1966 * | ACIC |
| 500k | AIC 79B | MESSIER: TOPO | -4 | 45E | AN | 1966 * | ACIC |
| 500k | RLC 2 | GUERICKE: RELIEF | -12 | 14.5 W | RT | 1964 * | ACIC |

# MOON

## 1:250,000 SHADED RELIEF MAPS (RANGER MISSION)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 250k | RLC 7 | SABINE | -21.5 | 2W | RT | 1966 ? | ACIC |
| 250k | RLC 14 | ALPHONSUS | 2.5 | 13.5E | RT | 1966 ? | ACIC |

## 1:250,000 GEOLOGIC MAPS

| SCALE | TITLE/REGION | | | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 250k | CENSORINUS: GEOLOGY | | | G | 1973 | 811 |
| 250k | FRA MAURO: GEOLOGY | | | G | 1970 | 708-1/2 |
| 250k | DESCARTES: GEOLOGY | | | G | 1972 | 748-1/2 |
| 250k | COPERNICUS CRATER: GEOLOGY | -- | -- | G | 1975 | 840 |
| 250k | TAURUS LITTROW: GEOLOGY | | | G | 1972 | 800-2/2 |
| 250k | APENNINE HADLEY: GEOLOGY | | | G | 1971 | 723-1/2 |
| 250k | ALPHONSUS: GEOLOGY | | | G | 1969 | 599 |
| 250k | HYGINUS: GEOLOGY | -- | -- | G | 1976 | 945 |

## 1:250,000 SEMI-CONTROLLED PHOTOMOSAICS (ORBITER MISSIONS)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 250k | ORB III-18 | MOSTING C: PHOTOMAP | - 2.3 | 8.3W | SM | 1969 ? | ACIC |
| 250k | ORB V-12 | CENSORINUS: PHOTOMAP | - 0.5 | 33.3E | SM | 1969 ? | TOPOCOM |
| 250k | ORB V-14 | RIMA LITTROW: PHOTOMAP | 22.2 | 29.4E | SM | 1969 ? | TOPOCOM |
| 250k | ORB V-23.1 | RIMA HYGINUS: PHOTOMAP | 8 | 5.7E | SM | 1969 ? | TOPOCOM |
| 250k | ORB V-24 | HIPPARCHUS: PHOTOMAP | - 4.5 | 12.8E | SM | 1970 ? | TOPOCOM |
| 250k | ORB V-26.1 | RIMA HADLEY: PHOTOMAP | 26 | 3.1E | SM | 1970 ? | TOPOCOM-2 |
| 250k | ORB V-29 | RIMA BODE: PHOTOMAP | 12.8 | 3.8W | SM | 1969 ? | ACIC |
| 250k | ORB V-30 | TYCHO: PHOTOMAP A & B | -42 | 11.8W | SM | 1969 ? | TOPOCOM-2 |
| 250k | ORB V-37 | COPERNICUS: PHOTOMAP | 10.2 | 20.3W | SM | 1969 ? | TOPOCOM |
| 250k | ORB V-43.2 | GASSENDI: PHOTOMAP | -17 | 40W | SM | 1970 ? | TOPOCOM |
| 250k | ORB V-51 | MARIUS F: PHOTOMAP | 13.3 | 56.1W | SM | 1970 ? | TOPOCOM |

## 1:250,000 CONTROLLED PHOTOMOSAICS (Orbiter missions are designated as ORB)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 250k | | TAURUS LITTROW TOPO PHOTOMP | 21.2 | 31.0E | CMT | 1977 ? | DMATC |
| 250k | ORB III-23 | FRA MAURO: PHOTOMAP | - 3 | 17.4W | CM | 1969 ? | ACIC |
| 250k | ORB V-46 | PRINZ: PHOTOMAP | 27.3 | 43.5W | CM | 1970 ? | TOPOCOM |
| 250k | ORB III-18 | MOSTING C: TOPO PHOTOMAP | - 2.3 | 8.3W | CMT | 1969 ? | ACIC |
| 250k | ORB III-23 | FRA MAURO: TOPO PHOTOMAP | - 3 | 17.4W | CMT | 1969 ? | ACIC |
| 250k | ORB III-23 | FRA MAURO: TOPO MAP | - 3 | 17.4W | CMT | 1970 ? | ACIC |

## 1:250,000 CONTROLLED PHOTOMOSAICS (Orbiter missions are designated as ORB)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 250k | ORB V-14 | RIMA LITTROW: TOPO MAP | 22.2 | 29.4E | CMT | 1970 ? | TOPOCOM |
| 250k | ORB V-14 | RIMA LITTROW: TOPO PHOTOMAP | 22.2 | 29.4E | CMT | 1969 ? | TOPOCOM |
| 250k | ORB V-23.1 | RIMA HYGINUS: TOPO MAP | 8 | 5.7E | CMT | 1970 ? | TOPOCOM |
| 250k | ORB V-23.1 | RIMA HYGINUS: TOPO PHOTOMAP | 8 | 5.7E | CMT | 1970 ? | TOPOCOM |
| 250k | ORB V-24 | HIPPARCHUS: TOPO MAP | - 4.5 | 12.8E | CMT | 1971 ? | TOPOCOM |
| 250k | ORB V-24 | HIPPARCHUS: TOPO PHOTOMAP | - 4.5 | 12.8E | CMT | 1970 ? | TOPOCOM |
| 250k | ORB V-26.1 | RIMA HADLEY: TOPO PHOTOMAP | 26 | 3.1E | CMT | 1970 ? | TOPOCOM-2 |
| 250k | ORB V-26.1 | RIMA HADLEY: TOPO MAP | 26 | 3.1E | CMT | 1971 ? | TOPOCOM-2 |
| 250k | ORB V-29 | RIMA BODE: TOPO PHOTOMAP | 12.8 | 3.8W | CMT | 1969 ? | ACIC |
| 250k | ORB V-29 | RIMA BODE: TOPO MAP | 12.8 | 3.8W | CMT | 1970 ? | ACIC |
| 250k | ORB V-30 | TYCHO: TOPO PHOTOMAP A & B | -42 | 11.8W | CMT | 1971 ? | TOPOCOM-2 |
| 250k | ORB V-30 | TYCHO: TOPO MAP A & B | -42 | 11.8W | CMT | 1971 ? | TOPOCOM-2 |
| 250k | ORB V-37 | COPERNICUS: TOPO PHOTOMAP | 10.2 | 20.3W | CMT | 1971 ? | TOPOCOM |
| 250k | ORB V-37 | COPERNICUS: TOPO MAP | 10.2 | 20.3W | CMT | 1971 ? | TOPOCOM |
| 250k | ORB V-43.2 | GASSENDI:TOPO PHOTOMAP A & B | -17 | 40W | CMT | 1971 ? | TOPOCOM-2 |
| 250k | ORB V-43.2 | GASSENDI: TOPO MAP A & B | -17 | 40W | CMT | 1971 ? | TOPOCOM-2 |
| 250k | ORB V-46 | PRINZ: TOPO PHOTOMAP | 27.3 | 43.5W | CMT | 1970 ? | TOPOCOM |
| 250k | ORB V-46 | PRINZ: TOPO MAP | 27.3 | 43.5W | CMT | 1971 ? | TOPOCOM |
| 250k | ORB V-48 | ARISTARCHUS: TOPO MAP | 23.4 | 47.3W | CMT | 1972 ? | ACIC |
| 250k | ORB V-51 | MARIUS F: TOPO PHOTOMAP | 13.3 | 56.1W | CMT | 1970 ? | TOPOCOM |
| 250k | ORB V-51 | MARIUS F: TOPO MAP | 13.3 | 56.1W | CMT | 1971 ? | TOPOCOM |

## 1:250,000 ORTHOPHOTOMOSAICS

| SCALE | MAP | | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| 250k | LO | 38B1 | HUMASON: ORTHO | 30 | 57.5W | OM | 1973 | DMATC |
| 250k | LO | 38B2 | NIELSEN: ORTHO | 30 | 52.5W | OM | 1975 | DMATC |
| 250k | LO | 38B3 | FREUD: ORTHO | 26 | 52.5W | OM | 1973 | DMATC |
| 250k | LO | 38B4 | ZINNER: ORTHO | 26 | 57.5W | OM | 1973 | DMATC |
| 250k | LO | 39A1 | KRIEGER: ORTHO | 30 | 47.5W | OM | 1973 | DMATC |
| 250k | LO | 39A2 | ANGSTOM: ORTHO | 30 | 42.5W | OM | 1973 | DMATC |
| 250k | LO | 39A3 | PRINZ: ORTHO | 26 | 42.5W | OM | 1973 | DMATC |
| 250k | LO | 39A4 | VAISALA: ORTHO | 26 | 47.5W | OM | 1973 | DMATC |
| 250k | LO | 39B1 | FEDEROV: ORTHO | 30 | 37.5W | OM | 1974 | DMATC |
| 250k | LO | 39B2 | DELISLE: ORTHO | 30 | 32.5W | OM | 1974 | DMATC |
| 250k | LO | 39B3 | DIOPHANTUS: ORTHO | 26 | 37.5W | OM | 1974 | DMATC |
| 250k | LO | 39B4 | ARTSIMOVICH: ORTHO | 26 | 37.5W | OM | 1974 | DMATC |
| 250k | LO | 39C1 | BRAYLEV: ORTHO | 22 | 37.5W | OM | 1975 | DMATC |
| 250k | LO | 39C2 | MONS VINOGRADOV: ORTHO | 22 | 32.5W | OM | 1979 | DMATC |
| 250k | LO | 40A1 | CAVENTOU: ORTHO | 30 | 27.5W | OM | 1974 | DMATC |
| 250k | LO | 40A2 | MCDONALD: ORTHO | 30 | 22.5W | OM | 1974 | DMATC |
| 250k | LO | 40A3 | LAMBERT: ORTHO | 26 | 22.5W | OM | 1974 | DMATC |
| 250k | LO | 40A4 | LA HIRE: ORTHO | 26 | 27.5W | OM | 1974 | DMATC |
| 250k | LO | 40B1 | SAMPSON: ORTHO | 30 | 17.5W | OM | 1974 | DMATC |
| 250k | LO | 40B2 | LANDSTEINER: ORTHO | 30 | 12.5W | OM | 1974 | DMATC |
| 250k | LO | 40B3 | KOVALEVSKIJ: ORTHO | 26 | 12.5W | OM | 1974 | DMATC |
| 250k | LO | 40B4 | HEINRICH: ORTHO | 26 | 17.5W | OM | 1974 | DMATC |
| 250k | LO | 40C2 | PUPIN: ORTHO | 22 | 12.5W | OM | 1974 | DMATC |
| 250k | LO | 40D1 | EULER: ORTHO | 22 | 27.5W | OM | 1976 | DMATC |
| 250k | LO | 40D2 | PYTHEAS: ORTHO | 22 | 22.5W | OM | 1976 | DMATC |
| 250k | LO | 41A3 | SPURR: ORTHO | 26 | 2.5W | OM | 1973 | DMATC |
| 250k | LO | 41A4 | BEER: ORTHO | 26 | 7.5W | OM | 1974 | DMATC |
| 250k | LO | 41B3 | JOY: ORTHO | 26 | 7.5E | OM | 1974 | DMATC |
| 250k | LO | 41B4 | HADLEY: ORTHO | 26 | 2.5E | OM | 1974 | DMATC |
| 250k | LO | 41C1 | CONON: ORTHO | 22 | 2.5E | OM | 1974 | DMATC |
| 250k | LO | 41C2 | GALEN: ORTHO | 22 | 7.5E | OM | 1974 | DMATC |
| 250k | LO | 41C3 | BOWEN: ORTHO | 18 | 7.5E | OM | 1974 | DMATC |
| 250k | LO | 41C4 | YANGEL: ORTHO | 18 | 2.5E | OM | 1974 | DMATC |
| 250k | LO | 41D1 | WALLACE: ORTHO | 22 | 7.5W | OM | 1974 | DMATC |
| 250k | LO | 41D2 | HUXLEY: ORTHO | 22 | 2.5W | OM | 1974 | DMATC |
| 250k | LO | 42A3 | BANTING: ORTHO | 26 | 17.5E | OM | 1974 | DMATC |
| 250k | LO | 42A4 | LINNE: ORTHO | 26 | 12.5E | OM | 1974 * | DMATC |
| 250k | LO | 42A4 | LINNE: ORTHO 2nd ED. | 26 | 12.5E | OM | 1974 | DMATC |
| 250k | LO | 42B3 | VERY: ORTHO | 26 | 27.5E | OM | 1974 | DMATC |
| 250k | LO | 42B4 | SARABHAI: ORTHO | 26 | 22.5E | OM | 1974 | DMATC |
| 250k | LO | 42C1 | DESEILLIGNY: ORTHO | 22 | 22.5E | OM | 1974 | DMATC |
| 250k | LO | 42C2 | CLERKE: ORTHO | 22 | 27.5E | OM | 1974 | DMATC |
| 250k | LO | 42C3 | DAWES: ORTHO 2nd ED. | 18 | 27.5E | OM | 1975 | DMATC |
| 250k | LO | 42C3 | DAWES: ORTHO | 18 | 27.5E | OM | 1974 * | DMATC |
| 250k | LO | 42C4 | BRACKETT: ORTHO | 18 | 22.5E | OM | 1974 | DMATC |
| 250k | LO | 42D1 | HORNSBY: ORTHO 2nd ED. | 22 | 12.5E | OM | 1976 | DMATC |
| 250k | LO | 42D1 | HORNSBY: ORTHO | 22 | 12.5E | OM | 1973 * | DMATC |

Figure 19. Index map showing the location of LO 1:250,000-scale sheets.

## 1:250,000 ORTHOPHOTOMOSAICS

| SCALE | MAP | | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| 250k | LO | 42D2 | BESSEL: ORTHO | 22 | 17.5E | OM | 1974 | DMATC |
| 250k | LO | 42D3 | MENELAUS: ORTHO | 18 | 17.5E | OM | 1974 | DMATC |
| 250k | LO | 42D4 | SULPICIUS GALLUS: ORTHO | 18 | 12.5E | OM | 1974 | DMATC |
| 250k | LO | 43A4 | 1e MONNIER: ORTHO | 26 | 32.5E | OM | 1974 | DMATC |
| 250k | LO | 43C1 | HILL: ORTHO | 22 | 42.5E | OM | 1974 | DMATC |
| 250k | LO | 43C2 | MACROBIUS: ORTHO | 22 | 47.5E | OM | 1979 | DMATC |
| 250k | LO | 43C3 | PROCLUS: ORTHO | 18 | 47.5E | OM | 1974 | DMATC |
| 250k | LO | 43C4 | CARMICHAEL: ORTHO | 18 | 42.5E | OM | 1974 | DMATC |
| 250k | LO | 43D1 | LITTROW: ORTHO | 22 | 32.5E | OM | 1974 * | DMATC |
| 250k | LO | 43D1 | LITTROW: ORTHO 2nd ED. | 22 | 32.5E | OM | 1974 | DMATC |
| 250k | LO | 43D2 | FRANCK: ORTHO | 22 | 37.5E | OM | 1974 | DMATC |
| 250k | LO | 43D3 | THEOPHRASTUS: ORTHO | 18 | 37.5E | OM | 1974 | DMATC |
| 250k | LO | 43D4 | VITRUVIUS: ORTHO | 18 | 32.5E | OM | 1974 | DMATC |
| 250k | LO | 44D3 | ECKERT: ORTHO | 18 | 57.5E | OM | 1974 | DMATC |
| 250k | LO | 44D4 | PEIRCE: ORTHO | 18 | 52.5E | OM | 1974 | DMATC |
| 250k | LO | 60A1 | DAUBREE: ORTHO | 14 | 12.5E | OM | 1973 | DMATC |
| 250k | LO | 60A2 | AUWERS: ORTHO | 14 | 17.5E | OM | 1974 | DMATC |
| 250k | LO | 60B1 | PLINIUS: ORTHO | 14 | 22.5E | OM | 1974 | DMATC |
| 250k | LO | 60B2 | JANSEN: ORTHO | 14 | 27.5E | OM | 1974 | DMATC |
| 250k | LO | 60B3 | CARREL: ORTHO | 10 | 27.5E | OM | 1977 | DMATC |
| 250k | LO | 60B4 | ROSS: ORTHO | 10 | 22.5E | OM | 1979 | DMATC |
| 250k | LO | 61A1 | CAJAL: ORTHO | 14 | 32.5E | OM | 1974 | DMATC |
| 250k | LO | 61A2 | LUCIAN: ORTHO | 14 | 37.5E | OM | 1974 | DMATC |
| 250k | LO | 61A3 | CAUCHY: ORTHO | 10 | 37.5E | OM | 1974 | DMATC |
| 250k | LO | 61A4 | _____: ORTHO | 10 | 32.5E | OM | ____ | DMATC |
| 250k | LO | 61B1 | LYELL: ORTHO | 14 | 42.5E | OM | 1974 | DMATC |
| 250k | LO | 61B2 | GLAISHER: ORTHO | 14 | 47.5E | OM | 1974 | DMATC |
| 250k | LO | 61B3 | WATTS: ORTHO | 10 | 47.5E | OM | 1974 | DMATC |
| 250k | LO | 61B4 | DA VINCI: ORTHO | 10 | 42.5E | OM | 1973 | DMATC |
| 250k | LO | 61C1 | LAWRENCE: ORTHO | 6 | 42.5E | OM | 1974 | DMATC |
| 250k | LO | 61C2 | CAMERON: ORTHO | 6 | 47.5E | OM | 1974 | DMATC |
| 250k | LO | 61C3 | AMVILLE: ORTHO | 2 | 47.5E | OM | 1974 | DMATC |
| 250k | LO | 61C4 | SECCHI: ORTHO | 2 | 42.5E | OM | 1974 | DMATC |
| 250k | LO | 61D1 | WALLACH: ORTHO | 6 | 32.5E | OM | 1979 | DMATC |
| 250k | LO | 61D2 | ARYABHATA: ORTHO | 6 | 37.5E | OM | 1979 | DMATC |
| 250k | LO | 61D3 | MENZEL: ORTHO | 2 | 37.5E | OM | 1979 | DMATC |
| 250k | LO | 61D4 | MASKELYNE ORIENTALIS: ORTHO | 2 | 32.5E | OM | 1979 | DMATC |
| 250k | LO | 62A1 | YERKES: ORTHO | 14 | 52.5E | OM | 1974 | DMATC |
| 250k | LO | 62A2 | CURTIS: ORTHO | 14 | 57.5E | OM | 1974 | DMATC |
| 250k | LO | 62A3 | SHAPLEY: ORTHO | 10 | 57.5E | OM | 1974 | DMATC |
| 250k | LO | 62A4 | TEBBUTT: ORTHO | 10 | 52.5E | OM | 1974 | DMATC |
| 250k | LO | 62B1 | FAHRENHEIT: ORTHO | 14 | 62.5E | OM | 1974 | DMATC |
| 250k | LO | 62B2 | CONDORCET: ORTHO | 14 | 67.5E | OM | 1974 | DMATC |
| 250k | LO | 62B3 | KROGH: ORTHO | 10 | 67.5E | OM | 1974 | DMATC |
| 250k | LO | 62B4 | AUZOT: ORTHO | 10 | 62.5E | OM | 1974 | DMATC |
| 250k | LO | 62C1 | FIRMICUS: ORTHO | 6 | 62.5E | OM | 1974 | DMATC |
| 250k | LO | 62C2 | DUBYAGO: ORTHO | 6 | 67.5E | OM | 1974 | DMATC |

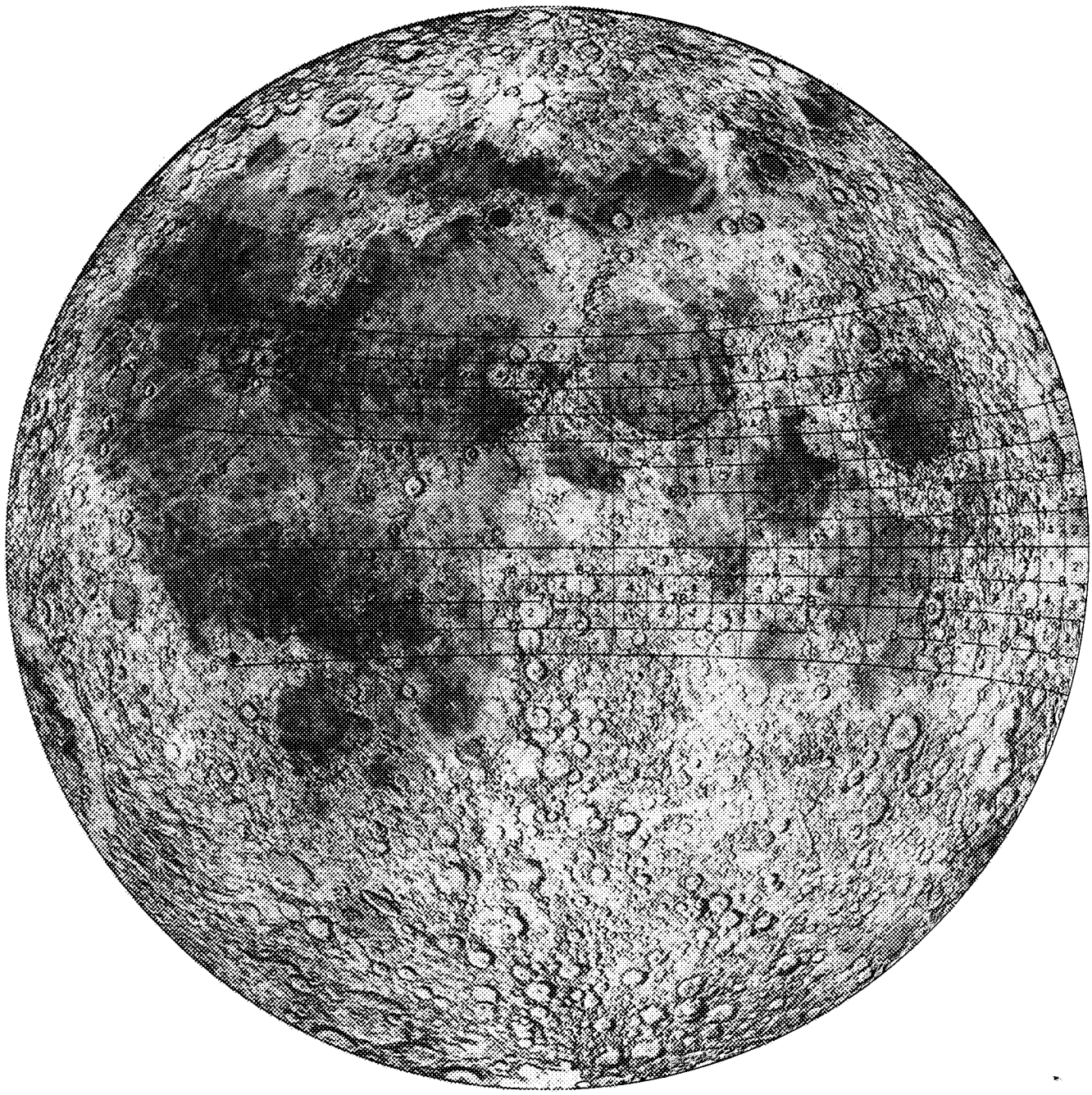


Figure 20. Index map showing the location of LO 1:250,000-scale sheets.

## 1:250,000 ORTHOPHOTOMOSAICS

| SCALE | MAP | | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| 250k | LO | 62C3 | POMORTSEV: ORTHO | 2 | 67.5E | OM | 1974 | DMATC |
| 250k | LO | 62C4 | CONDON: ORTHO | 2 | 62.5E | OM | 1974 | DMATC |
| 250k | LO | 62D1 | ABBOT: ORTHO | 6 | 52.5E | OM | 1974 | DMATC |
| 250k | LO | 62D2 | DALY: ORTHO | 6 | 57.5E | OM | 1974 | DMATC |
| 250k | LO | 62D3 | AMEGHINO: ORTHO | 2 | 57.5E | OM | 1974 | DMATC |
| 250k | LO | 62D4 | SMITHSON: ORTHO | 2 | 52.5E | OM | 1974 | DMATC |
| 250k | LO | 63A2 | SABATIER: ORTHO | 14 | 77.5E | OM | 1979 | DMATC |
| 250k | LO | 63A3 | WILDT: ORTHO | 10 | 77.5E | OM | 1979 | DMATC |
| 250k | LO | 63A4 | CONDORCET: ORTHO | 10 | 72.5E | OM | 1979 | DMATC |
| 250k | LO | 63B1 | THEILER: ORTHO | 14 | 82.5E | OM | 1976 | DMATC |
| 250k | LO | 63B2 | GODDARD: ORTHO | 14 | 87.5E | OM | 1976 | DMATC |
| 250k | LO | 63B3 | JANSKY: ORTHO | 10 | 87.5E | OM | 1975 | DMATC |
| 250k | LO | 63B4 | VIRCHOW: ORTHO | 10 | 82.5E | OM | 1976 | DMATC |
| 250k | LO | 63C1 | KNOX-SHAW: ORTHO | 6 | 82.5E | OM | 1974 | DMATC |
| 250k | LO | 63C2 | TACHINNI: ORTHO | 6 | 87.5E | OM | 1974 | DMATC |
| 250k | LO | 63C3 | PEEK: ORTHO | 2 | 87.5E | OM | 1973 | DMATC |
| 250k | LO | 63C4 | SCHUBERT: ORTHO | 2 | 82.5E | OM | 1973 | DMATC |
| 250k | LO | 63D1 | BOETHIUS: ORTHO | 6 | 72.5E | OM | 1974 | DMATC |
| 250k | LO | 63D2 | BANACHIEWICZ: ORTHO | 6 | 77.5E | OM | 1979 | DMATC |
| 250k | LO | 63D3 | NOBILI: ORTHO | 2 | 77.5E | OM | 1974 | DMATC |
| 250k | LO | 63D4 | RESPIGHI: ORTHO | 2 | 72.5E | OM | 1974 | DMATC |
| 250k | LO | 64D1 | NUNN: ORTHO | 14 | 92.5E | OM | 1974 | DMATC |
| 250k | LO | 64D2 | ERRO: ORTHO | 14 | 97.5E | OM | 1974 | DMATC |
| 250k | LO | 64D3 | FOX: ORTHO | 10 | 97.5E | OM | 1974 | DMATC |
| 250k | LO | 64D4 | MCADIE: ORTHO | 10 | 92.5E | OM | 1974 | DMATC |
| 250k | LO | 65A3 | GUYOT: ORTHO | 10 | 117.5E | OM | 1974 | DMATC |
| 250k | LO | 65B4 | RECHT: ORTHO | 10 | 122.5E | OM | 1974 | DMATC |
| 250k | LO | 65C1 | KING: ORTHO | 6 | 122.5E | OM | 1974 | DMATC |
| 250k | LO | 65C4 | ZANSTRA: ORTHO | 2 | 122.5E | OM | 1974 | DMATC |
| 250k | LO | 65D2 | KATCHALSKY: ORTHO | 6 | 117.5E | OM | 1974 | DMATC |
| 250k | LO | 65D3 | ABULWAFA: ORTHO | 2 | 117.5E | OM | 1975 | DMATC |
| 250k | LO | 66A3 | RUTHERFORD: ORTHO | 10 | 137.5E | OM | 1974 | DMATC |
| 250k | LO | 66B4 | GLAUBER: ORTHO | 10 | 142.5E | OM | 1974 | DMATC |
| 250k | LO | 66C1 | FISCHER: ORTHO | 6 | 142.5E | OM | 1974 | DMATC |
| 250k | LO | 66D2 | BERGMAN: ORTHO | 6 | 137.5E | OM | 1974 | DMATC |
| 250k | LO | 75C1 | SCHEELE: ORTHO | -10 | 37.5W | OM | 1974 | DMATC |
| 250k | LO | 75C2 | NORMAN: ORTHO | -10 | 32.5W | OM | 1974 | DMATC |
| 250k | LO | 75D2 | WINTHROP: ORTHO | -10 | 42.5W | OM | 1974 | DMATC |
| 250k | LO | 76C1 | BONPLAND: ORTHO | -10 | 17.5W | OM | 1974 | DMATC |
| 250k | LO | 76C2 | GUERICKE: ORTHO | -10 | 12.5W | OM | 1974 | DMATC |
| 250k | LO | 76D1 | EPPINGER: ORTHO | -10 | 27.5W | OM | 1974 | DMATC |
| 250k | LO | 76D2 | KUIPER: ORTHO | -10 | 22.5W | OM | 1974 | DMATC |
| 250k | LO | 77A3 | HERSCHEL: ORTHO | -6 | 2.5W | OM | 1979 | DMATC |
| 250k | LO | 77B3 | HIPPARCHUS: ORTHO | -6 | 7.5E | OM | 1979 | DMATC |
| 250k | LO | 77B4 | GLYDEN: ORTHO | -6 | 2.5E | OM | 1979 | DMATC |
| 250k | LO | 77C1 | ALBATEGNIUS: ORTHO | -10 | 2.5E | OM | 1974 | DMATC |
| 250k | LO | 77C2 | HALLEY: ORTHO | -10 | 7.5E | OM | 1974 | DMATC |

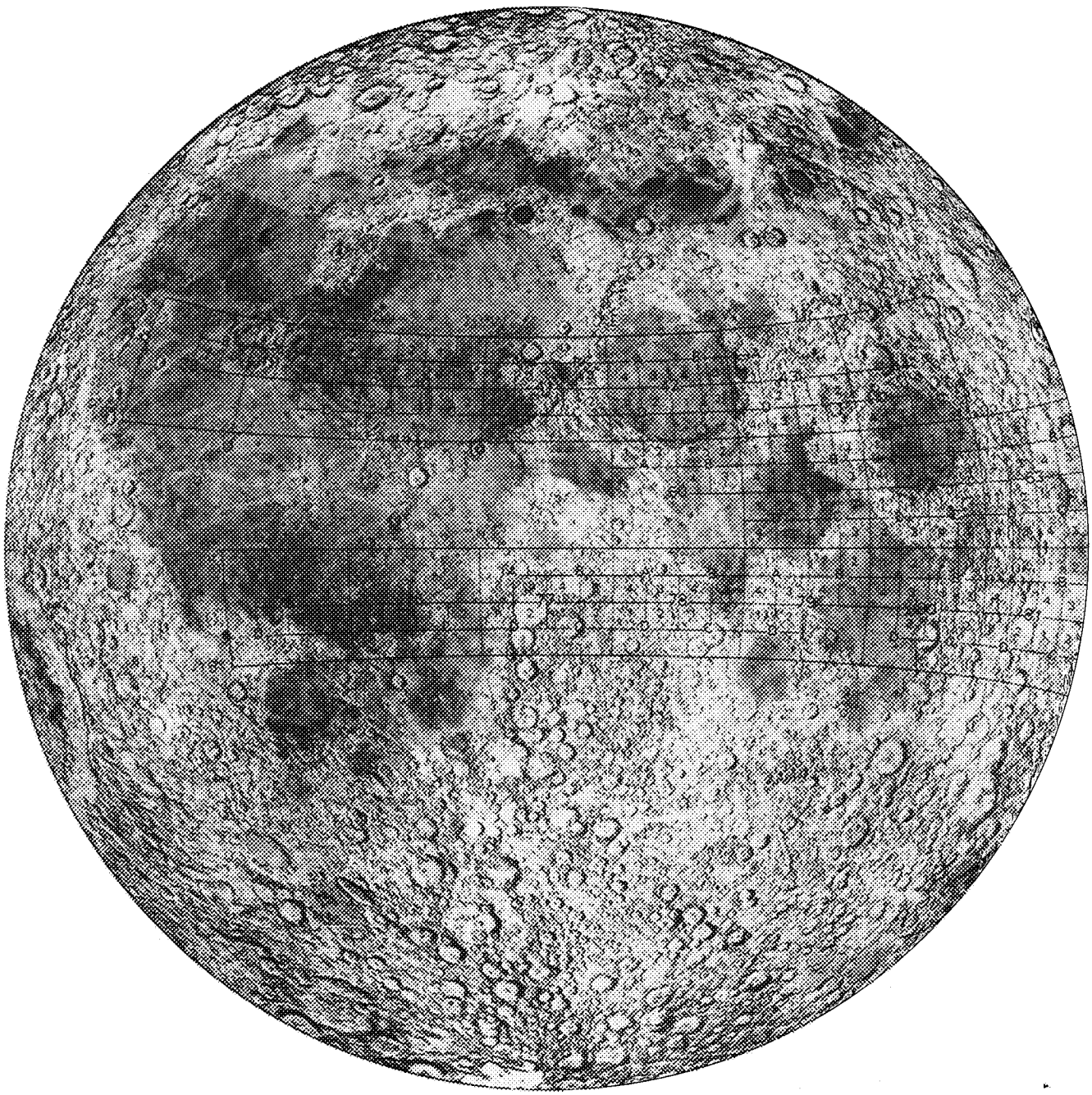


Figure 21. Index map showing the location of LO 1:250,000-scale sheets.

## 1:250,000 ORTHOPHOTOMOSAICS

| SCALE | MAP | | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| 250k | LO | 77D1 | DAVY: ORTHO | -10 | 7.5W | OM | 1974 | DMATC |
| 250k | LO | 77D2 | AMMONIUS: ORTHO | -10 | 2.5W | OM | 1974 | DMATC |
| 250k | LO | 78A3 | ALFRAGNUS: ORTHO | - 6 | 17.5E | OM | 1974 | DMATC |
| 250k | LO | 78A4 | LINDSAY: ORTHO | - 6 | 12.5E | OM | 1979 | DMATC |
| 250k | LO | 78B3 | TORRICELLI: ORTHO | - 6 | 27.5E | OM | 1974 | DMATC |
| 250k | LO | 78B4 | HYPATIA: ORTHO | - 6 | 22.5E | OM | 1974 | DMATC |
| 250k | LO | 78C1 | KANT: ORTHO | -10 | 22.5E | OM | 1974 | DMATC |
| 250k | LO | 78C2 | MADLER: ORTHO | -10 | 27.5E | OM | 1974 | DMATC |
| 250k | LO | 78D1 | ANDEL: ORTHO | -10 | 12.5E | OM | 1974 | DMATC |
| 250k | LO | 78D2 | DESCARTES: ORTHO | -10 | 17.5E | OM | 1974 | DMATC |
| 250k | LO | 79A2 | LEAKEY: ORTHO | - 2 | 37.5E | OM | 1974 | DMATC |
| 250k | LO | 79A3 | CAPELLA: ORTHO | - 6 | 37.5E | OM | 1974 | DMATC |
| 250k | LO | 79A4 | ISIDORUS: ORTHO | - 6 | 32.5E | OM | 1974 | DMATC |
| 250k | LO | 79B1 | LUBBOCK: ORTHO | - 2 | 42.5E | OM | 1974 | DMATC |
| 250k | LO | 79B2 | MESSIER: ORTHO | - 2 | 47.5E | OM | 1974 | DMATC |
| 250k | LO | 79B3 | AMONTONS: ORTHO | - 6 | 47.5E | OM | 1974 | DMATC |
| 250k | LO | 79B4 | GUTENBERG: ORTHO | - 6 | 42.5E | OM | 1974 | DMATC |
| 250k | LO | 79D1 | DAGUERRE: ORTHO | -10 | 32.5E | OM | 1974 | DMATC |
| 250k | LO | 79D2 | GAUDIBERT: ORTHO | -10 | 37.5E | OM | 1974 | DMATC |
| 250k | LO | 80A1 | GEIKIE: ORTHO | - 2 | 52.5E | OM | 1974 | DMATC |
| 250k | LO | 80A2 | WEBB: ORTHO | - 2 | 57.5E | OM | 1974 | DMATC |
| 250k | LO | 80A3 | BILHARZ: ORTHO | - 6 | 57.5E | OM | 1974 | DMATC |
| 250k | LO | 80A4 | LINDBERGH: ORTHO | - 6 | 52.5E | OM | 1974 | DMATC |
| 250k | LO | 80B1 | MORLEY: ORTHO | - 2 | 62.5E | OM | 1974 | DMATC |
| 250k | LO | 80B2 | MACLAURIN: ORTHO | - 2 | 67.5E | OM | 1974 | DMATC |
| 250k | LO | 80B3 | BORN: ORTHO | - 6 | 67.5E | OM | 1976 | DMATC |
| 250k | LO | 80B4 | ACOSTA: ORTHO | - 6 | 62.5E | OM | 1974 | DMATC |
| 250k | LO | 80C1 | SOMERVILLE: ORTHO | -10 | 62.5E | OM | 1974 | DMATC |
| 250k | LO | 80C2 | BARKLA: ORTHO | -10 | 67.5E | OM | 1977 | DMATC |
| 250k | LO | 80D2 | AL-MARRAKUSHI: ORTHO | -10 | 57.5E | OM | 1974 | DMATC |
| 250k | LO | 81A1 | RANKINE: ORTHO | - 2 | 72.5E | OM | 1974 | DMATC |
| 250k | LO | 81A2 | GILBERT: ORTHO | - 2 | 77.5E | OM | 1974 | DMATC |
| 250k | LO | 81A3 | KASTNER: ORTHO | - 6 | 77.5E | OM | 1975 | DMATC |
| 250k | LO | 81A4 | VON BEHRING: ORTHO | - 6 | 72.5E | OM | 1975 | DMATC |
| 250k | LO | 81B1 | HALDANE: ORTHO | - 2 | 82.5E | OM | 1973 | DMATC |
| 250k | LO | 81B2 | RUNGE: ORTHO | - 2 | 87.5E | OM | 1973 | DMATC |
| 250k | LO | 81B3 | WIDMANNSTATTEN: ORTHO | - 6 | 87.5E | OM | 1973 | DMATC |
| 250k | LO | 81B4 | KIESS: ORTHO | - 6 | 82.5E | OM | 1973 | DMATC |
| 250k | LO | 81C1 | KREIKEN: ORTHO | -10 | 82.5E | OM | 1973 | DMATC |
| 250k | LO | 81C2 | HOUTERMANS: ORTHO | -10 | 87.5E | OM | 1973 | DMATC |
| 250k | LO | 81D1 | KAPTEYN: ORTHO | -10 | 72.5E | OM | 1979 | DMATC |
| 250k | LO | 81D2 | LA PEROUSE: ORTHO | -10 | 77.5E | OM | 1977 | DMATC |
| 250k | LO | 82A1 | PURKYNE: ORTHO | - 2 | 92.5E | OM | 1973 | DMATC |
| 250k | LO | 82A2 | WYLD: ORTHO | - 2 | 97.5E | OM | 1973 | DMATC |
| 250k | LO | 82A3 | LUDWIG: ORTHO | - 6 | 97.5E | OM | 1973 | DMATC |
| 250k | LO | 82A4 | HIRAYAMA: ORTHO | - 6 | 92.5E | OM | 1973 | DMATC |
| 250k | LO | 82D1 | BRUNNER: ORTHO | -10 | 92.5E | OM | 1973 | DMATC |

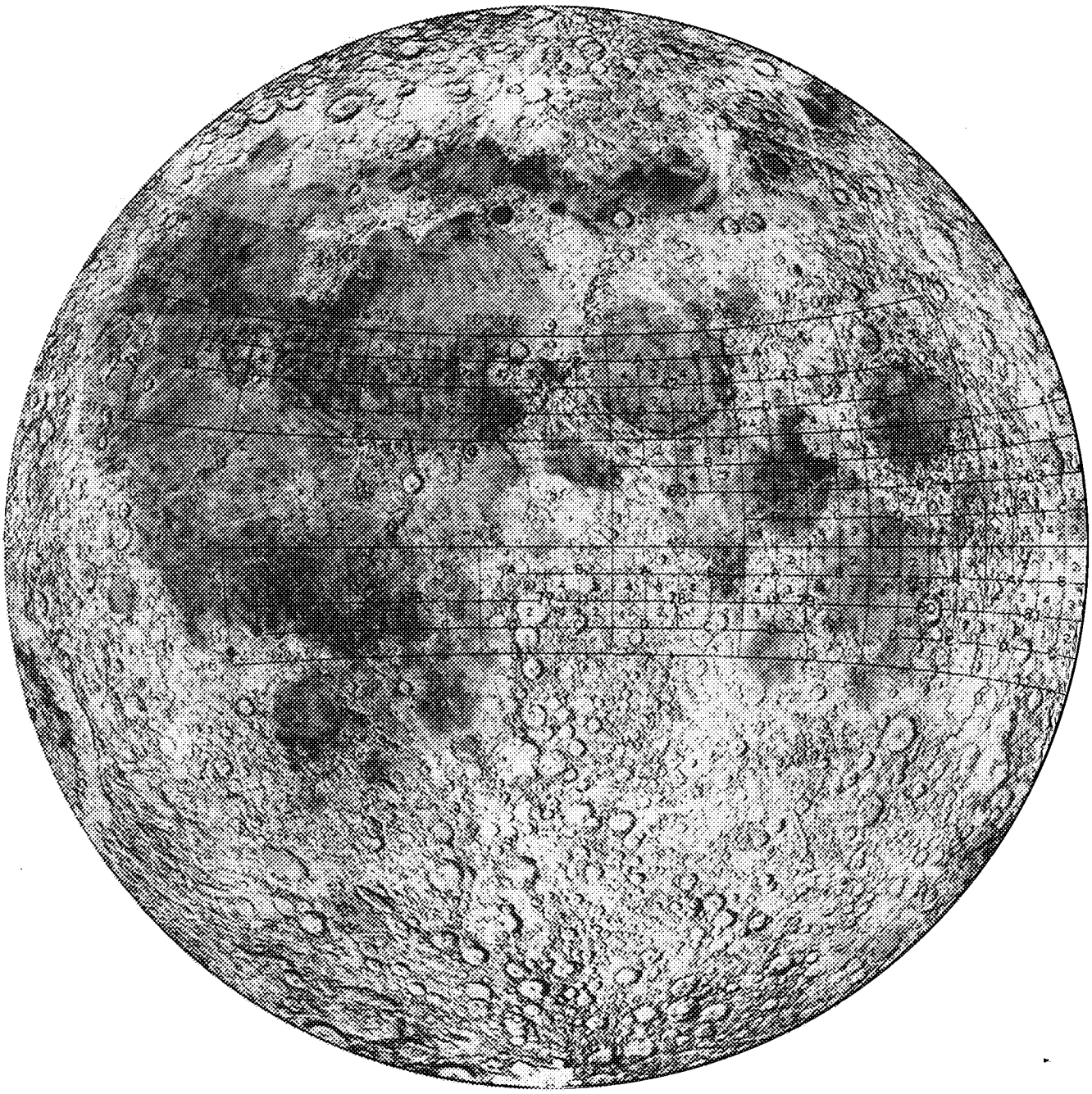


Figure 22. Index map showing the location of LO 1:250,000-scale sheets.

## 1:250,000 ORTHOPHOTOMOSAICS

| SCALE | MAP | | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| 250k | LO | 82D2 | GANSKIJ: ORTHO | -10 | 97.5E | OM | 1973 | DMATC |
| 250k | LO | 83B4 | NECHO: ORTHO | - 6 | 122.5E | OM | 1976 | DMATC |
| 250k | LO | 83C1 | DANJON: ORTHO | -10 | 122.5E | OM | 1974 | DMATC |
| 250k | LO | 83C3 | DOBROVOLSHIJ: ORTHO | -14 | 127.5E | OM | 1973 | DMATC |
| 250k | LO | 83C4 | DELPORTE: ORTHO | -14 | 122.5E | OM | 1973 | DMATC |
| 250k | LO | 83D2 | SHERRINGTON: ORTHO | -10 | 117.5E | OM | 1974 | DMATC |
| 250k | LO | 84B3 | TAMM: ORTHO | - 6 | 147.5E | OM | 1976 | DMATC |
| 250k | LO | 84D4 | VOLKOV: ORTHO | -14 | 132.5E | OM | 1973 | DMATC |
| 250k | LO | 85A4 | CHAPLYGIN: ORTHO | - 6 | 152.5E | OM | 1979 | DMATC |
| 250k | LO | 85C1 | PLANTE: ORTHO | -10 | 162.5E | OM | 1979 | DMATC |
| 250k | LO | 85C2 | HEAVISIDE: ORTHO | -10 | 167.5E | OM | 1979 | DMATC |
| 250k | LO | 85C3 | IBN HAYYAN: ORTHO | -14 | 167.5E | OM | 1976 | DMATC |
| 250k | LO | 86D4 | AITKEN BOREALIS: ORTHO | -14 | 172.5E | OM | 1976 | DMATC |
| 250k | LO | 100A1 | SKLODOWSKA OCCIDENTALIS | -18 | 92.5E | OM | 1977 | DMATC |
| 250k | LO | 100A2 | DKLODOWSKA ORIENTALIS: ORTHO | -18 | 97.5E | OM | 1976 | DMATC |
| 250k | LO | 100C1 | TITIUS: ORTHO | -22 | 102.5E | OM | 1974 | DMATC |
| 250k | LO | 101B1 | LITKE: ORTHO | -18 | 122.5E | OM | 1973 | DMATC |
| 250k | LO | 101B2 | TSIOLKOVSKIJ BOREALIS: ORTHO | -18 | 127.5E | OM | 1973 | DMATC |
| 250k | LO | 101B3 | TSIOLKOVSKIJ AUSTRALIS | -22 | 127.5E | OM | 1979 | DMATC |
| 250k | LO | 101B4 | BABAKIN: ORTHO | -22 | 122.5E | OM | 1973 | DMATC |
| 250k | LO | 101C1 | NEUJMIN: ORTHO | -26 | 122.5E | OM | 1973 | DMATC |
| 250k | LO | 101C2 | WATERMAN: ORTHO | -26 | 127.5E | OM | 1973 | DMATC |
| 250k | LO | 102A1 | PATSAEV: ORTHO | -18 | 132.5E | OM | 1973 | DMATC |
| 250k | LO | 102A4 | FESENKOV: ORTHO | -22 | 132.5E | OM | 1973 | DMATC |
| 250k | LO | 102B2 | ISAEV: ORTHO | -18 | 147.5E | OM | 1974 | DMATC |
| 250k | LO | 102B3 | ANDRONOV: ORTHO | -22 | 147.5E | OM | 1974 | DMATC |
| 250k | LO | 102D1 | STARK: ORTHO | -26 | 132.5E | OM | 1973 | DMATC |
| 250k | LO | 103A1 | GRAVE: ORTHO | -18 | 152.5E | OM | 1974 | DMATC |
| 250k | LO | 103A4 | RASPLETIN: ORTHO | -22 | 152.5E | OM | 1974 | DMATC |
| 250k | LO | 103B2 | ZWICKY: ORTHO | -18 | 167.5E | OM | 1976 | DMATC |
| 250k | LO | 104A1 | AITKEN AUSTRALIS: ORTHO | -18 | 172.5E | OM | 1976 | DMATC |

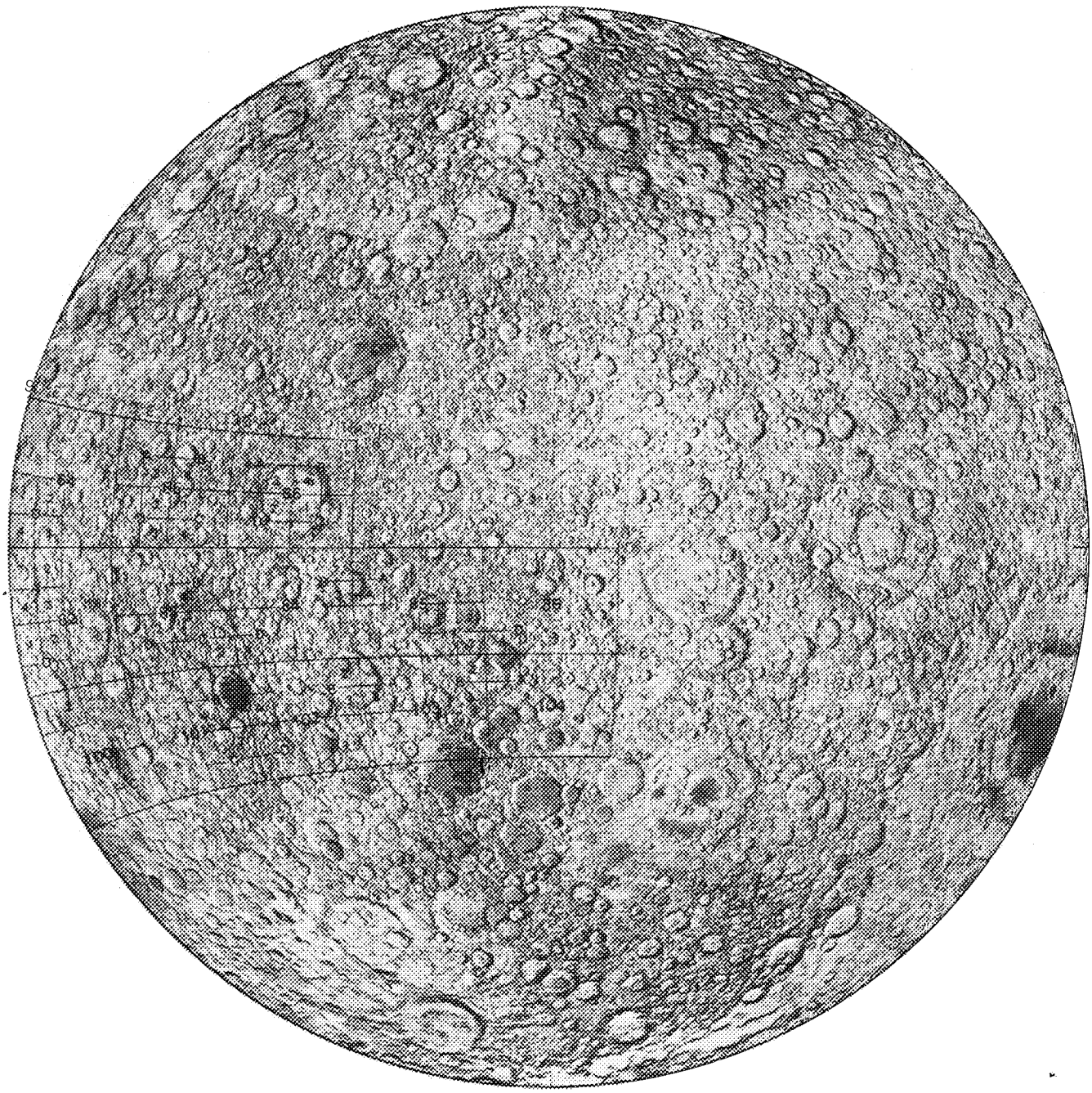


Figure 23. Index map showing the location of LO 1:250,000-scale farside sheets.

## 1:250,000 TOPOGRAPHIC ORTHOPHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 250k | LTO 38B1 | HUMASON: TOPO 1st ED. | 30 | 57.5W | OMT | 1973 * | DMATC |
| 250k | LTO 38B1 | HUMASON: TOPO 2nd ED. | 30 | 57.5W | OMT | 1974 | DMATC |
| 250k | LTO 38B2 | NIELSEN: TOPO 4th ED. | 30 | 52.5W | OMT | 1975 | DMATC |
| 250k | LTO 38B2 | NIELSEN: TOPO 2nd ED. | 30 | 52.5W | OMT | 1974 * | DMATC |
| 250k | LTO 38B2 | NIELSEN: TOPO 1st ED. | 30 | 52.5W | OMT | 1973 * | DMATC |
| 250k | LTO 38B3 | FREUD: TOPO 2nd ED. | 26 | 52.5W | OMT | 1974 | DMATC |
| 250k | LTO 38B3 | FREUD: TOPO 1st ED. | 26 | 52.5W | OMT | 1973 * | DMATC |
| 250k | LTO 38B4 | ZINNER: TOPO 1st ED. | 26 | 57.5W | OMT | 1973 * | DMATC |
| 250k | LTO 38B4 | ZINNER: TOPO 2nd ED. | 26 | 57.5W | OMT | 1974 | DMATC |
| 250k | LTO 39A1 | KRIEGER: TOPO | 30 | 47.5W | OMT | 1973 | DMATC |
| 250k | LTO 39A2 | ANGSTOM: TOPO | 30 | 42.5W | OMT | 1973 | DMATC |
| 250k | LTO 39A3 | PRINZ: TOPO 2nd ED. | 26 | 42.5W | OMT | 1974 | DMATC |
| 250k | LTO 39A3 | PRINZ: TOPO 1st ED. | 26 | 42.5W | OMT | 1973 * | DMATC |
| 250k | LTO 39A4 | VAISALA: TOPO 2nd ED. | 26 | 47.5W | OMT | 1974 | DMATC |
| 250k | LTO 39A4 | VAISALA: TOPO 1st ED. | 26 | 47.5W | OMT | 1973 * | DMATC |
| 250k | LTO 39B1 | FEDEROV: TOPO | 30 | 37.5W | OMT | 1974 | DMATC |
| 250k | LTO 39B2 | DELISLE: TOPO | 30 | 32.5W | OMT | 1974 | DMATC |
| 250k | LTO 39B3 | DIOPHANTUS: TOPO | 26 | 37.5W | OMT | 1974 | DMATC |
| 250k | LTO 39B4 | ARTSIMOVICH: TOPO | 26 | 37.5W | OMT | 1974 | DMATC |
| 250k | LTO 39C1 | BRAYLEV: TOPO | 22 | 37.5W | OMT | 1975 | DMATC |
| 250k | LTO 39C2 | MONS VINOGRADOV: TOPO | 22 | 32.5W | OMT | 1979 | DMATC |
| 250k | LTO 40A1 | CAVENTOU: TOPO | 30 | 27.5W | OMT | 1974 | DMATC |
| 250k | LTO 40A2 | MCDONALD: TOPO | 30 | 22.5W | OMT | 1974 | DMATC |
| 250k | LTO 40A3 | LAMBERT: TOPO | 26 | 22.5W | OMT | 1974 | DMATC |
| 250k | LTO 40A4 | LA HIRE: TOPO | 26 | 27.5W | OMT | 1974 | DMATC |
| 250k | LTO 40B1 | SAMPSON: TOPO | 30 | 17.5W | OMT | 1974 | DMATC |
| 250k | LTO 40B2 | LANDSTEINER: TOPO | 30 | 12.5W | OMT | 1974 | DMATC |
| 250k | LTO 40B3 | KOVALEVSKIJ: TOPO | 26 | 12.5W | OMT | 1974 | DMATC |
| 250k | LTO 40B4 | HEINRICH: TOPO | 26 | 17.5W | OMT | 1974 | DMATC |
| 250k | LTO 40C2 | PUPIN: TOPO | 22 | 12.5W | OMT | 1974 | DMATC |
| 250k | LTO 40D1 | EULER: TOPO | 22 | 27.5W | OMT | 1976 | DMATC |
| 250k | LTO 40D2 | PYTHEAS: TOPO | 22 | 22.5W | OMT | 1976 | DMATC |
| 250k | LTO 41A3 | SPURR: TOPO | 26 | 2.5W | OMT | 1973 * | DMATC |
| 250k | LTO 41A3 | SPURR: TOPO 2nd ED. | 26 | 2.5W | OMT | 1974 | DMATC |
| 250k | LTO 41A4 | BEER: TOPO | 26 | 7.5W | OMT | 1974 | DMATC |
| 250k | LTO 41B3 | JOY: TOPO | 26 | 7.5E | OMT | 1974 | DMATC |
| 250k | LTO 41B4 | HADLEY: TOPO 2nd ED. | 26 | 2.5E | OMT | 1975 | DMATC |
| 250k | LTO 41B4 | HADLEY: TOPO 1st ED. | 26 | 2.5E | OMT | 1974 * | DMATC |
| 250k | LTO 41C1 | CONON: TOPO | 22 | 2.5E | OMT | 1974 | DMATC |
| 250k | LTO 41C2 | GALEN: TOPO | 22 | 7.5E | OMT | 1974 | DMATC |
| 250k | LTO 41C3 | BOWEN: TOPO | 18 | 7.5E | OMT | 1974 * | DMATC |
| 250k | LTO 41C3 | BOWEN: TOPO 2nd ED. | 18 | 7.5E | OMT | 1975 | DMATC |
| 250k | LTO 41C4 | YANGEL: TOPO 2nd ED. | 18 | 2.5E | OMT | 1974 | DMATC |
| 250k | LTO 41C4 | YANGEL: TOPO | 18 | 2.5E | OMT | 1974 * | DMATC |
| 250k | LTO 41D1 | WALLACE: TOPO | 22 | 7.5W | OMT | 1974 | DMATC |
| 250k | LTO 41D2 | HUXLEY: TOPO | 22 | 2.5W | OMT | 1974 | DMATC |
| 250k | LTO 42A3 | BANTING: TOPO | 26 | 17.5E | OMT | 1974 | DMATC |
| 250k | LTO 42A4 | LINNE: TOPO | 26 | 12.5E | OMT | 1974 * | DMATC |

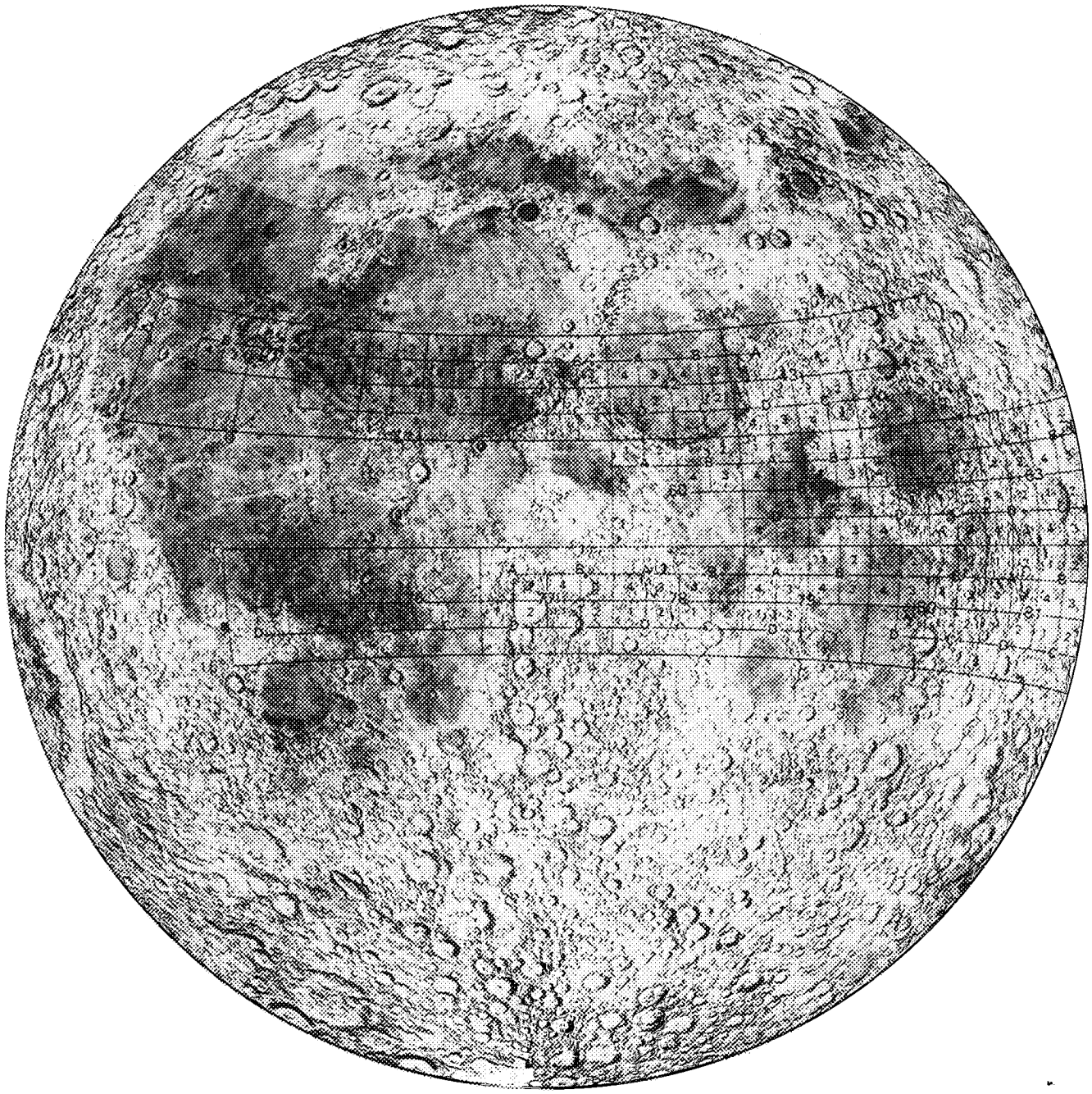


Figure 24. Index map showing the location of LTO 1:250,000-scale sheets.

## 1:250,000 TOPOGRAPHIC ORTHOPHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 250k | LTO 42A4 | LINNE: TOPO 2nd ED. | 26 | 12.5E | OMT | 1974 | DMATC |
| 250k | LTO 42B3 | VERY: TOPO | 26 | 27.5E | OMT | 1974 | DMATC |
| 250k | LTO 42B4 | SARABHAI: TOPO | 26 | 22.5E | OMT | 1974 | DMATC |
| 250k | LTO 42C1 | DESEILLIGNY: TOPO | 22 | 22.5E | OMT | 1974 | DMATC |
| 250k | LTO 42C2 | CLERKE: TOPO | 22 | 27.5E | OMT | 1974 | DMATC |
| 250k | LTO 42C3 | DAWES: TOPO 2nd ED. | 18 | 27.5E | OMT | 1975 | DMATC |
| 250k | LTO 42C3 | DAWES: TOPO | 18 | 27.5E | OMT | 1974 * | DMATC |
| 250k | LTO 42C4 | BRACKETT: TOPO | 18 | 22.5E | OMT | 1974 | DMATC |
| 250k | LTO 42D1 | HORNSBY: TOPO 2nd ED. | 22 | 12.5E | OMT | 1974 | DMATC |
| 250k | LTO 42D1 | HORNSBY: TOPO | 22 | 12.5E | OMT | 1973 * | DMATC |
| 250k | LTO 42D2 | BESSEL: TOPO | 22 | 17.5E | OMT | 1974 | DMATC |
| 250k | LTO 42D3 | MENELAUS: TOPO | 18 | 17.5E | OMT | 1974 | DMATC |
| 250k | LTO 42D4 | SULPICIUS GALLUS: TOPO | 18 | 12.5E | OMT | 1974 | DMATC |
| 250k | LTO 43A4 | 1e MONNIER: TOPO | 26 | 32.5E | OMT | 1974 | DMATC |
| 250k | LTO 43C1 | HILL: TOPO | 22 | 42.5E | OMT | 1974 | DMATC |
| 250k | LTO 43C2 | MACROBIUS: TOPO | 22 | 47.5E | OMT | 1979 | DMATC |
| 250k | LTO 43C3 | PROCLUS: TOPO | 18 | 47.5E | OMT | 1974 | DMATC |
| 250k | LTO 43C4 | CARMICHAEL: TOPO | 18 | 42.5E | OMT | 1974 | DMATC |
| 250k | LTO 43D1 | LITTROW: TOPO 2nd ED. | 22 | 32.5E | OMT | 1974 | DMATC |
| 250k | LTO 43D1 | LITTROW: TOPO | 22 | 32.5E | OMT | 1974 * | DMATC |
| 250k | LTO 43D2 | FRANCK: TOPO | 22 | 37.5E | OMT | 1974 | DMATC |
| 250k | LTO 43D3 | THEOPHRASTUS: TOPO | 18 | 37.5E | OMT | 1974 | DMATC |
| 250k | LTO 43D4 | VITRUVIUS: TOPO | 18 | 32.5E | OMT | 1974 | DMATC |
| 250k | LTO 44D3 | ECKERT: TOPO | 18 | 57.5E | OMT | 1974 | DMATC |
| 250k | LTO 44D4 | PEIRCE: TOPO 2nd ED. | 18 | 52.5E | OMT | 1974 | DMATC |
| 250k | LTO 44D4 | PEIRCE: TOPO | 18 | 52.5E | OMT | 1974 * | DMATC |
| 250k | LTO 60A1 | DAUBREE: TOPO | 14 | 12.5E | OMT | 1973 | DMATC |
| 250k | LTO 60A2 | AUWERS: TOPO | 14 | 17.5E | OMT | 1974 | DMATC |
| 250k | LTO 60B1 | PLINIUS: TOPO | 14 | 22.5E | OMT | 1974 | DMATC |
| 250k | LTO 60B2 | JANSEN: TOPO | 14 | 27.5E | OMT | 1974 | DMATC |
| 250k | LTO 60B3 | CARREL: TOPO | 10 | 27.5E | OMT | 1977 | DMATC |
| 250k | LTO 60B4 | ROSS: TOPO | 10 | 22.5E | OMT | 1979 | DMATC |
| 250k | LTO 61A1 | CAJAL: TOPO | 14 | 32.5E | OMT | 1974 | DMATC |
| 250k | LTO 61A2 | LUCIAN: TOPO 2nd ED. | 14 | 37.5E | OMT | 1974 | DMATC |
| 250k | LTO 61A2 | LUCIAN: TOPO | 14 | 37.5E | OMT | 1974 * | DMATC |
| 250k | LTO 61A3 | CAUCHY: TOPO | 10 | 37.5E | OMT | 1974 | DMATC |
| 250k | LTO 61A4 | _____: TOPO | 10 | 32.5E | OMT | ____ | DMATC |
| 250k | LTO 61B1 | LYELL: TOPO | 14 | 42.5E | OMT | 1974 | DMATC |
| 250k | LTO 61B2 | GLAISHER: TOPO | 14 | 47.5E | OMT | 1974 | DMATC |
| 250k | LTO 61B3 | WATTS: TOPO | 10 | 47.5E | OMT | 1974 | DMATC |
| 250k | LTO 61B4 | DA VINCI: TOPO | 10 | 42.5E | OMT | 1973 | DMATC |
| 250k | LTO 61C1 | LAWRENCE: TOPO | 6 | 42.5E | OMT | 1974 | DMATC |
| 250k | LTO 61C2 | CAMERON: TOPO | 6 | 47.5E | OMT | 1974 | DMATC |
| 250k | LTO 61C3 | AMVILLE: TOPO | 2 | 47.5E | OMT | 1974 | DMATC |
| 250k | LTO 61C4 | SECCHI: TOPO | 2 | 42.5E | OMT | 1974 | DMATC |
| 250k | LTO 61D1 | WALLACH: TOPO | 6 | 32.5E | OMT | 1979 | DMATC |
| 250k | LTO 61D2 | ARYABHATA: TOPO | 6 | 37.5E | OMT | 1979 | DMATC |
| 250k | LTO 61D3 | MENZEL: TOPO | 2 | 37.5E | OMT | 1979 | DMATC |

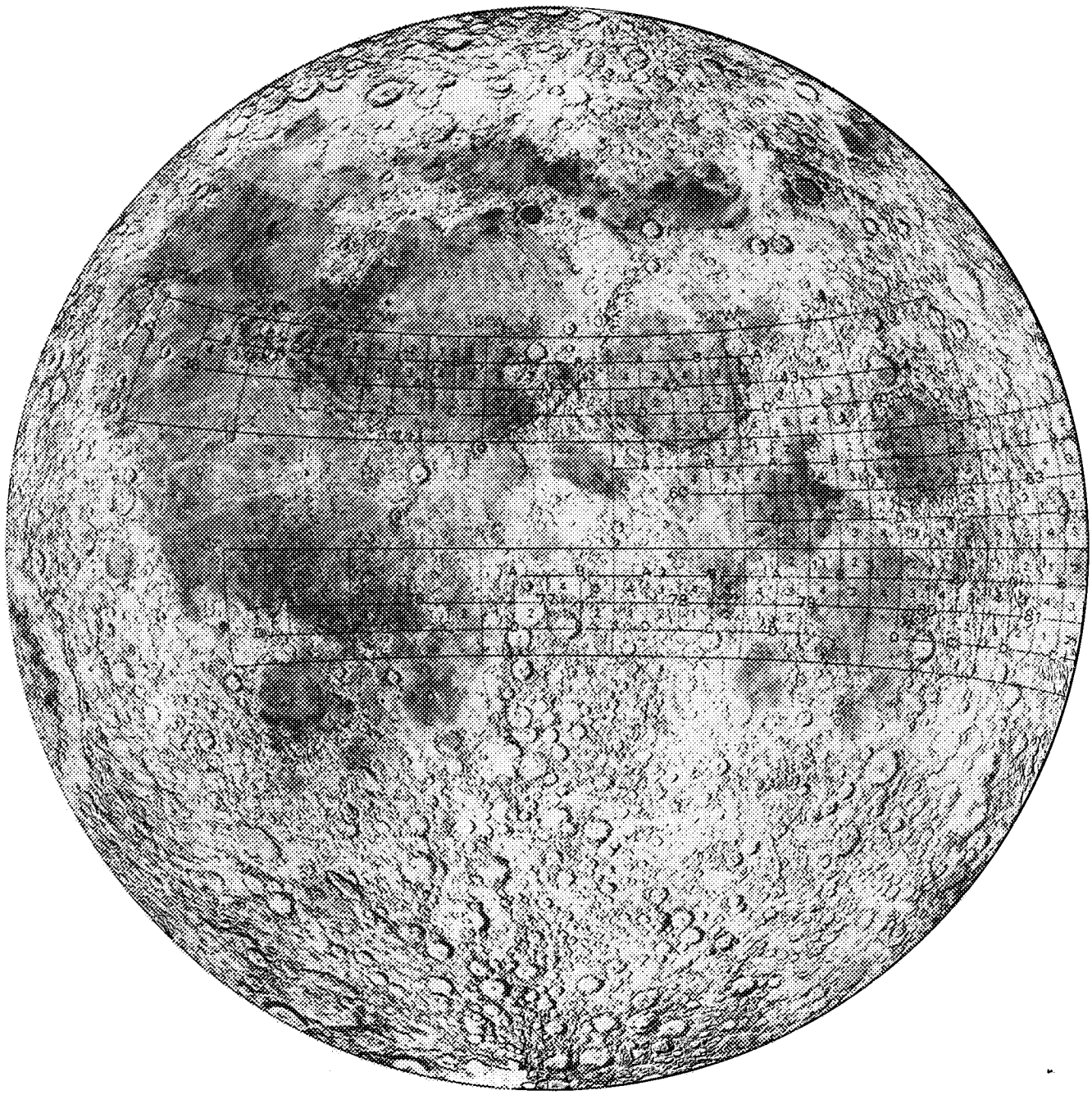


Figure 25. Index map showing the location of LTO 1:250,000-scale sheets.

## 1:250,000 TOPOGRAPHIC ORTHOPHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 250k | LTO 61D4 | MASKELYNE ORIENTALIS: TOPO | 2 | 32.5E | OMT | 1979 | DMATC |
| 250k | LTO 62A1 | YERKES: TOPO | 14 | 52.5E | OMT | 1974 | DMATC |
| 250k | LTO 62A2 | CURTIS: TOPO | 14 | 57.5E | OMT | 1974 | DMATC |
| 250k | LTO 62A3 | SHAPLEY: TOPO | 10 | 57.5E | OMT | 1974 | DMATC |
| 250k | LTO 62A4 | TEBBUTT: TOPO | 10 | 52.5E | OMT | 1974 | DMATC |
| 250k | LTO 62B1 | FAHRENHEIT: TOPO | 14 | 62.5E | OMT | 1974 | DMATC |
| 250k | LTO 62B2 | CONDORCET: TOPO | 14 | 67.5E | OMT | 1974 | DMATC |
| 250k | LTO 62B3 | KROGH: TOPO | 10 | 67.5E | OMT | 1974 | DMATC |
| 250k | LTO 62B4 | AUZOT: TOPO | 10 | 62.5E | OMT | 1974 | DMATC |
| 250k | LTO 62C1 | FIRMICUS: TOPO | 6 | 62.5E | OMT | 1974 | DMATC |
| 250k | LTO 62C2 | DUBYAGO: TOPO | 6 | 67.5E | OMT | 1974 | DMATC |
| 250k | LTO 62C3 | POMORTSEV: TOPO | 2 | 67.5E | OMT | 1974 | DMATC |
| 250k | LTO 62C4 | CONDON: TOPO | 2 | 62.5E | OMT | 1974 | DMATC |
| 250k | LTO 62D1 | ABBOT: TOPO | 6 | 52.5E | OMT | 1974 | DMATC |
| 250k | LTO 62D2 | DALY: TOPO | 6 | 57.5E | OMT | 1974 | DMATC |
| 250k | LTO 62D3 | AMEGHINO: TOPO | 2 | 57.5E | OMT | 1974 | DMATC |
| 250k | LTO 62D4 | SMITHSON: TOPO | 2 | 52.5E | OMT | 1974 | DMATC |
| 250k | LTO 63A2 | SABATIER: TOPO | 14 | 77.5E | OMT | 1979 | DMATC |
| 250k | LTO 63A3 | WILDT: TOPO | 10 | 77.5E | OMT | 1979 | DMATC |
| 250k | LTO 63A4 | CONDORCET SE: TOPO | 10 | 72.5E | OMT | 1979 | DMATC |
| 250k | LTO 63B1 | THEILER: TOPO | 14 | 82.5E | OMT | 1976 | DMATC |
| 250k | LTO 63B2 | GODDARD: TOPO | 14 | 87.5E | OMT | 1976 | DMATC |
| 250k | LTO 63B3 | JANSKY: TOPO | 10 | 87.5E | OMT | 1975 | DMATC |
| 250k | LTO 63B4 | VIRCHOW: TOPO | 10 | 82.5E | OMT | 1976 | DMATC |
| 250k | LTO 63C1 | KNOX-SHAW: TOPO | 6 | 82.5E | OMT | 1974 | DMATC |
| 250k | LTO 63C2 | TACHINNI: TOPO | 6 | 87.5E | OMT | 1974 | DMATC |
| 250k | LTO 63C3 | PEEK: TOPO | 2 | 87.5E | OMT | 1973 | DMATC |
| 250k | LTO 63C4 | SCHUBERT: TOPO | 2 | 82.5E | OMT | 1973 | DMATC |
| 250k | LTO 63D1 | BOETHIUS: TOPO | 6 | 72.5E | OMT | 1974 | DMATC |
| 250k | LTO 63D2 | BANACHIEWICZ NW: TOPO | 6 | 77.5E | OMT | 1979 | DMATC |
| 250k | LTO 63D3 | NOBILI: TOPO | 2 | 77.5E | OMT | 1974 | DMATC |
| 250k | LTO 63D4 | RESPIGHI: TOPO | 2 | 72.5E | OMT | 1974 | DMATC |
| 250k | LTO 64D1 | NUNN: TOPO | 14 | 92.5E | OMT | 1974 | DMATC |
| 250k | LTO 64D2 | ERRO: TOPO | 14 | 97.5E | OMT | 1974 | DMATC |
| 250k | LTO 64D3 | FOX: TOPO | 10 | 97.5E | OMT | 1974 | DMATC |
| 250k | LTO 64D4 | MCADIE: TOPO | 10 | 92.5E | OMT | 1974 | DMATC |
| 250k | LTO 65A3 | GUYOT: TOPO | 10 | 117.5E | OMT | 1974 | DMATC |
| 250k | LTO 65B4 | RECHT: TOPO | 10 | 122.5E | OMT | 1974 | DMATC |
| 250k | LTO 65C1 | KING: TOPO | 6 | 122.5E | OMT | 1974 | DMATC |
| 250k | LTO 65C4 | ZANSTRA: TOPO | 2 | 122.5E | OMT | 1974 | DMATC |
| 250k | LTO 65D2 | KATCHALSKY: TOPO 2nd ed | 6 | 117.5E | OMT | 1975 | DMATC |
| 250k | LTO 65D2 | KATCHALSKY: TOPO | 6 | 117.5E | OMT | 1974 * | DMATC |
| 250k | LTO 65D3 | ABULWAFA: TOPO | 2 | 117.5E | OMT | 1975 | DMATC |
| 250k | LTO 66A3 | RUTHERFORD: TOPO | 10 | 137.5E | OMT | 1974 | DMATC |
| 250k | LTO 66B4 | GLAUBER: TOPO | 10 | 142.5E | OMT | 1974 | DMATC |
| 250k | LTO 66C1 | FISCHER: TOPO | 6 | 142.5E | OMT | 1974 | DMATC |
| 250k | LTO 66D2 | BERGMAN: TOPO | 6 | 137.5E | OMT | 1974 | DMATC |
| 250k | LTO 75C1 | SCHEELE: TOPO | -10 | 37.5W | OMT | 1974 | DMATC |

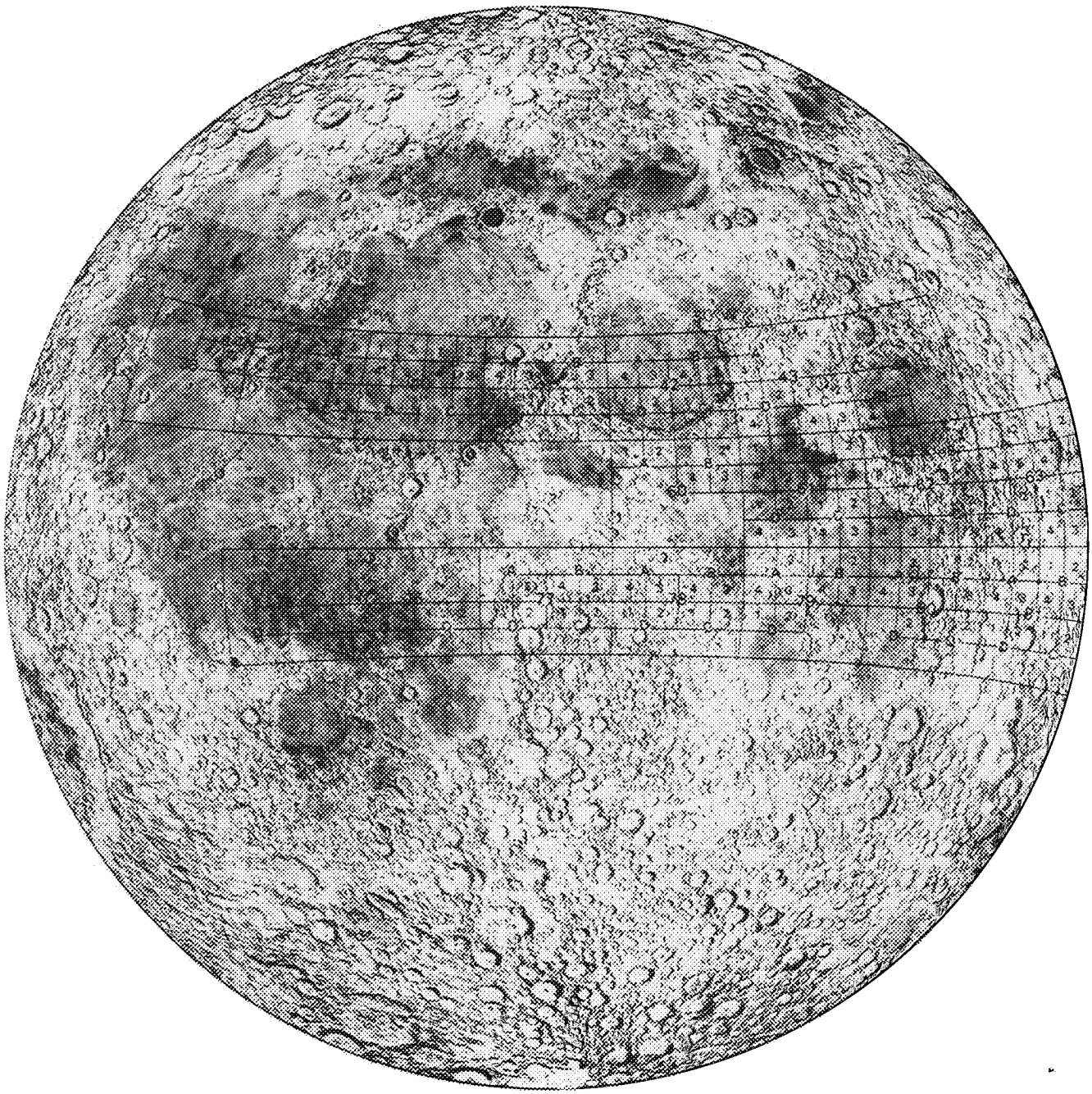


Figure 26. Index map showing the location of LTO 1:250,000-scale sheets.

## 1:250,000 TOPOGRAPHIC ORTHOPHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 250k | LTO 75C2 | NORMAN: TOPO | -10 | 32.5W | OMT | 1974 | DMATC |
| 250k | LTO 75D2 | WINTHROP: TOPO | -10 | 42.5W | OMT | 1974 | DMATC |
| 250k | LTO 76C1 | BONPLAND: TOPO | -10 | 17.5W | OMT | 1974 | DMATC |
| 250k | LTO 76C2 | GUERICKE: TOPO | -10 | 12.5W | OMT | 1974 | DMATC |
| 250k | LTO 76D1 | EPPINGER: TOPO | -10 | 27.5W | OMT | 1974 | DMATC |
| 250k | LTO 76D2 | KUIPER: TOPO | -10 | 22.5W | OMT | 1974 | DMATC |
| 250k | LTO 77A3 | HERSCHEL: TOPO | - 6 | 2.5W | OMT | 1979 | DMATC |
| 250k | LTO 77B3 | HIPPARCHUS: TOPO | - 6 | 7.5E | OMT | 1979 | DMATC |
| 250k | LTO 77B4 | GLYDEN: TOPO | - 6 | 2.5E | OMT | 1979 | DMATC |
| 250k | LTO 77C1 | ALBATEGNIUS: TOPO | -10 | 2.5E | OMT | 1974 | DMATC |
| 250k | LTO 77C2 | HALLEY: TOPO | -10 | 7.5E | OMT | 1974 | DMATC |
| 250k | LTO 77D1 | DAVY: TOPO | -10 | 7.5W | OMT | 1974 | DMATC |
| 250k | LTO 77D2 | AMMONIUS: TOPO | -10 | 2.5W | OMT | 1974 | DMATC |
| 250k | LTO 78A3 | ALFRAGNUS: TOPO | - 6 | 17.5E | OMT | 1974 | DMATC |
| 250k | LTO 78A4 | LINDSAY: TOPO | - 6 | 12.5E | OMT | 1979 | DMATC |
| 250k | LTO 78B3 | TORRICELLI: TOPO | - 6 | 27.5E | OMT | 1974 | DMATC |
| 250k | LTO 78B4 | HYPATIA: TOPO | - 6 | 22.5E | OMT | 1974 | DMATC |
| 250k | LTO 78C1 | KANT: TOPO | -10 | 22.5E | OMT | 1974 | DMATC |
| 250k | LTO 78C2 | MADLER: TOPO | -10 | 27.5E | OMT | 1974 | DMATC |
| 250k | LTO 78D1 | ANDEL: TOPO | -10 | 12.5E | OMT | 1974 | DMATC |
| 250k | LTO 78D2 | DESCARTES: TOPO | -10 | 17.5E | OMT | 1974 | DMATC |
| 250k | LTO 79A2 | LEAKEY: TOPO | - 2 | 37.5E | OMT | 1974 | DMATC |
| 250k | LTO 79A3 | CAPELLA: TOPO | - 6 | 37.5E | OMT | 1974 | DMATC |
| 250k | LTO 79A4 | ISIDORUS: TOPO | - 6 | 32.5E | OMT | 1974 | DMATC |
| 250k | LTO 79B1 | LUBBOCK: TOPO | - 2 | 42.5E | OMT | 1974 | DMATC |
| 250k | LTO 79B2 | MESSIER: TOPO | - 2 | 47.5E | OMT | 1974 | DMATC |
| 250k | LTO 79B3 | AMONTONS: TOPO | - 6 | 47.5E | OMT | 1974 | DMATC |
| 250k | LTO 79B4 | GUTENBERG: TOPO | - 6 | 42.5E | OMT | 1974 | DMATC |
| 250k | LTO 79D1 | DAGUERRE: TOPO | -10 | 32.5E | OMT | 1974 | DMATC |
| 250k | LTO 79D2 | GAUDIBERT: TOPO | -10 | 37.5E | OMT | 1974 | DMATC |
| 250k | LTO 80A1 | GEIKIE: TOPO | - 2 | 52.5E | OMT | 1974 | DMATC |
| 250k | LTO 80A2 | WEBB: TOPO | - 2 | 57.5E | OMT | 1974 | DMATC |
| 250k | LTO 80A3 | BILHARZ: TOPO | - 6 | 57.5E | OMT | 1974 | DMATC |
| 250k | LTO 80A4 | LINDBERGH: TOPO | - 6 | 52.5E | OMT | 1974 | DMATC |
| 250k | LTO 80B1 | MORLEY: TOPO | - 2 | 62.5E | OMT | 1974 | DMATC |
| 250k | LTO 80B2 | MACLAURIN: TOPO | - 2 | 67.5E | OMT | 1974 | DMATC |
| 250k | LTO 80B3 | BORN: TOPO | - 6 | 67.5E | OMT | 1976 | DMATC |
| 250k | LTO 80B4 | ACOSTA: TOPO 2nd ED. | - 6 | 62.5E | OMT | 1975 | DMATC |
| 250k | LTO 80B4 | ACOSTA: TOPO | - 6 | 62.5E | OMT | 1974 * | DMATC |
| 250k | LTO 80C1 | SOMERVILLE: TOPO | -10 | 62.5E | OMT | 1974 | DMATC |
| 250k | LTO 80C2 | BARKLA: TOPO | -10 | 67.5E | OMT | 1977 | DMATC |
| 250k | LTO 80D2 | AL-MARRAKUSHI: TOPO | -10 | 57.5E | OMT | 1974 | DMATC |
| 250k | LTO 81A1 | RANKINE: TOPO | - 2 | 72.5E | OMT | 1974 | DMATC |
| 250k | LTO 81A2 | GILBERT: TOPO | - 2 | 77.5E | OMT | 1974 | DMATC |
| 250k | LTO 81A3 | KASTNER: TOPO | - 6 | 77.5E | OMT | 1975 | DMATC |
| 250k | LTO 81A4 | VON BEHRING: TOPO | - 6 | 72.5E | OMT | 1975 | DMATC |
| 250k | LTO 81B1 | HALDANE: TOPO | - 2 | 82.5E | OMT | 1973 | DMATC |
| 250k | LTO 81B2 | RUNGE: TOPO | - 2 | 87.5E | OMT | 1973 | DMATC |
| 250k | LTO 81B3 | WIDMANNSTATTEN: TOPO | - 6 | 87.5E | OMT | 1973 | DMATC |

Figure 27. Index map showing the location of LTO 1:250,000-scale sheets.

## 1:250,000 TOPOGRAPHIC ORTHOPHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 250k | LTO 81B4 | KIESS: TOPO | - 6 | 82.5E | OMT | 1973 | DMATC |
| 250k | LTO 81C1 | KREIKEN: TOPO | -10 | 82.5E | OMT | 1973 | DMATC |
| 250k | LTO 81C2 | HOUTERMANS: TOPO | -10 | 87.5E | OMT | 1973 | DMATC |
| 250k | LTO 81D1 | KARTEYN: TOPO | -10 | 72.5E | OMT | 1979 | DMATC |
| 250k | LTO 81D2 | LA PEROUSE: TOPO | -10 | 77.5E | OMT | 1977 | DMATC |
| 250k | LTO 82A1 | PURKYNE: TOPO | - 2 | 92.5E | OMT | 1973 | DMATC |
| 250k | LTO 82A2 | WYLD: TOPO | - 2 | 97.5E | OMT | 1973 | DMATC |
| 250k | LTO 82A3 | LUDWIG: TOPO | - 6 | 97.5E | OMT | 1973 | DMATC |
| 250k | LTO 82A4 | HIRAYAMA: TOPO | - 6 | 92.5E | OMT | 1973 | DMATC |
| 250k | LTO 82D1 | BRUNNER: TOPO | -10 | 92.5E | OMT | 1973 | DMATC |
| 250k | LTO 82D2 | GANSKIJ: TOPO | -10 | 97.5E | OMT | 1973 | DMATC |
| 250k | LTO 83B4 | NECHO: TOPO | - 6 | 122.5E | OMT | 1976 | DMATC |
| 250k | LTO 83C1 | DANJON: TOPO 2nd ED. | -10 | 122.5E | OMT | 1975 | DMATC |
| 250k | LTO 83C1 | DANJON: TOPO | -10 | 122.5E | OMT | 1974 * | DMATC |
| 250k | LTO 83C3 | DOBROVOLSHIJ: TOPO | -14 | 127.5E | OMT | 1973 | DMATC |
| 250k | LTO 83C4 | DELPORTE: TOPO | -14 | 122.5E | OMT | 1973 | DMATC |
| 250k | LTO 83D2 | SHERRINGTON: TOPO | -10 | 117.5E | OMT | 1974 | DMATC |
| 250k | LTO 84B3 | TAMM: TOPO | - 6 | 147.5E | OMT | 1976 | DMATC |
| 250k | LTO 84D4 | VOLKOV: TOPO 2nd ED. | -14 | 132.5E | OMT | 1974 | DMATC |
| 250k | LTO 84D4 | VOLKOV: TOPO | -14 | 132.5E | OMT | 1973 * | DMATC |
| 250k | LTO 85A4 | CHAPLYGIN: TOPO | - 6 | 152.5E | OMT | 1979 | DMATC |
| 250k | LTO 85C1 | PLANTE: TOPO | -10 | 162.5E | OMT | 1979 | DMATC |
| 250k | LTO 85C2 | HEAVISIDE: TOPO | -10 | 167.5E | OMT | 1979 | DMATC |
| 250k | LTO 85C3 | IBN HAYYAN: TOPO | -14 | 167.5E | OMT | 1976 | DMATC |
| 250k | LTO 86D4 | AITKEN BOREALIS: TOPO | -14 | 172.5E | OMT | 1976 | DMATC |
| 250k | LTO 100A1 | SKLODOWSKA OCCIDENTALIS | -18 | 92.5E | OMT | 1977 | DMATC |
| 250k | LTO 100A2 | DKLODOWSKA ORIENTALIS: TOPO | -18 | 97.5E | OMT | 1976 | DMATC |
| 250k | LTO 100C1 | TITIUS: TOPO 2nd ED. | -22 | 102.5E | OMT | 1975 | DMATC |
| 250k | LTO 100C1 | TITIUS: TOPO | -22 | 102.5E | OMT | 1974 * | DMATC |
| 250k | LTO 101B1 | LITKE: TOPO | -18 | 122.5E | OMT | 1973 | DMATC |
| 250k | LTO 101B2 | TSIOLKOVSKIJ BOREALIS: TOPO | -18 | 127.5E | OMT | 1973 * | DMATC |
| 250k | LTO 101B2 | TSIOLKOVSKIJ BOREALIS:TP 2nd | -18 | 127.5E | OMT | 1973 | DMATC |
| 250k | LTO 101B3 | TSIOLKOVSKIJ AUSTRALIS: TOPO | -22 | 127.5E | OMT | 1979 | DMATC |
| 250k | LTO 101B4 | BABAKIN: TOPO 2nd ED. | -22 | 122.5E | OMT | 1974 | DMATC |
| 250k | LTO 101B4 | BABAKIN: TOPO | -22 | 122.5E | OMT | 1973 * | DMATC |
| 250k | LTO 101C1 | NEUJMIN: TOPO | -26 | 122.5E | OMT | 1973 | DMATC |
| 250k | LTO 101C2 | WATERMAN: TOPO | -26 | 127.5E | OMT | 1973 | DMATC |
| 250k | LTO 102A1 | PATSAEV: TOPO 3rd ED. | -18 | 132.5E | OMT | 1974 | DMATC |
| 250k | LTO 102A1 | PATSAEV: TOPO | -18 | 132.5E | OMT | 1973 * | DMATC |
| 250k | LTO 102A1 | PATSAEV: TOPO 2nd ED. | -18 | 132.5E | OMT | 1973 * | DMATC |
| 250k | LTO 102A4 | FESNEKOV: TOPO | -22 | 132.5E | OMT | 1973 | DMATC |
| 250k | LTO 102B2 | ISAEV: TOPO | -18 | 147.5E | OMT | 1974 | DMATC |
| 250k | LTO 102B3 | ANDRONOV: TOPO | -22 | 147.5E | OMT | 1974 | DMATC |
| 250k | LTO 102D1 | STARK: TOPO | -26 | 132.5E | OMT | 1973 * | DMATC |
| 250k | LTO 102D1 | STARK: TOPO 2nd ED. | -26 | 132.5E | OMT | 1974 | DMATC |
| 250k | LTO 103A1 | GRAVE: TOPO | -18 | 152.5E | OMT | 1974 | DMATC |
| 250k | LTO 103A4 | RASPLETIN: TOPO | -22 | 152.5E | OMT | 1974 | DMATC |
| 250k | LTO 103B2 | ZWICKY: TOPO | -18 | 167.5E | OMT | 1976 | DMATC |
| 250k | LTO 104A1 | AITKEN AUSTRALIS: TOPO | -18 | 172.5E | OMT | 1976 | DMATC |

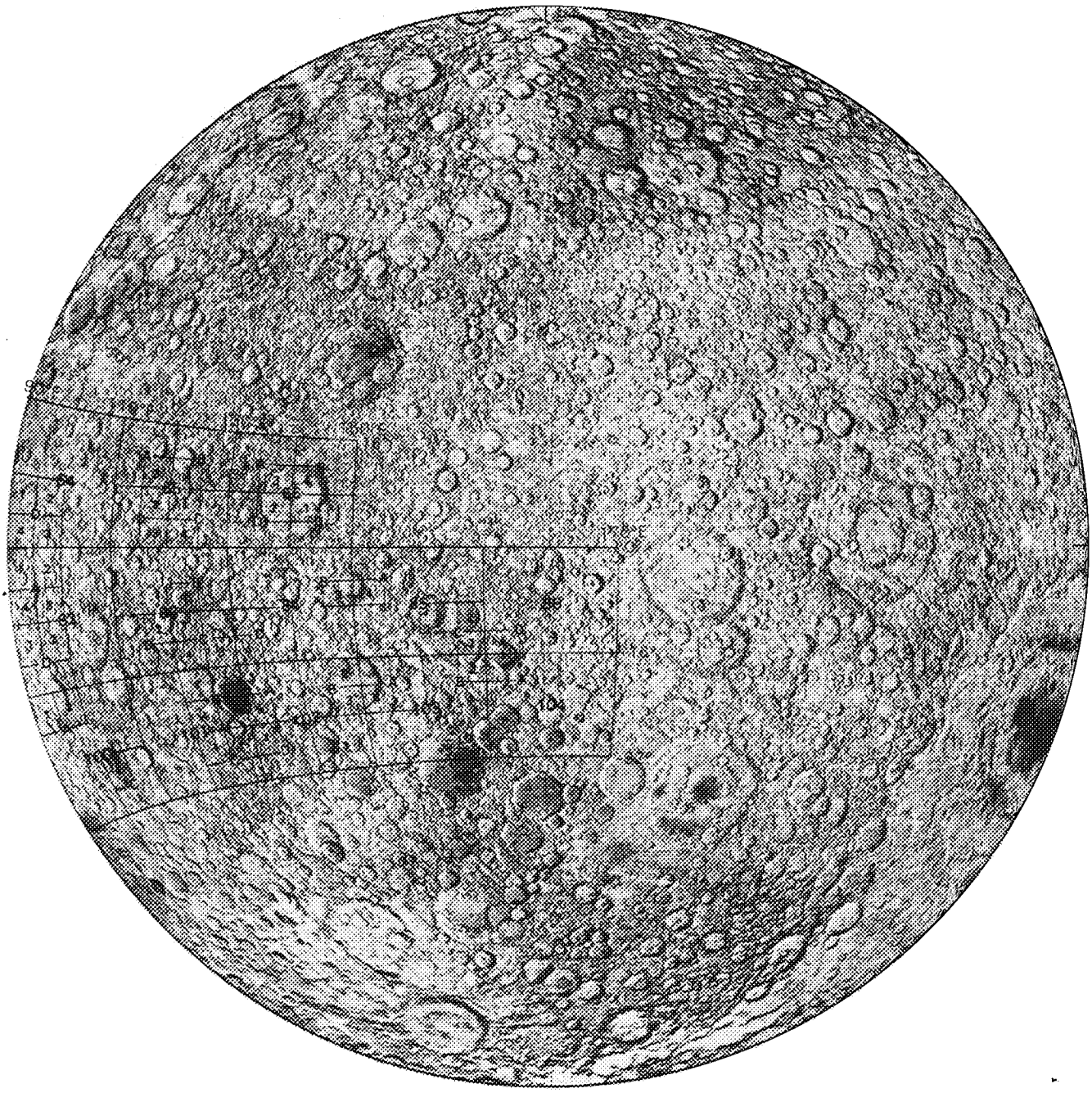


Figure 28. Index map showing the location of LTO 1:250,000-scale farside sheets.

## 1:100,000 SHADED RELIEF AND CONTOUR MAPS (ORBITER MISSIONS)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 100k | ORB I-1 | ORBITER I- SITE 1: RELIEF | - 1 | 41.6E | RT | 1967 ? | TOPOCOM |
| 100k | ORB I-2 | ORBITER I- SITE 2: RELIEF | 0.1 | 35.5E | RT | 1967 ? | TOPOCOM |
| 100k | ORB I-3 | ORBITER I- SITE 3: RELIEF | 0.6 | 27.1E | RT | 1967 ? | TOPOCOM |
| 100k | ORB I-4A/B | ORBITER I- SITE 4A/B: RELIEF | 0 | 13.5E | RT | 1967 ? | TOPOCOM |
| 100k | ORB I-5 | ORBITER I- SITE 5: RELIEF | 0.1 | 1.5W | RT | 1967 ? | ACIC |
| 100k | ORB I-7 | ORBITER I- SITE 7: RELIEF | - 3.5 | 22.1W | RT | 1967 ? | TOPOCOM |
| 100k | ORB I-8 | ORBITER I- SITE 8: RELIEF | - 3.0 | 36.6W | RT | 1967 ? | TOPOCOM |
| 100k | ORB I-9.2 | ORBITER I- SITE 9.2: RELIEF | - 2.3 | 43.3W | RT | 1967 ? | ACIC |
| 100k | ORB II- 2 | ORBITER II- SITE 2: RELIEF | 2.7 | 34 E | RT | 1967 ? | TOPOCOM |
| 100k | ORB II- 6 | ORBITER II- SITE 6: RELIEF | 0.9 | 24.1E | RT | 1967 ? | TOPOCOM |
| 100k | ORB II- 8 | ORBITER II- SITE 8: RELIEF | 0.4 | 1.0W | RT | 1967 ? | ACIC |
| 100k | ORB II-11 | ORBITER II- SITE 11: RELIEF | - 0.2 | 19.8W | RT | 1968 ? | TOPOCOM |
| 100k | ORB II-13 | ORBITER II- SITE 13: RELIEF | 1.7 | 41.7W | RT | 1967 ? | TOPOCOM |
| 100k | ORB III- 9 | ORBITER III- SITE 9: RELIEF | - 3 | 22.9W | RT | 1968 ? | TOPOCOM |
| 100k | ORB III-11 | ORBITER III- SITE 11: RELIEF | - 3.4 | 36.9W | RT | 1968 ? | TOPOCOM |
| 100k | ORB III-12 | ORBITER III- SITE 12: RELIEF | - 2.4 | 43.7W | RT | 1968 ? | ACIC |

## 1:100,000 SHADED RELIEF AND CONTOUR MAPS (RANGER MISSIONS)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 100k | RLC 3 | BONPLAND H | 20.8 | 11E | RT | 1964 ? | ACIC |
| 100k | RLC 8 | SABINE D | -23.5 | 2W | RT | 1966 ? | ACIC |

## 1:100,000 GEOLOGIC MAPS

| SCALE | TITLE/REGION | | | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 100k | BONPLAND H: GEOLOGY | -- | -- | G | 1971 | 693 |
| 100k | MAESTLIN G: GEOLOGY | | | G | 1969 | 622 |
| 100k | FLAMSTEED R: GEOLOGY | | | G | 1972 | 626 |
| 100k | OPPOLZER A: GEOLOGY | | | G | 1971 | 620 |
| 100k | SABINE D: GEOLOGY | | | G | 1970 | 618 |
| 100k | WICHMANN G: GEOLOGY | -- | -- | G | 1974 | 624 |
| 100k | LANSBERG P: GEOLOGY | -- | -- | G | 1971 | 627 |
| 100k | BONPLAND PQC: GEOLOGY | -- | -- | G | 1971 | 678 |
| 100k | MASKELYN Da: GEOLOGY | | | G | 1970 | 616 |

# MOON

## 1:100,000 CONTROLLED PHOTOMOSAICS (Orbiter missions are designated as ORB)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 100k | | DESCARTES: PHOTOMAP | | | CM | 1971 | TOPOCOM |
| 100k | | DESCARTES: TOPO PHOTOMAP | | | CMT | 1972 | TOPOCOM |
| 100k | ORB I-1 | ORBITER I- SITE 1: MOSAIC | - 1 | 41.9E | CMT | 1967 ? | TOPOCOM |
| 100k | ORB I-2 | ORBITER I- SITE 2: MOSAIC | 0.1 | 35.5E | CMT | 1967 ? | TOPOCOM |
| 100k | ORB I-3 | ORBITER I- SITE 3: MOSAIC | 0.6 | 26.2E | CMT | 1967 ? | TOPOCOM |
| 100k | ORB I-4A/B | ORBITER I- SITE 4A/B: MOSAIC | 0 | 13.5E | CMT | 1967 ? | TOPOCOM |
| 100k | ORB I-5 | ORBITER I- SITE 5: MOSAIC | 0.1 | 1.7W | CMT | 1967 ? | ACIC |
| 100k | ORB I-7 | ORBITER I- SITE 7: MOSAIC | - 3.5 | 22.1W | CMT | 1967 ? | TOPOCOM |
| 100k | ORB I-8 | ORBITER I- SITE 8: MOSAIC | - 3.0 | 36.4W | CMT | 1967 ? | TOPOCOM |
| 100k | ORB I-9.2 | ORBITER I- SITE 9.2: MOSAIC | - 2.3 | 43.3W | CMT | 1967 ? | ACIC |
| 100k | ORB II- 2 | ORBITER II- SITE 2: MOSAIC | 2.7 | 34 E | CMT | 1967 ? | TOPOCOM |
| 100k | ORB II- 6 | ORBITER II- SITE 6: MOSAIC | 0.9 | 24.1E | CMT | 1967 ? | TOPOCOM |
| 100k | ORB II- 8 | ORBITER II- SITE 8: MOSAIC | 0.4 | 1.0W | CMT | 1967 ? | ACIC |
| 100k | ORB II-11 | ORBITER II- SITE 11: MOSAIC | - 0.2 | 19.8W | CMT | 1967 ? | TOPOCOM-4 |
| 100k | ORB II-13 | ORBITER II- SITE 13: MOSAIC | 1.7 | 41.7W | CMT | 1967 ? | TOPOCOM |
| 100k | ORB III- 9 | ORBITER III- SITE 9: MOSAIC | - 3 | 22.9W | CMT | 1968 ? | TOPOCOM |
| 100k | ORB III-11 | ORBITER III- SITE 11: MOSAIC | - 3.4 | 36.9W | CMT | 1968 ? | TOPOCOM |
| 100k | ORB III-12 | ORBITER III- SITE 12: MOSAIC | - 2.4 | 43.7W | CMT | 1968 ? | ACIC |

## 1:50,000 SHADED RELIEF AND CONTOUR MAPS (RANGER MISSIONS)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 50k | RLC 9 | SABINE DM | -24 | 2.4W | RT | 1966 ? | ACIC |
| 50k | RLC 15 | ALPHONSUS GA | 2 | 12.8E | RT | 1966 ? | ACIC |

## 1:50,000 GEOLOGIC MAPS

| SCALE | MAP | TITLE/REGION | | | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 50k | | ALPHONSUS GA: GEOLOGY | | | G | 1969 | 586 |
| 50k | | APENNINE HADLEY: GEOLOGY | | | G | 1971 | 723-2/2 |
| 50k | | SABINE DM: GEOLOGY | -- | -- | G | 1969 | 594 |
| 50k | | SABINE EB: GEOLOGY | | | G | 1971 | 679 |
| 50k | | DESCARTES: GEOLOGY | | | G | 1972 | 748-2/2 |
| 50k | | TAURUS LITTROW: GEOLOGY | | | G | 1972 | 800-1/2 |

## 1:50,000 CONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 50k | | TAURUS LITTROW TOPO PHOTOMAP | 20.1 | 30.7E | CMT | 1972 | DMATC |

## 1:50,000 ORTHOPHOTOMOSAICS

| SCALE | MAP | | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 50k | LO | 38B2S1 | MONTEO AGRICOLA: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 39A1S1 | VAN BIESBROECK: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 39A3S1 | RIMA PRINZ: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 39B3S1 | ZAHIA: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 39C2S1 | RIMA EULER: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 40A1S1 | DORSUM ZIRKEL: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 41A3S1 | RIMA MOZART: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 41B4S1 | APOLLO 15 LANDING AREA:ORTHO | OM | 1974 | DMATC |
| 50k | LO | 41B4S2 | RIMA HADLEY CENTRAL: ORTHO | OM | 1975 | DMATC |
| 50k | LO | 41B4S3 | RIMA HADLEY SOUTH: ORTHO | OM | 1975 | DMATC |
| 50k | LO | 42C2S1 | FOSSAE LITTROW: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 42C3S3 | MONS ARGAEUS: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 42C3S4 | RIMA DAWES: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 42C4S1 | DORSUM NICOL: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 42C4S2 | DORSA LISTER: ORTHO | OM | 1977 | DMATC |
| 50k | LO | 43D1S1 | APOLLO 17 LANDING AREA:ORTHO | OM | 1974 | DMATC |
| 50k | LO | 61A2S1 | GRACE: ORTHO | OM | 1976 | DMATC |
| 50k | LO | 61B2S1 | _____: ORTHO | OM | ____ | DMATC |
| 50k | LO | 61D2S1 | _____: ORTHO | OM | ____ | DMATC |
| 50k | LO | 65C1S1 | KING CENTRAL PEAKE: ORTHO | OM | 1975 | DMATC |
| 50k | LO | 65C1S2 | MELISSA: ORTHO | OM | 1976 | DMATC |
| 50k | LO | 65D2S1 | KING NORTH FLANK: ORTHO | OM | 1975 | DMATC |
| 50k | LO | 75C1S1 | _____: ORTHO | OM | ____ | DMATC |
| 50k | LO | 75C4S1 | _____: ORTHO | OM | ____ | DMATC |
| 50k | LO | 77A4S1 | _____: ORTHO | OM | ____ | DMATC |
| 50k | LO | 77D3S1 | FUSSAE ALPHONSUS: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 78D2S1 | APOLLO 16 LANDING AREA: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 83B4S1 | _____: ORTHO | OM | ____ | DMATC |
| 50k | LO | 100C1S1 | SIEGFRIED: ORTHO | OM | 1974 | DMATC |
| 50k | LO | 102A1S1 | KIRA: ORTHO | OM | 1974 | DMATC |

## 1:50,000 TOPOGRAPHIC ORTHOPHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|
| 50k | LTO 38B2S1 | MONTEO AGRICOLA: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 39A1S1 | VAN BIESBROECK: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 39A3S1 | RIMA PRINZ: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 39B3S1 | ZAHIA: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 39C2S1 | RIMA EULER: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 40A1S1 | DORSUM ZIRKEL: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 41A3S1 | RIMA MOZART: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 41B4S1 | APOLLO 15 LANDING AREA: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 41B4S2 | RIMA HADLEY CENTRAL: TOPO | OMT | 1975 | DMATC |
| 50k | LTO 41B4S3 | RIMA HADLEY SOUTH: TOPO | OMT | 1975 | DMATC |
| 50k | LTO 42C2S1 | FOSSAE LITTROW: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 42C3S3 | MONS ARGAEUS: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 42C3S4 | RIMA DAWES: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 42C4S1 | DORSUM NICOL: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 42C4S2 | DORSA LISTER: TOPO | OMT | 1977 | DMATC |
| 50k | LTO 43D1S1 | APOLLO 17 LANDING AREA: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 61A2S1 | GRACE: TOPO | OMT | 1976 | DMATC |
| 50k | LTO 61B2S1 | _____: TOPO | OMT | ____ | DMATC |
| 50k | LTO 61D2S1 | _____: TOPO | OMT | ____ | DMATC |
| 50k | LTO 65C1S1 | KING CENTRAL PEAKE: TOPO | OMT | 1975 | DMATC |
| 50k | LTO 65C1S2 | MELISSA: TOPO | OMT | 1976 | DMATC |
| 50k | LTO 65D2S1 | KING NORTH FLANK: TOPO | OMT | 1975 | DMATC |
| 50k | LTO 75C1S1 | _____: TOPO | OMT | ____ | DMATC |
| 50k | LTO 75C4S1 | _____: TOPO | OMT | ____ | DMATC |
| 50k | LTO 77A4S1 | _____: TOPO | OMT | ____ | DMATC |
| 50k | LTO 77D3S1 | FOSSAE ALPHONSUS: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 78D2S1 | APOLLO 16 LANDING AREA: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 83B4S1 | _____: TOPO | OMT | ____ | DMATC |
| 50k | LTO 100C1S1 | SIEGFRIED: TOPO | OMT | 1974 | DMATC |
| 50k | LTO 102A1S1 | KIRA: TOPO | OMT | 1974 | DMATC |

## 1:25,000 SHADED RELIEF AND CONTOUR MAPS (ORBITER MISSIONS)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 25k | ORB I-9.2 | ORBITER I- SITE 9.2: RELIEF | - 2.3 | 43.3W | RT | 1967 ? | ACIC-8 |
| 25k | ORB II- 8 | ORBITER II- SITE 8: RELIEF | 0.2 | 1.1W | RT | 1968 ? | ACIC-4 |

## 1:25,000 GEOLOGIC MAPS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 25k | APOLLO SITE 5: GEOLOGY | G | 1969 | 623 |
| 25k | APOLLO SITE 3 & 3R: GEOLOGY | G | 1970 | 621 |
| 25k | FRA MAURO: GEOLOGY | G | 1970 | 708-2/2 |
| 25k | APOLLO SITE 4 & 4R: GEOLOGY | G | 1971 | 625 |
| 25k | APOLLO LANDING SITE 2: GEOL | G | 1970 ? | 619 |

## 1:25,000 UNCONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 25k | | RIMA HADLEY PHOTOMAP | 26.2 | 3.8E | UM | 1971 ? | ACIC |
| 25k | 41B454 | APOLLO 15 TRAVERSES: 2nd ED. | | | UMN | 1975 | DMATC |
| 25k | 43D1S2 | APOLLO 16 TRAVERSES | | | UMN | 1975 | DMATC |
| 25k | 78D2S2 | APOLLO 17 TRAVERSES | | | UMN | 1975 | DMATC |

## 1:25,000 SEMICONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 25k | ORB III-18 | MOSTING C: PHOTOMAP | - 2 | 8 W | SM | 1969 ? | ACIC |
| 25k | ORB III-23 | FRA MAURO: PHOTOMAP | - 3.5 | 17.4W | SM | 1969 ? | ACIC |

## 1:25,000 CONTROLLED PHOTOMOSAICS AND PHOTOMAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 25k | | DESCARTES: PHOTOMAP | - 8.8 | 15.5E | CM | 1972 | TOPOCOM |
| 25k | ORB V-12 | CENSORINUS: PHOTOMAP A & B | - 5 | 32.9E | CM | 1969 ? | TOPOCOM-2 |
| 25k | | TAURUS LITTROW TOPO PHOTOMAP | 20.2 | 30.7E | CMT | 1972 ? | DMATC |
| 25k | | DESCARTES: TOPO PHOTOMAP | - 8.8 | 15.5E | CMT | 1972 | TOPOCOM |
| 25k | | RIMA HADLEY TOPO PHOTOMAP | 26.2 | 3.8E | CMT | 1972 ? | ACIC |
| 25k | ORB I-9.2 | ORBITER I- SITE 9.2: MOSAIC | - 2.3 | 43.3W | CMT | 1967 ? | ACIC-8 |
| 25k | ORB II- 2 | ORBITER II- SITE 2: MOSAIC | 2.7 | 34 W | CMT | 1967 ? | TOPOCOM |
| 25k | ORB II- 6 | ORBITER II- SITE 6: MOSAIC | 0.9 | 24.1E | CMT | 1967 ? | TOPOCOM-4 |
| 25k | ORB II- 8 | ORBITER II- SITE 8: MOSAIC | 0.2 | 1.1W | CMT | 1967 ? | ACIC-4 |
| 25k | ORB II-11 | ORBITER II- SITE 11: MOSAIC | - 0.1 | 19.7W | CMT | 1967 ? | TOPOCOM-4 |
| 25k | ORB II-13 | ORBITER II- SITE 13: MOSAIC | 1.7 | 41.7W | CMT | 1967 ? | TOPOCOM-4 |
| 25k | ORB III- 9 | ORBITER III- SITE 9: MOSAIC | - 2.9 | 22.9W | CMT | 1968 ? | TOPOCOM-4 |
| 25k | ORB III-11 | ORBITER III- SITE 11: MOSAIC | - 3.4 | 36.8W | CMT | 1968 ? | TOPOCOM-2 |
| 25k | ORB III-12 | ORBITER III- SITE 12: MOSAIC | - 2.6 | 43.7W | CMT | 1968 ? | ACIC-9 |

# MOON

## 1:25,000 ORTHOPHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|
| 25k | LO 39B2S1 | SAMIR: ORTHO | OM | 1976 | DMATC |
| 25k | LO 39B2S2 | RUPES BORIS: ORTHO | OM | 1976 | DMATC |
| 25k | LO 40B3S1 | _____: ORTHO | OM | ____ | DMATC |

## 1:25,000 TOPOGRAPHIC ORTHOPHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|
| 25k | LTO 39B2S1 | SAMIR: TOPO | OMT | 1976 | DMATC |
| 25k | LTO 39B2S2 | RUPES BORIS: TOPO | OMT | 1976 | DMATC |
| 25k | LTO 40B3S1 | _____: TOPO | OMT | ____ | DMATC |

## 1:25,000 TOPOGRAPHIC PHOTOMAP

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 25k | DESCARTES: TOPO MAP | - 8.8 | 15.5E | T | 1972 | TOPOCOM |

## 1:15,000 AND 1:10,000 SHADED RELIEF AND CONTOUR MAPS (RANGER MISSIONS)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 15k | RLC 10 | SABINE EF | -24.4 | 2.6W | RT | 1966 ? | ACIC |
| 10k | RLC 4 | BONPLAND PQC | 20.6 | 10.7E | RT | 1964 ? | ACIC |
| 10k | RLC 16 | ALPHONSUS GP | 2.4 | 12.9E | RT | 1966 ? | ACIC |

## 1:10,000 ORTHOPHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|
| 10k | LO 40A4S1 | ARTEMIS: ORTHO | OM | 1975 | DMATC-2/2 |
| 10k | LO 41C3S1 | INA: ORTHO | OM | 1974 | DMATC-2/2 |
| 10k | LO 42A4S1 | LORCA WEST: ORTHO | OM | 1974 | DMATC-2/2 |
| 10k | LO 42A4S2 | LORCA EAST: ORTHO | OM | 1974 | DMATC-2/2* |
| 10k | LO 42C3S1 | ISIS: ORTHO | OM | 1974 | DMATC-2/2 |
| 10k | LO 42C3S2 | OSIRUS: ORTHO | OM | 1974 | DMATC-2/2 |
| 10k | LO 77D1S1 | DAVY CATENA: ORTHO | OM | 1974 | DMATC-2/2 |
| 10k | LO 104A1S1 | _____: ORTHO | OM | ____ | DMATC |

## 1:10,000 TOPOGRAPHIC ORTHOPHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|
| 10k | LTO 40A4S1 | ARTEMIS: TOPO | OMT | 1975 | DMATC |
| 10k | LTO 41C3S1 | INA: TOPO | OMT | 1974 | DMATC-1/2 |
| 10k | LTO 42A4S1 | LORCA WEST: TOPO | OMT | 1974 | DMATC-1/2 |
| 10k | LTO 42A4S2 | LORCA EAST: TOPO | OMT | 1974 | DMATC-1/2 |
| 10k | LTO 42C3S1 | ISIS: TOPO | OMT | 1974 | DMATC-1/2 |
| 10k | LTO 42C3S2 | OSIRUS: TOPO | OMT | 1974 | DMATC-1/2 |
| 10k | LTO 77D1S1 | DAVY CATENA: TOPO | OMT | 1974 | DMATC-1/2 |
| 10k | LTO 104A1S1 | _____: TOPO | OMT | ____ | DMATC |

## VERY LARGE SCALE (1:5,000 to 1:400) SHADED RELIEF AND CONTOUR MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5k | RLC 11 | SABINE EB | -24.6 | 2.7W | RT | 1966 ? | ACIC |
| 2k | | SURVEYOR SITE I MAP | - 2.5 | 43.4W | RT | 1968 ? | ACIC |
| 2k | RLC 12 | SABINE EBF | -24.6 | 2.7W | RT | 1966 ? | ACIC |
| 2k | RLC 17 | ALPHONSUS GLH | 2.4 | 12.9E | RT | 1966 ? | ACIC |
| 1k | RLC 5 | UNNAMED | 20.6 | 10.7E | RT | 1964 ? | ACIC |
| 500 | | SURVEYOR SITE I MAP | - 2.6 | 43.4W | RT | 1968 ? | ACIC |
| 400 | RLC 17 | ALPHONSUS GLH | 2.4 | 12.9E | RT | 1966 ? | ACIC |

## VERY LARGE SCALE (1:2,000 to 1:100) SEMI-, CONTROLLED, AND TOPOGRAPHIC PHOTOMOSAICS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 2k | SURVEYOR SITE I: PHOTOMAP | - 2.5 | 43.4W | CMT | 1968 ? | ACIC |
| 2k | SURVEYOR SITE III: PHOTOMAP | - 3.2 | 23.4W | CMT | 1968 ? | TOPOCOM |
| 1k | SURVEYOR SITE VI: EXP PHOTOMP | 0.5 | 1.4W | CMT | 1969 ? | TOPOCOM |
| 500 | SURVEYOR SITE III: PHOTOMAP | - 3.3 | 23.4W | CM | 1968 ? | TOPOCOM |
| 100 | SURVEYOR SITE I PICTORIAL | 2.4 | 12.9E | SM | 1967 ? | TOPOCOM |

# 5.0 MARS

# MARS

## GLOBES OF MARS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 32M | RELIEF GLOBE OF MARS | R | 1981 * | USGS |
| 22.0M | RELIEF/ALBEDO GLOBE | AN | 1990 | SKY PUB |
| 16.7M | GLOBE OF MARS | AN | 1973 * | USGS |

## SMALL SCALE MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 50M | MM'71 MARS PLANNING CHART | 65/-65 | 0 | AN | 1971 | JPL |
| 35.2M | MARS-1969 | 70/-70 | 0 | A | 1971 | LOWELL |
| 35.0M MEC-1 | GLOBAL COLOR+ 6 ORTHOS | 60/-60 | 0 | AN | 1966* | ACIC |
| 28.6M | THE RED PLANET MARS: 3 VIEWS | 0 | 0&120&270 | AN | 1973 | NGS |

## 1:25,000,000 MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 25M | GLOBAL: RELIEF 1st ed. | | | 1R | 1972 * | 810 |
| 25M | GLOBAL: RELIEF 2nd ed. | | | 2R | 1975 * | 940 |
| 25M | GLOBAL: TOPO 3rd ed. | | | 3RMC | 1976 * | 961 |
| 25M | GLOBAL: TOPO 4th ed. | | | 4AN | 1991 | 2179 |
| 25M | GLOBAL: GEOLOGIC MAP | | | G | 1978 | 1083 |
| 25M | MARS-1971 | 70/-70 | 0 | A | 1971 | LOWELL |
| 25M | MARS-1973 | 70/-70 | 0 | A | 1974 | LOWELL |
| 25M | MARS-1978 | 70/-70 | 0 | A | 1978 | LOWELL |
| 25M | MARS-1980 | 70/-70 | 0 | A | 1982 | LOWELL |
| 25M | MARS-1967 | 70/-70 | 0 | A | 1980 | LOWELL |
| 25M | MARS-1984 | 70/-70 | 0 | AN | 1987 | LOWELL |
| 25M | MARS ALBEDO & TOPOGRAPHY | 0 | 0&120&270 | AN | 1973 | LOWELL-3 |
| 25M | MARS-1975 TO 1976 | 70/-70 | 0 | AN | 1976 | LOWELL |
| 25M | MARS-1982 | 70/-70 | 0 | AN | 1983 | LOWELL |
| 25M MEC-2 | ALBEDO/MARINER 4 RLF+3 ORTHOS | 70/-75 | 0 | AN | 1967 * | ACIC |
| 25M NASA | ALBEDO/MARINER 6 & 7 RELIEF | 70/-70 | 0 | AN | 1970? | AMS |

## 1:15,000,000 ALBEDO/TOPO MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 15M | EASTERN REGION: TOPO | 0 | 270 | AN | 1991 | 2160-1/3 |
| 15M | POLAR REGIONS: TOPO | 90&-90 | 0 | AN | 1991 | 2160-3/3 |
| 15M | WESTERN REGION: TOPO | 0 | 90 | AN | 1985 | 1535-1/2 |
| 15M | WESTERN REGION: TOPO | 0 | 90 | AN | 1991 | 2160-2/3 |
| 15M | EASTERN REGION: TOPO | 0 | 270 | AN | 1985 | 1535-2/2 |

# MARS

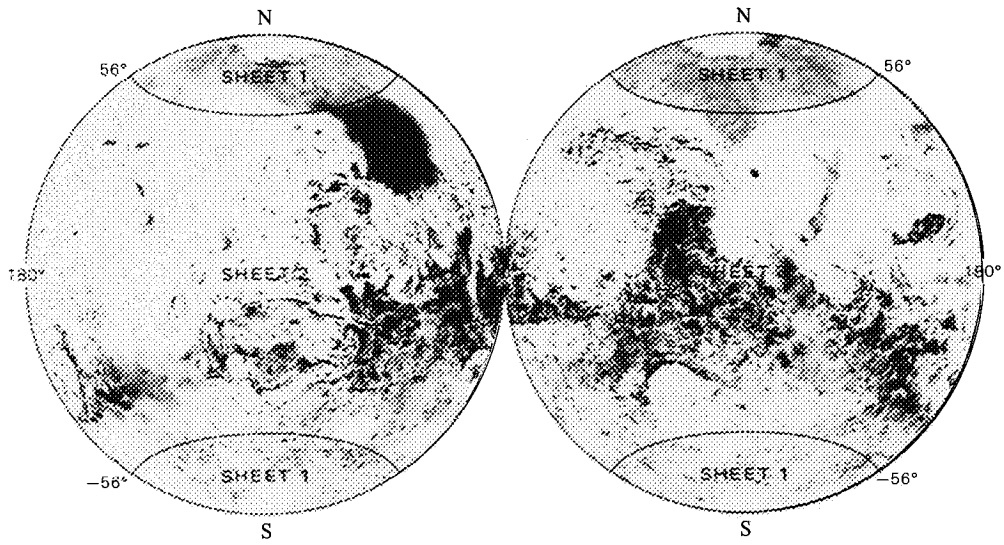



Figure 29. Index maps showing boundaries of 1:15,000,000-scale sheets of Mars.

## 1:15,000,000 SHADED RELIEF MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 15M | POLAR REGIONS: RELIEF/NOMEN | 90&-90 | 0 | RN | 1985 | 1618-3/3 |
| 15M | WESTERN REGION: RELIEF/NOMEN | 0 | 90 | RN | 1985 | 1618-1/3 |
| 15M | EASTERN REGION: RELIEF/NOMEN | 0 | 270 | RN | 1985 | 1618-2/3 |
| 15M | POLAR REGIONS: RELIEF | 90&-90 | 0 | R | 1982 | 1322 |
| 15M | WESTERN REGION: RELIEF | 0 | 90 | R | 1982 | 1320 |
| 15M | EASTERN REGION: RELIEF | 0 | 270 | R | 1982 | 1321 |

## 1:15,000,000 GEOLOGIC MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 15M | POLAR REGIONS: GEOLOGY | 90&-90 | 0 | G | 1987 | 1802-C |
| 15M | EASTERN REGION: GEOLOGY | 0 | 270 | G | 1987 | 1802-B |
| 15M | WESTERN REGION: GEOLOGY | 0 | 90 | G | 1986 | 1802-A |

## 1:15,000,000 TOPOGRAPHIC MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 15M | WESTERN REGION: CONTOURS | 0 | 90 | T | 1989 | 2030-2/3 |
| 15M | EASTERN REGION: CONTOURS | 0 | 270 | T | 1989 | 2030-3/3 |
| 15M | POLAR REGIONS: CONTOURS | 90&-90 | 0 | T | 1989 | 2030-1/3 |

## 1:10,000,000 ALBEDO MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 10M | PICTORIAL COLOR MAPS-2 VIEWS | 0 | 0&180 | AN | 1965 * | AMS-2 |

## 1:5,000,000 ALBEDO/TOPO MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | MC- 1 | MARE BOREUM: TOPO | 90 | 0 | RMC | 1977 | 1027 |
| 5M | MC- 4 | MARE ACIDALIUM: TOPO | 48 | 30 | RMC | 1976 | 979 |
| 5M | MC- 6 | CASIUS: TOPO | 48 | 270 | RMC | 1978 | 1119 |
| 5M | MC- 7 | CEBRENIA: TOPO | 48 | 210 | RMC | 1978 | 1120 |
| 5M | MC- 9 | THARSIS: TOPO | 15 | 112 | RMC | 1976 | 977 |
| 5M | MC-10 | LUNAE PALUS: TOPO | 15 | 68 | RMC | 1976 | 971 |
| 5M | MC-11 | OXIA PALUS: TOPO | 15 | 22 | RMC | 1976 | 978 |
| 5M | MC-13 | SYRTIS MAJOR: TOPO | 15 | 292 | RMC | 1976 | 967 |
| 5M | MC-14 | AMENTHES: TOPO | 15 | 248 | RMC | 1977 | 1024 |
| 5M | MC-15 | ELYSIUM: TOPO | 15 | 202 | RMC | 1978 | 1135 |
| 5M | MC-17 | PHOENICIS LACUS: TOPO | -15 | 112 | RMC | 1976 | 984 |
| 5M | MC-18 | COPRATES: TOPO | -15 | 68 | RMC | 1976 | 976 |
| 5M | MC-19 | MARGARITIFER SINUS: TOPO | -15 | 22 | RMC | 1976 | 975 |
| 5M | MC-23 | AEOLIS: TOPO | -15 | 202 | RMC | 1976 | 1001 |
| 5M | MC-24 | PHAETHONTIS: TOPO | -48 | 150 | RMC | 1979 | 1167 |
| 5M | MC-25 | THAUMASIA: TOPO | -48 | 90 | RMC | 1979 | 1165 |
| 5M | MC-26 | ARGYRE: TOPO | -48 | 30 | RMC | 1976 | 985 |

## 1:5,000,000 SHADED RELIEF MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | | ARGYRE PLANITA | -50 | 44 | RN | 1980 | 1264 |
| 5M | | CHRYSE PLANITIA | -12 | 47 | RN | 1982 | 1448 |
| 5M | MC- 1 | MARE BOREUM: RELIEF | 90 | 0 | RN | 1988 | 1876 |
| 5M | MC- 1 | MARE BOREUM: RELIEF | 90 | 0 | R | 1976 * | 969 |
| 5M | MC- 2 | DIACRIA: RELIEF REVISED | 48 | 150 | RN | 1981 | 1392 |
| 5M | MC- 2 | DIACRIA: RELIEF | 48 | 150 | R | 1976 * | 989 |
| 5M | MC- 3 | ARCADIA: RELIEF REVISED | 48 | 90 | RN | 1982 | 1477 |
| 5M | MC- 3 | ARCADIA: RELIEF | 48 | 90 | R | 1975 * | 963 |
| 5M | MC- 4 | MARE ACIDALIUM: RELIEF REV | 48 | 30 | RN | 1982 | 1476 |
| 5M | MC- 4 | MARE ACIDALIUM: RELIEF | 48 | 30 | R | 1975 * | 958 |
| 5M | MC- 5 | ISMENIUS LACUS: RELIEF REV | 48 | 330 | RN | 1982 | 1495 |
| 5M | MC- 5 | ISMENIUS LACUS: RELIEF | 48 | 330 | R | 1978 * | 1052 |
| 5M | MC- 6 | CASIUS: RELIEF REVISED | 48 | 270 | RN | 1984 | 1646 |
| 5M | MC- 6 | CASIUS: RELIEF | 48 | 270 | R | 1978 * | 1121 |
| 5M | MC- 7 | CEBRENIA: RELIEF REVISED | 48 | 210 | RN | 1984 | 1475 |
| 5M | MC- 7 | CEBRENIA: RELIEF | 48 | 210 | R | 1978 * | 1122 |
| 5M | MC- 8 | AMAZONIS: RELIEF REVISED | 15 | 158 | RN | 1991 | 2180 |
| 5M | MC- 8 | AMAZONIS: RELIEF | 15 | 158 | R | 1976 * | 956 |
| 5M | MC- 9 | THARSIS: RELIEF REVISED | 15 | 112 | RN | 1988 | 1922-1/2 |
| 5M | MC- 9 | THARSIS: RELIEF | 15 | 112 | R | 1975 * | 926 |
| 5M | MC-10 | LUNAE PALUS: RELIEF REVISED | 15 | 68 | RN | 1984 | 1511 |
| 5M | MC-10 | LUNAE PALUS: RELIEF | 15 | 68 | R | 1975 * | 925 |

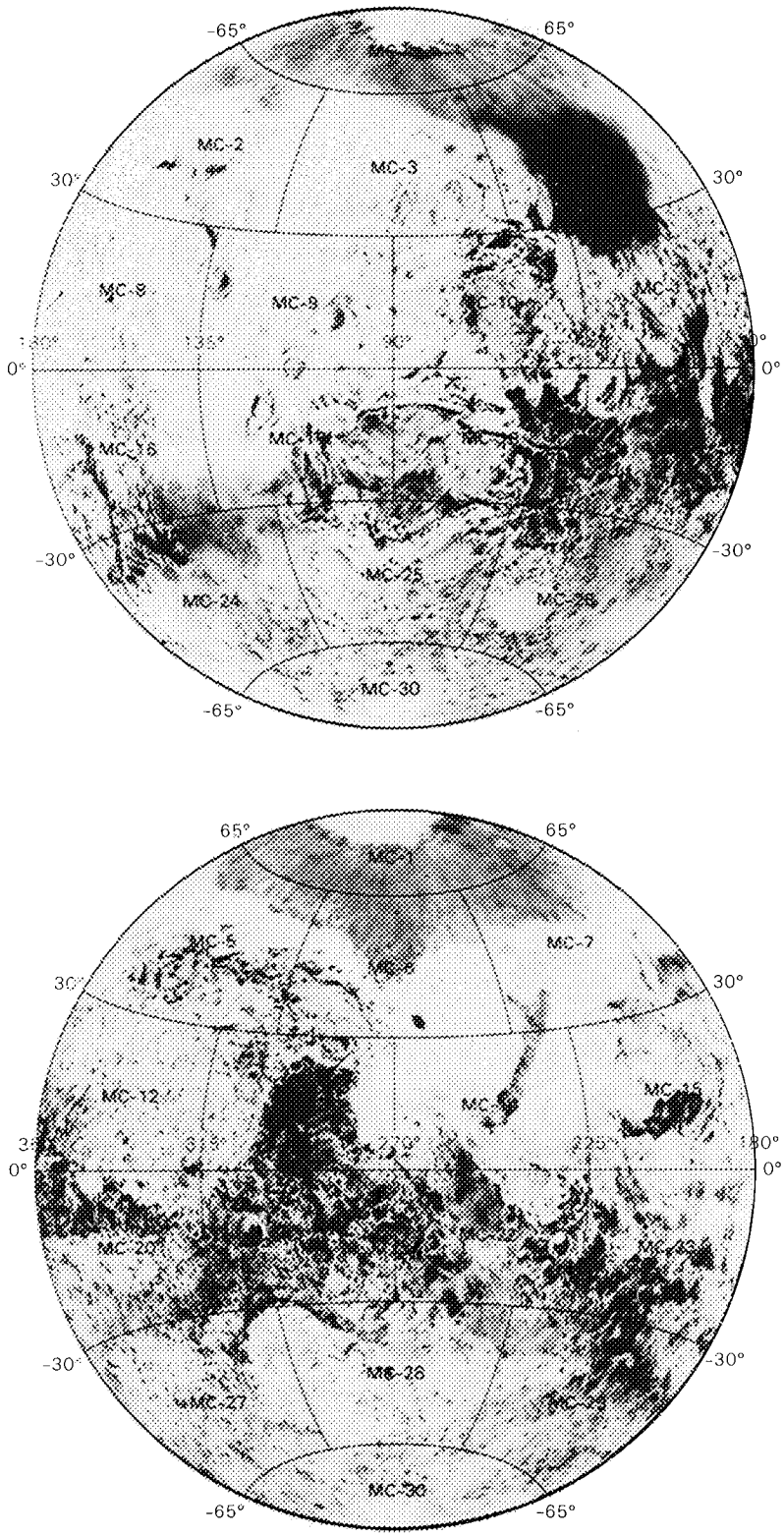



Figure 30. Index maps showing the location of 1:5,000,000-scale sheets of Mars.

## 1:5,000,000 SHADED RELIEF MAPS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | MC-11 | OXIA PALUS: RELIEF REVISED | 15 | 22 | RN | 1984 | 1551 |
| 5M | MC-11 | OXIA PALUS: RELIEF | 15 | 22 | R | 1976 * | 955 |
| 5M | MC-12 | ARABIA: RELIEF REVISED | 15 | 338 | RN | 1984 | 1651 |
| 5M | MC-12 | ARABIA: RELIEF | 15 | 338 | R | 1978 * | 1079 |
| 5M | MC-13 | SYRTIS MAJOR: RELIEF REVISED | 15 | 292 | RN | 1985 | 1704-1/2 |
| 5M | MC-13 | SYRTIS MAJOR: RELIEF | 15 | 292 | R | 1975 * | 929 |
| 5M | MC-14 | AMENTHES: RELIEF REVISED | 15 | 248 | RN | 1987 | 1809-1/2 |
| 5M | MC-14 | AMENTHES: RELIEF | 15 | 248 | R | 1977 * | 1023 |
| 5M | MC-15 | ELYSIUM: RELIEF REVISED | 15 | 202 | RN | 1988 | 2008-1/2 |
| 5M | MC-15 | ELYSIUM: RELIEF | 15 | 202 | R | 1978 * | 1131 |
| 5M | MC-16 | MEMNONIA: RELIEF REVISED | -15 | 158 | RN | 1984 | 1554 |
| 5M | MC-16 | MEMNONIA: RELIEF | -15 | 158 | R | 1978 * | 1075 |
| 5M | MC-17 | PHOENICIS LACUS: RELIEF | -15 | 112 | R | 1975 * | 924 |
| 5M | MC-17 | PHOENICIS LACUS: RELIEF REV | -15 | 112 | RN | 1980 | 1252 |
| 5M | MC-18 | COPRATES: RELIEF REVISED | -15 | 68 | RN | 1980 | 1253 |
| 5M | MC-18 | COPRATES: RELIEF | -15 | 68 | R | 1975 * | 928 |
| 5M | MC-19 | MARGARITIFER SINUS: RLF REV | -15 | 22 | RN | 1980 | 1293 |
| 5M | MC-19 | MARGARITIFER SINUS: RELIEF | -15 | 22 | R | 1975 * | 927 |
| 5M | MC-20 | SINUS SABAEUS: RELIEF REVISED | -15 | 338 | RN | 1980 | 1296 |
| 5M | MC-20 | SINUS SABAEUS: RELIEF | -15 | 338 | R | 1978 * | 1050 |
| 5M | MC-21 | IAPYGIA: RELIEF | -15 | 292 | R | 1978 * | 1118 |
| 5M | MC-22 | MARE TYRRHENUM: RELIEF | -15 | 248 | R | 1978 | 1123 |
| 5M | MC-23 | AEOLIS: RELIEF REVISED | -15 | 202 | RN | 1984 | 1552 |
| 5M | MC-23 | AEOLIS: RELIEF | -15 | 202 | R | 1976 * | 1000 |
| 5M | MC-24 | PHAETHONTIS: RELIEF | -48 | 150 | R | 1979 | 1166 |
| 5M | MC-25 | THAUMASIA: RELIEF | -48 | 90 | R | 1979 | 1164 |
| 5M | MC-26 | ARGYRE: RELIEF | -48 | 30 | R | 1975 | 923 |
| 5M | MC-27 | NOACHIS: RELIEF | -48 | 330 | R | 1979 | 1168 |
| 5M | MC-28 | HELLAS: RELIEF | -48 | 270 | R | 1979 | 1169 |
| 5M | MC-29 | ERIDANIA: RELIEF | -48 | 210 | R | 1979 | 1170 |
| 5M | MC-30 | MARE AUSTRALE: RELIEF REV | -90 | 0 | RN | 1988 | 1928-1/2 |
| 5M | MC-30 | MARE AUSTRALE: RELIEF | -90 | 0 | R | 1976 * | 970 |

## 1:5,000,000 GEOLOGIC MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | MC- 1 | MARE BOREUM: GEOLOGY | 90 | 0 | G | 1984 | 1640 |
| 5M | MC- 2 | DIACRIA: GEOLOGY | 48 | 150 | G | 1981 | 1286 |
| 5M | MC- 3 | ARCADIA: GEOLOGY | 48 | 90 | G | 1979 | 1154 |
| 5M | MC- 4 | MARE ACIDALIUM: GEOLOGY REV | 48 | 30 | G | 1984 | 1614 |
| 5M | MC- 4 | MARE ACIDALIUM: GEOLOGY | 48 | 30 | G | 1978 * | 1048 |
| 5M | MC- 5 | ISMENIUS LACUS: GEOLOGY | 48 | 330 | G | 1978 | 1065 |
| 5M | MC- 6 | CASIUS: GEOLOGY | 48 | 270 | G | 1973 | 1038 |
| 5M | MC- 7 | CEBRENIA: GEOLOGY | 48 | 210 | G | 1979 | 1140 |

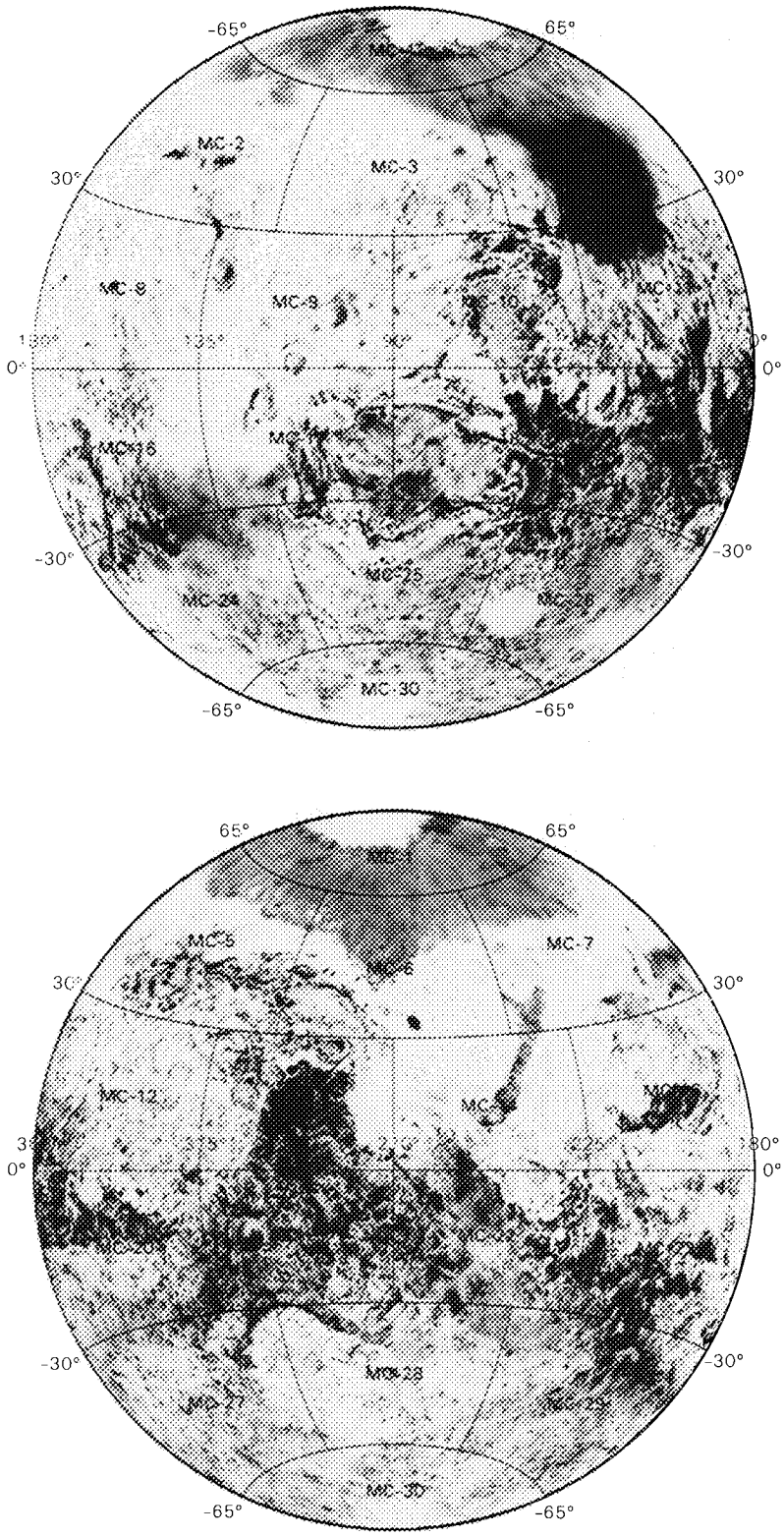



Figure 31. Index maps showing the location of 1:5,000,000-scale sheets of Mars.

## 1:5,000,000 GEOLOGIC MAPS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | MC- 8 | AMAZONIS: GEOLOGY | 15 | 158 | G | 1978 | 1049 |
| 5M | MC- 9 | THARSIS: GEOLOGY | 15 | 112 | G | 1975 | 893 |
| 5M | MC-10 | LUNAE PALUS: GEOLOGY | 15 | 68 | G | 1975 | 894 |
| 5M | MC-11 | OXIA PALUS: GEOLOGY | 15 | 22 | G | 1976 | 895 |
| 5M | MC-12 | ARABIA: GEOLOGY | 15 | 338 | G | 1977 | 996 |
| 5M | MC-13 | SYRTIS MAJOR: GEOLOGY | 15 | 292 | G | 1977 | 995 |
| 5M | MC-14 | AMENTHES: GEOLOGY | 15 | 248 | G | 1979 | 1110 |
| 5M | MC-15 | ELYSIUM: GEOLOGY | 15 | 202 | G | 1976 | 935 |
| 5M | MC-15 | ELYSIUM REGION: GEOLOGY | 15 | 202 | G | 1991 | 2147 |
| 5M | MC-16 | MEMNONIA: GEOLOGY | -15 | 158 | G | 1979 | 1137 |
| 5M | MC-17 | PHOENICIS LACUS: GEOLOGY | -15 | 112 | G | 1978 | 896 |
| 5M | MC-18 | COPRATES: GEOLOGY | -15 | 68 | G | 1978 | 897 |
| 5M | MC-19 | MARGARITIFER SINUS: GEOLOGY | -15 | 22 | G | 1979 | 1144 |
| 5M | MC-19 | VALLES MARINERIS: GEOLOGY | -15 | 22 | G | 1991 | 2010 |
| 5M | MC-20 | SINUS SABAEUS: GEOLOGY | -15 | 338 | G | 1980 | 1196 |
| 5M | MC-21 | IAPYGIA: GEOLOGY | -15 | 292 | G | 1977 | 1020 |
| 5M | MC-22 | MARE TYRRHENUM: GEOLOGY | -15 | 248 | G | 1978 | 1073 |
| 5M | MC-23 | AEOLIS: GEOLOGY | -15 | 202 | G | 1978 | 1111 |
| 5M | MC-24 | PHAETHONTIS: GEOLOGY | -48 | 150 | G | 1979 | 1145 |
| 5M | MC-25 | THAUMASIA: GEOLOGY | -48 | 90 | G | 1978 | 1077 |
| 5M | MC-26 | ARGYRE: GEOLOGY | -48 | 30 | G | 1980 | 1181 |
| 5M | MC-27 | NOACHIS: GEOLOGY | -48 | 330 | G | 1977 | 910 |
| 5M | MC-28 | HELLAS: GEOLOGY | -48 | 270 | G | 1976 | 941 |
| 5M | MC-29 | ERIDANIA: GEOLOGY | -48 | 210 | G | 1978 | 1008 |
| 5M | MC-30 | MARE AUSTRALE: GEOLOGY | -90 | 0 | G | 1978 | 1076 |

## 1:5,000,000 CONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | MC- 8 | AMAZONIS: MOSAIC | 15 | 158 | CM | 1991 | 2180-2/2 |
| 5M | MC- 9 | THARSIS: MOSAIC | 15 | 112 | CM | 1988 | 1922-2/2 |
| 5M | MC-13 | SYRTIS MAJOR: MOSAIC | 15 | 292 | CM | 1985 | 1704-2/2 |
| 5M | MC-14 | AMENTHES: MOSAIC | 15 | 248 | CM | 1987 | 1809-2/2 |
| 5M | MC-15 | ELYSIUM: MOSAIC | 15 | 202 | CM | 1988 | 2008-2/2 |
| 5M | MC-30 | MARE AUSTRALE: MOSAIC | -90 | 0 | CM | 1988 | 1928-2/2 |

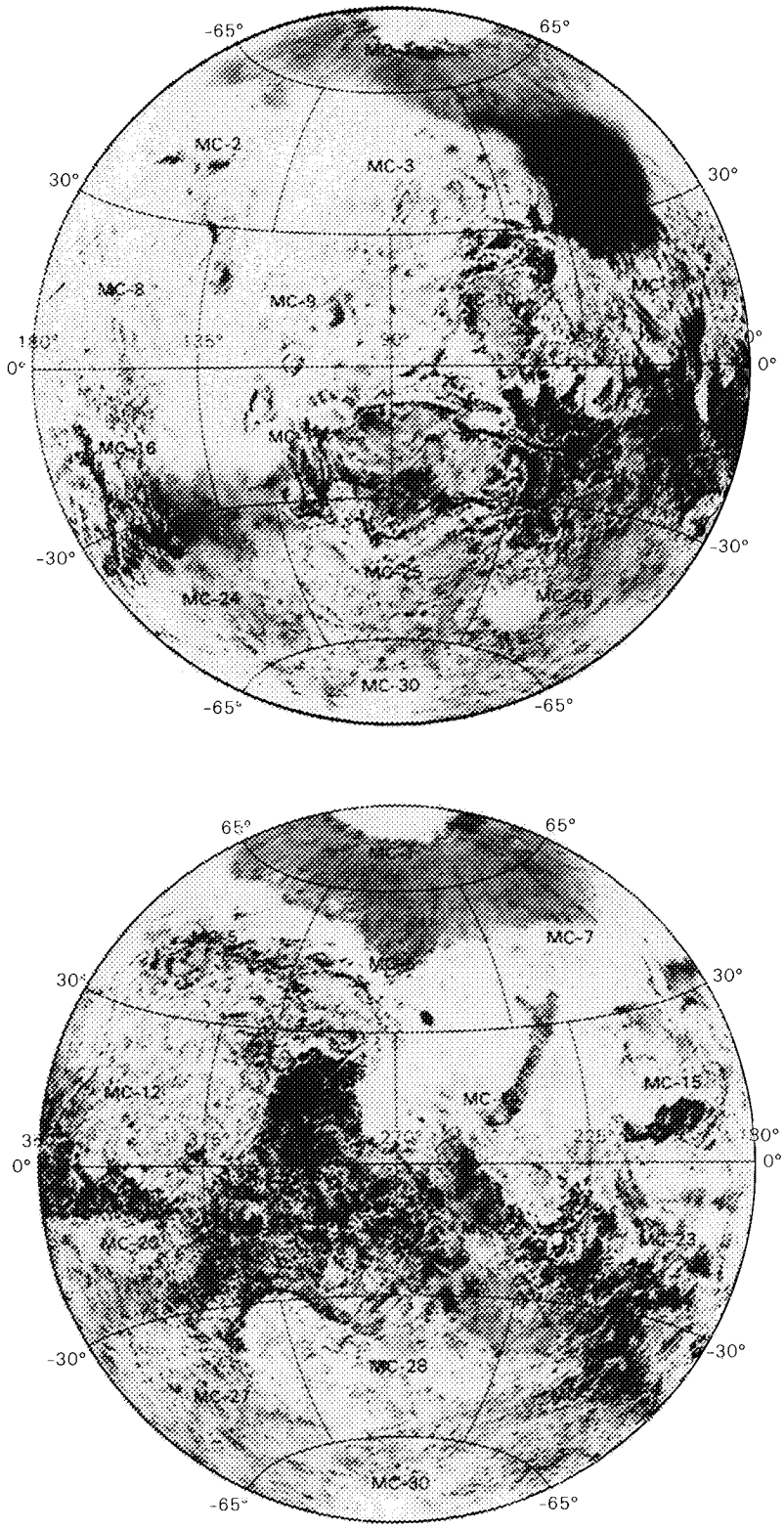



Figure 32. Index maps showing the location of 1:5,000,000-scale sheets of Mars.

## 1:2,000,000 SHADED RELIEF MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2M | MC-17 NW | PHOENICIS LACUS NW: RELIEF | - 7 | 124 | R | 1982 | 1478 |
| 2M | MC-18 NW | COPRATES NW: RELIEF | - 7 | 79 | R | 1981 | 1295 |

## 1:2,000,000 GEOLOGIC MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2M | | VALLES MARINERIS: GEOLOGIC | | | G | 1991 | 2010 |
| 2M | MC- 2 SE | DIACRIA SE: FLOW MAP | 39 | 124 | G | 1981 | 1276 |
| 2M | MC- 3 SW | ARCADIA SW: FLOW MAP | 39 | 101 | G | 1982 | 1278 |
| 2M | MC- 8 NE | AMAZONIS NE: FLOW MAP | 22 | 146 | G | 1982 | 1279 |
| 2M | MC- 8 SE | AMAZONIS SE: FLOW MAP | 7 | 146 | G | 1982 | 1280 |
| 2M | MC- 9 NE | THARSIS NE: FLOW MAP | 22 | 101 | G | 1982 | 1267 |
| 2M | MC- 9 NW | THARSIS NW: FLOW MAP | 22 | 124 | G | 1982 | 1266 |
| 2M | MC- 9 SE | THARSIS SE: FLOW MAP | 7 | 101 | G | 1982 | 1269 |
| 2M | MC- 9 SW | THARSIS SW: FLOW MAP | 7 | 124 | G | 1982 | 1268 |
| 2M | MC-16 NE | MEMNONIA NE: FLOW MAP | - 7 | 146 | G | 1982 | 1270 |
| 2M | MC-16 SE | MEMNONIA SE: FLOW MAP | -22 | 146 | G | 1982 | 1271 |
| 2M | MC-17 NE | PHOENICIS LACUS NE: FLOW MAP | - 7 | 101 | G | 1982 | 1277 |
| 2M | MC-17 NW | PHOENICIS LACUS NW: FLOW MAP | - 7 | 124 | G | 1982 | 1272 |
| 2M | MC-17 SE | PHOENICIS LACUS SE: FLOW MAP | -22 | 101 | G | 1982 | 1274 |
| 2M | MC-17 SW | PHOENICIS LACUS SW: FLOW MAP | -22 | 124 | G | 1982 | 1275 |
| 2M | MC-24 NE | PHAETHONTIS NE: FLOW MAP | -39 | 124 | G | 1982 | 1281 |
| 2M | MC-25 NW | THAUMASIA NW: FLOW MAP | -39 | 101 | G | 1982 | 1273 |

## 1:2,000,000 CONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2M | | OLYMPUS MONS | 22 | 138 | CM | 1981 | 1379 |
| 2M | MC- 1 A&B | MARE BOREUM | 90 | 0 | CM | 1985 | 1703 |
| 2M | MC- 1 C | MARE BOREUM | 71 | 23 | CM | 1985 | 1667 |
| 2M | MC- 1 D | MARE BOREUM | 71 | 68 | CM | 1985 | 1668 |
| 2M | MC- 1 E | MARE BOREUM | 71 | 113 | CM | 1985 | 1669 |
| 2M | MC- 1 F | MARE BOREUM | 71 | 158 | CM | 1985 | 1670 |
| 2M | MC- 1 G | MARE BOREUM | 71 | 203 | CM | 1985 | 1671 |
| 2M | MC- 1 H | MARE BOREUM | 71 | 248 | CM | 1985 | 1672 |
| 2M | MC- 1 I | MARE BOREUM | 71 | 293 | CM | 1985 | 1673 |
| 2M | MC- 1 J | MARE BOREUM | 71 | 338 | CM | 1985 | 1674 |
| 2M | MC- 2 NE | DIACRIA NE | 56 | 135 | CM | 1981 | 1359 |
| 2M | MC- 2 NW | DIACRIA NW | 56 | 165 | CM | 1981 | 1328 |
| 2M | MC- 2 SC | DIACRIA SC | 39 | 124 | CM | 1981 | 1356 |
| 2M | MC- 2 SE | DIACRIA SE | 39 | 124 | CM | 1981 | 1357 |

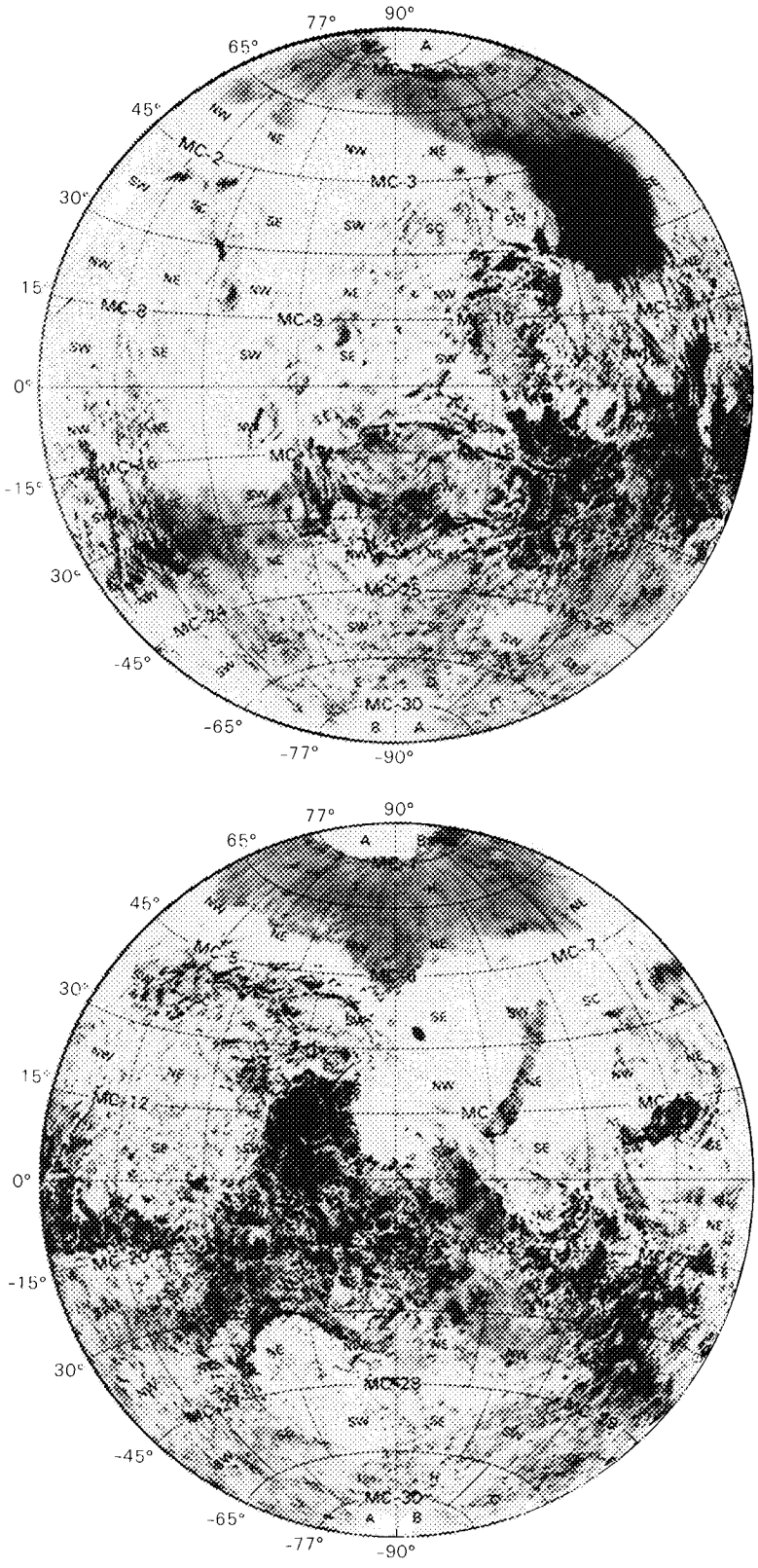



Figure 33. Index maps showing the location of 1:2,000,000-scale sheets of Mars.

## 1:2,000,000 CONTROLLED PHOTOMOSAICS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2M | MC- 2 SW | DIACRIA SW: REVISED | 39 | 169 | CM | 1984 | 1598 |
| 2M | MC- 2 SW | DIACRIA SW | 39 | 169 | CM | 1981 * | 1358 |
| 2M | MC- 3 NE | ARCADIA NE | 56 | 75 | CM | 1981 | 1353 |
| 2M | MC- 3 NW | ARCADIA NW | 56 | 105 | CM | 1981 | 1355 |
| 2M | MC- 3 SE | ARCADIA SE | 39 | 79 | CM | 1981 | 1352 |
| 2M | MC- 3 SW | ARCADIA SW: REVISED | 39 | 101 | CM | 1984 | 1597 |
| 2M | MC- 3 SW | ARCADIA SW | 39 | 101 | CM | 1981 * | 1354 |
| 2M | MC- 4 NE | MARE ACIDALIUM NE | 56 | 15 | CM | 1981 | 1348 |
| 2M | MC- 4 NW | MARE ACIDALIUM NW | 56 | 45 | CM | 1981 | 1347 |
| 2M | MC- 4 SC | MARE ACIDALIUM SC | 39 | 34 | CM | 1981 | 1350 |
| 2M | MC- 4 SE | MARE ACIDALIUM SE | 39 | 11 | CM | 1981 | 1351 |
| 2M | MC- 4 SW | MARE ACIDALIUM SW | 39 | 56 | CM | 1981 | 1349 |
| 2M | MC- 5 NE | ISMENIUS LACUS NE | 56 | 315 | CM | 1982 | 1433 |
| 2M | MC- 5 NW | ISMENIUS LACUS NW | 56 | 345 | CM | 1982 | 1434 |
| 2M | MC- 5 SC | ISMENIUS LACUS SC: REVISED | 39 | 326 | CM | 1985 | 1620 |
| 2M | MC- 5 SC | ISMENIUS LACUS SC | 39 | 326 | CM | 1982 * | 1435 |
| 2M | MC- 5 SE | ISMENIUS LACUS SE | 39 | 304 | CM | 1982 * | 1436 |
| 2M | MC- 5 SE | ISMENIUS LACUS SE: REVISED | 39 | 304 | CM | 1985 | 1629 |
| 2M | MC- 5 SW | ISMENIUS LACUS SW | 39 | 349 | CM | 1982 | 1437 |
| 2M | MC- 6 NE | CASIUS NE | 56 | 255 | CM | 1983 * | 1563 |
| 2M | MC- 6 NE | CASIUS NE: REVISED | 56 | 255 | CM | 1985 | 1679 |
| 2M | MC- 6 NW | CASIUS NW: REVISED | 56 | 285 | CM | 1985 | 1619 |
| 2M | MC- 6 NW | CASIUS NW | 56 | 285 | CM | 1982 * | 1431 |
| 2M | MC- 6 SE | CASIUS SE: REVISED | 39 | 259 | CM | 1985 | 1680 |
| 2M | MC- 6 SE | CASIUS SE | 39 | 259 | CM | 1983 * | 1432 |
| 2M | MC- 6 SW | CASIUS SW | 39 | 281 | CM | 1983 | 1525 |
| 2M | MC- 7 NE | CEBRENIA NE | 56 | 195 | CM | 1981 | 1397 |
| 2M | MC- 7 NW | CEBRENIA NW | 56 | 225 | CM | 1983 | 1521 |
| 2M | MC- 7 SC | CEBRENIA SC | 39 | 214 | CM | 1981 | 1398 |
| 2M | MC- 7 SE | CEBRENIA SE | 39 | 191 | CM | 1981 | 1399 |
| 2M | MC- 7 SW | CEBRENIA SW | 39 | 236 | CM | 1983 | 1564 |
| 2M | MC- 8 NE | AMAZONIS NE | 22 | 146 | CM | 1981 | 1331 |
| 2M | MC- 8 NW | AMAZONIS NW | 22 | 169 | CM | 1981 | 1334 |
| 2M | MC- 8 SE | AMAZONIS SE | 7 | 146 | CM | 1981 | 1333 |
| 2M | MC- 8 SW | AMAZONIS SW | 7 | 169 | CM | 1981 | 1332 |
| 2M | MC- 9 NE | THARSIS NE | 22 | 101 | CM | 1980 | 1258 |
| 2M | MC- 9 NW | THARSIS NW | 22 | 124 | CM | 1980 * | 1259 |
| 2M | MC- 9 NW | THARSIS NW: REVISED | 22 | 124 | CM | 1985 | 1621 * |
| 2M | MC- 9 SE | THARSIS SE | 7 | 101 | CM | 1980 | 1260 |
| 2M | MC- 9 SW | THARSIS SW: REVISED | 7 | 124 | CM | 1985 | 1622 |
| 2M | MC- 9 SW | THARSIS SW | 7 | 124 | CM | 1980 * | 1261 |
| 2M | MC-10 NE | LUNAE PALUS NE | 22 | 56 | CM | 1980 | 1305 |
| 2M | MC-10 NW | LUNAE PALUS NW | 22 | 79 | CM | 1980 | 1303 |
| 2M | MC-10 SE | LUNAE PALUS SE | 7 | 56 | CM | 1980 | 1307 |

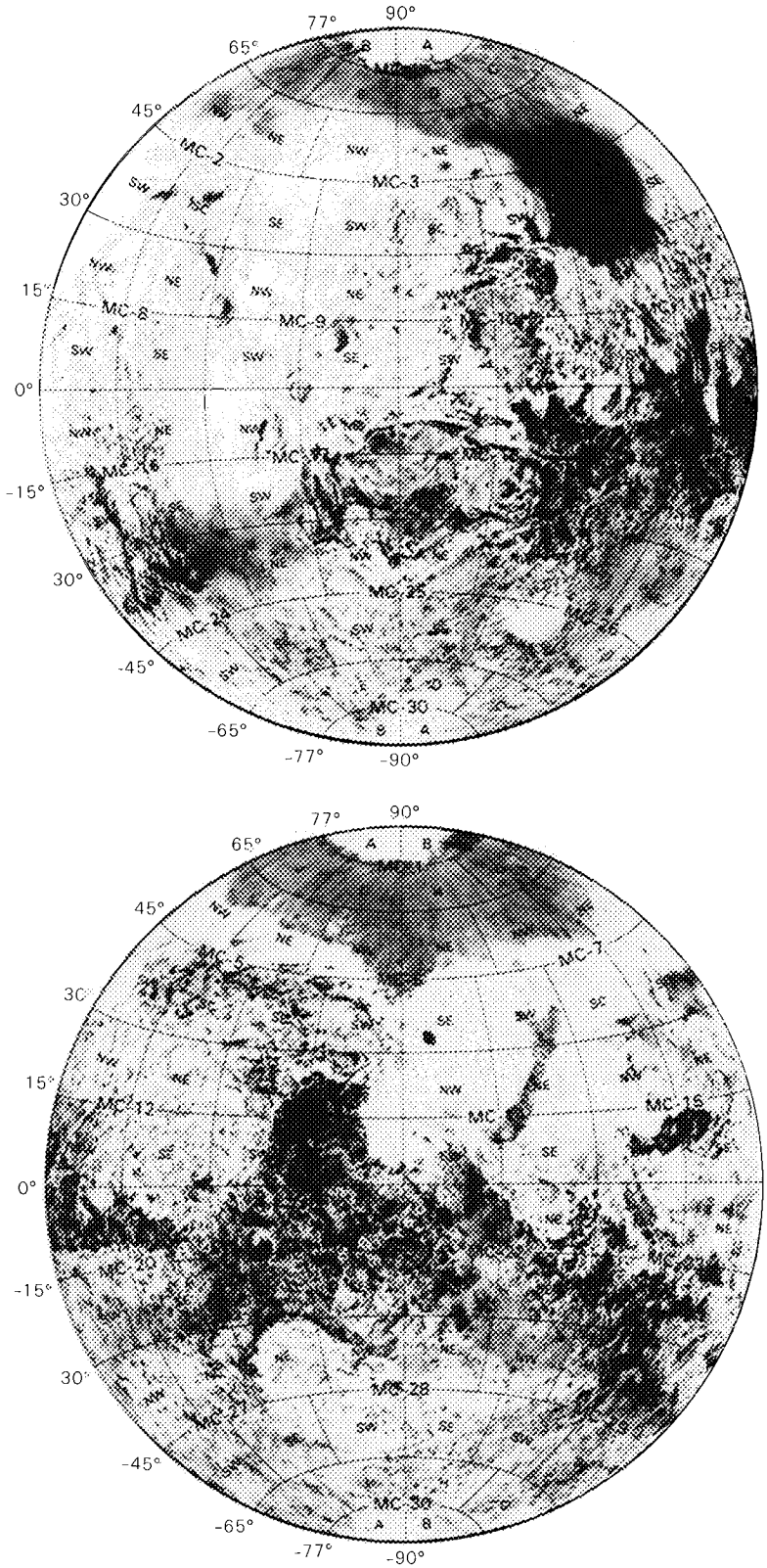



Figure 34. Index maps showing the location of 1:2,000,000-scale sheets of Mars.

## 1:2,000,000 CONTROLLED PHOTOMOSAICS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2M | MC-10 SW | LUNAE PALUS SW | 7 | 79 | CM | 1980 | 1306 |
| 2M | MC-11 NE | OXIA PALUS NE | 22 | 11 | CM | 1981 | 1344 |
| 2M | MC-11 NW | OXIA PALUS NW | 22 | 34 | CM | 1981 | 1345 |
| 2M | MC-11 SE | OXIA PALUS SE | 7 | 11 | CM | 1981 | 1342 |
| 2M | MC-11 SW | OXIA PALUS SW | 7 | 34 | CM | 1981 | 1343 |
| 2M | MC-12 NE | ARABIA NE: REVISED | 22 | 326 | CM | 1985 | 1624 |
| 2M | MC-12 NE | ARABIA NE | 22 | 326 | CM | 1982 * | 1464 |
| 2M | MC-12 NW | ARABIA NW | 22 | 349 | CM | 1982 | 1467 |
| 2M | MC-12 SE | ARABIA SE | 7 | 326 | CM | 1982 | 1466 |
| 2M | MC-12 SW | ARABIA SW | 7 | 349 | CM | 1982 | 1465 |
| 2M | MC-13 NE | SYRTIS MAJOR NE | 22 | 281 | CM | 1982 | 1414 |
| 2M | MC-13 NW | SYRTIS MAJOR NW | 22 | 304 | CM | 1982 | 1415 |
| 2M | MC-13 SE | SYRTIS MAJOR SE | 7 | 281 | CM | 1982 | 1412 |
| 2M | MC-13 SW | SYRTIS MAJOR SW | 7 | 304 | CM | 1982 | 1413 |
| 2M | MC-14 NE | AMENTHES NE | 22 | 236 | CM | 1982 | 1426 |
| 2M | MC-14 NW | AMENTHES NW | 22 | 259 | CM | 1982 | 1427 |
| 2M | MC-14 SE | AMENTHES SE | 7 | 236 | CM | 1982 | 1428 |
| 2M | MC-14 SW | AMENTHES SW | 7 | 259 | CM | 1982 | 1429 |
| 2M | MC-15 NE | ELYSIUM NE | 22 | 191 | CM | 1981 | 1385 |
| 2M | MC-15 NW | ELYSIUM NW: REVISED | 22 | 214 | CM | 1984 | 1581 |
| 2M | MC-15 NW | ELISIUM NW | 22 | 214 | CM | 1981 * | 1386 |
| 2M | MC-15 SE | ELYSIUM SE | 7 | 191 | CM | 1981 * | 1387 |
| 2M | MC-15 SE | ELYSIUM SE: REVISED | 7 | 191 | CM | 1984 | 1582 |
| 2M | MC-15 SW | ELYSIUM SW | 7 | 214 | CM | 1981 | 1384 |
| 2M | MC-16 NE | MEMNONIA NE | - 7 | 146 | CM | 1979 | 1185 |
| 2M | MC-16 NW | MEMNONIA NW | - 7 | 169 | CM | 1979 | 1186 |
| 2M | MC-16 SE | MEMNONIA SE | -22 | 146 | CM | 1979 | 1187 |
| 2M | MC-16 SW | MEMNONIA SW | -22 | 169 | CM | 1979 | 1188 |
| 2M | MC-17 NE | PHOENICIIS LACUS NE | - 7 | 101 | CM | 1979 | 1206 |
| 2M | MC-17 NW | PHOENICIS LACUS NW | - 7 | 124 | CM | 1979 | 1205 |
| 2M | MC-17 SE | PHOENICIS LACUS SE | -22 | 101 | CM | 1979 | 1190 |
| 2M | MC-17 SW | PHOENICIS LACUS SW | -22 | 124 | CM | 1979 | 1189 |
| 2M | MC-18 NE | COPRATES NE | - 7 | 56 | CM | 1979 | 1208 |
| 2M | MC-18 NW | COPRATES NW | - 7 | 79 | CM | 1979 | 1207 |
| 2M | MC-18 SE | COPRATES SE | -22 | 56 | CM | 1979 | 1184 |
| 2M | MC-18 SW | COPRATES SW | -22 | 79 | CM | 1979 | 1183 |
| 2M | MC-19 NE | MARGARITIFER SINUS NE | - 7 | 11 | CM | 1981 | 1382 |
| 2M | MC-19 NW | MARGARITIFER SINUS NW | - 7 | 34 | CM | 1981 | 1381 |
| 2M | MC-19 SE | MARGARITIFER SINUS SE | -22 | 11 | CM | 1979 | 1210 |
| 2M | MC-19 SW | MARGARITIFER SINUS SW | -22 | 34 | CM | 1979 | 1209 |
| 2M | MC-20 NE | SINUS SABAEUS NE | - 7 | 326 | CM | 1981 | 1377 |
| 2M | MC-20 NW | SINUS SABAEUS NW | - 7 | 349 | CM | 1981 | 1376 |
| 2M | MC-20 SE | SINUS SABAEUS SE | -22 | 326 | CM | 1979 | 1212 |
| 2M | MC-20 SW | SINUS SABAEUS SW: REVISED | -22 | 349 | CM | 1985 | 1630 |

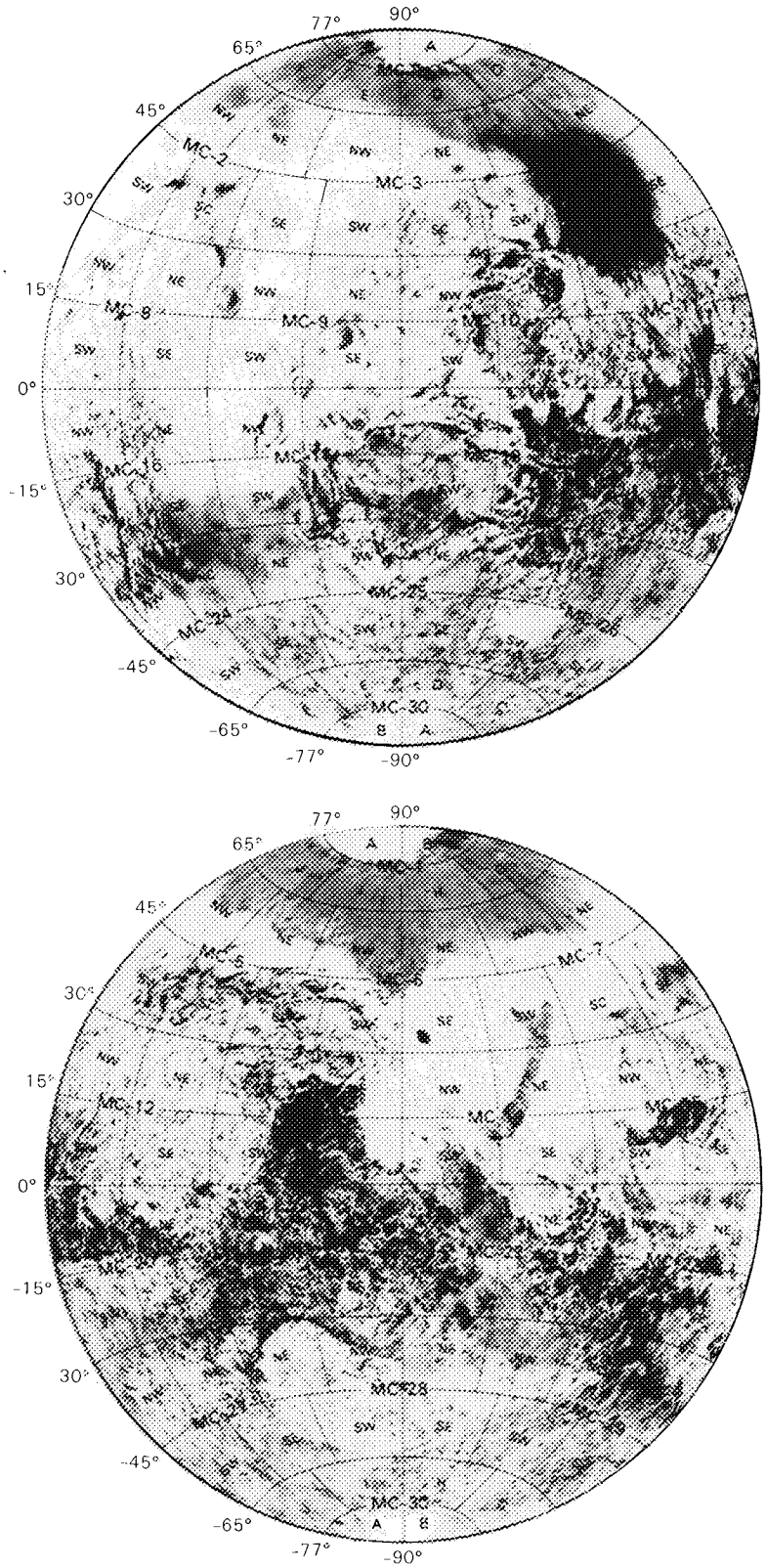



Figure 35. Index maps showing the location of 1:2,000,000-scale sheets of Mars.

## 1:2,000,000 CONTROLLED PHOTOMOSAICS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2M | MC-20 SW | SINUS SABAEUS SW | -22 | 349 | CM | 1979 * | 1211 |
| 2M | MC-21 NE | IAPYGIA NE | - 7 | 281 | CM | 1982 | 1438 |
| 2M | MC-21 NW | IAPYGIA NW | - 7 | 304 | CM | 1982 * | 1439 |
| 2M | MC-21 NW | IAPYGIA NW: REVISED | - 7 | 304 | CM | 1985 | 1623 |
| 2M | MC-21 SE | IAPYGIA SE | -22 | 281 | CM | 1982 | 1440 |
| 2M | MC-21 SW | IAPYGIA SW | -22 | 304 | CM | 1982 | 1441 |
| 2M | MC-22 NE | MARE TYRRHENUM NE | - 7 | 236 | CM | 1982 | 1469 |
| 2M | MC-22 NW | MARE TYRRHENUM NW | - 7 | 259 | CM | 1982 | 1468 |
| 2M | MC-22 SE | MARE TYRRHENUM SE | -22 | 236 | CM | 1982 | 1470 |
| 2M | MC-22 SW | MARE TYRRHENUM SW | -22 | 259 | CM | 1982 | 1471 |
| 2M | MC-23 NE | AEOLIS NE | - 7 | 191 | CM | 1982 | 1497 |
| 2M | MC-23 NW | AEOLIS NW | - 7 | 214 | CM | 1979 | 1213 |
| 2M | MC-23 SE | AEOLIS SE | -22 | 191 | CM | 1979 | 1215 |
| 2M | MC-23 SW | AEOLIS SW | -22 | 214 | CM | 1979 | 1214 |
| 2M | MC-24 NC | PHAETHONTIS NC | -39 | 146 | CM | 1981 * | 1336 |
| 2M | MC-24 NC | PHAETHONTIS NC: REVISED | -39 | 146 | CM | 1983 | 1555 |
| 2M | MC-24 NE | PHAETHONTIS NE | -39 | 124 | CM | 1981 * | 1335 |
| 2M | MC-24 NE | PHAETHONTIS NE: REVISED | -39 | 124 | CM | 1984 | 1601 |
| 2M | MC-24 NW | PHAETHONTIS NW | -39 | 169 | CM | 1983 | 1553 |
| 2M | MC-24 SE | PHAETHONTIS SE | -56 | 135 | CM | 1984 | 1603 |
| 2M | MC-24 SW | PHAETHONTIS SW | -56 | 165 | CM | 1985 | 1681 |
| 2M | MC-25 NE | THAUMASIA NE | -39 | 79 | CM | 1980 * | 1262 |
| 2M | MC-25 NE | THAUMASIA NE: REVISED | -39 | 79 | CM | 1984 | 1602 |
| 2M | MC-25 NW | THAUMASIA NW | -39 | 101 | CM | 1980 | 1263 |
| 2M | MC-25 SE | THAUMASIA SE | -56 | 75 | CM | 1984 | 1600 |
| 2M | MC-25 SW | THAUMASIA SW | -56 | 105 | CM | 1984 | 1604 |
| 2M | MC-26 NC | ARGYRE NC | -39 | 34 | CM | 1979 | 1192 |
| 2M | MC-26 NE | ARGYRE NE | -39 | 11 | CM | 1979 | 1193 |
| 2M | MC-26 NW | ARGYRE NW | -39 | 56 | CM | 1979 | 1191 |
| 2M | MC-26 SE | ARGYRE SE | -56 | 15 | CM | 1979 | 1682 |
| 2M | MC-26 SW | ARGYRE SW | -56 | 45 | CM | 1985 | 1683 |
| 2M | MC-27 NC | NOACHIS NC | -39 | 326 | CM | 1981 | 1394 |
| 2M | MC-27 NE | NOACHIS NE | -39 | 304 | CM | 1981 * | 1396 |
| 2M | MC-27 NE | NOACHIS NE: REVISED | -39 | 304 | CM | 1984 | 1585 |
| 2M | MC-27 NW | NOACHIS NW | -39 | 349 | CM | 1981 | 1395 |
| 2M | MC-27 SE | NOACHIS SE: REVISED | -56 | 315 | CM | 1984 | 1586 |
| 2M | MC-27 SE | NOACHIS SE | -56 | 315 | CM | 1981 * | 1393 |
| 2M | MC-27 SW | NOACHIS SW | -56 | 345 | CM | 1984 | 1584 |
| 2M | MC-28 NE | HELLAS NE | -39 | 259 | CM | 1982 | 1451 |
| 2M | MC-28 NW | HELLAS NW | -39 | 281 | CM | 1982 | 1452 |
| 2M | MC-28 SE | HELLAS SE | -56 | 255 | CM | 1982 | 1453 |
| 2M | MC-28 SW | HELLAS SW | -56 | 285 | CM | 1982 | 1454 |
| 2M | MC-29 NC | ERIDANIA NC | -39 | 214 | CM | 1982 | 1340 |
| 2M | MC-29 NE | ERIDANIA NE | -39 | 191 | CM | 1982 | 1339 |

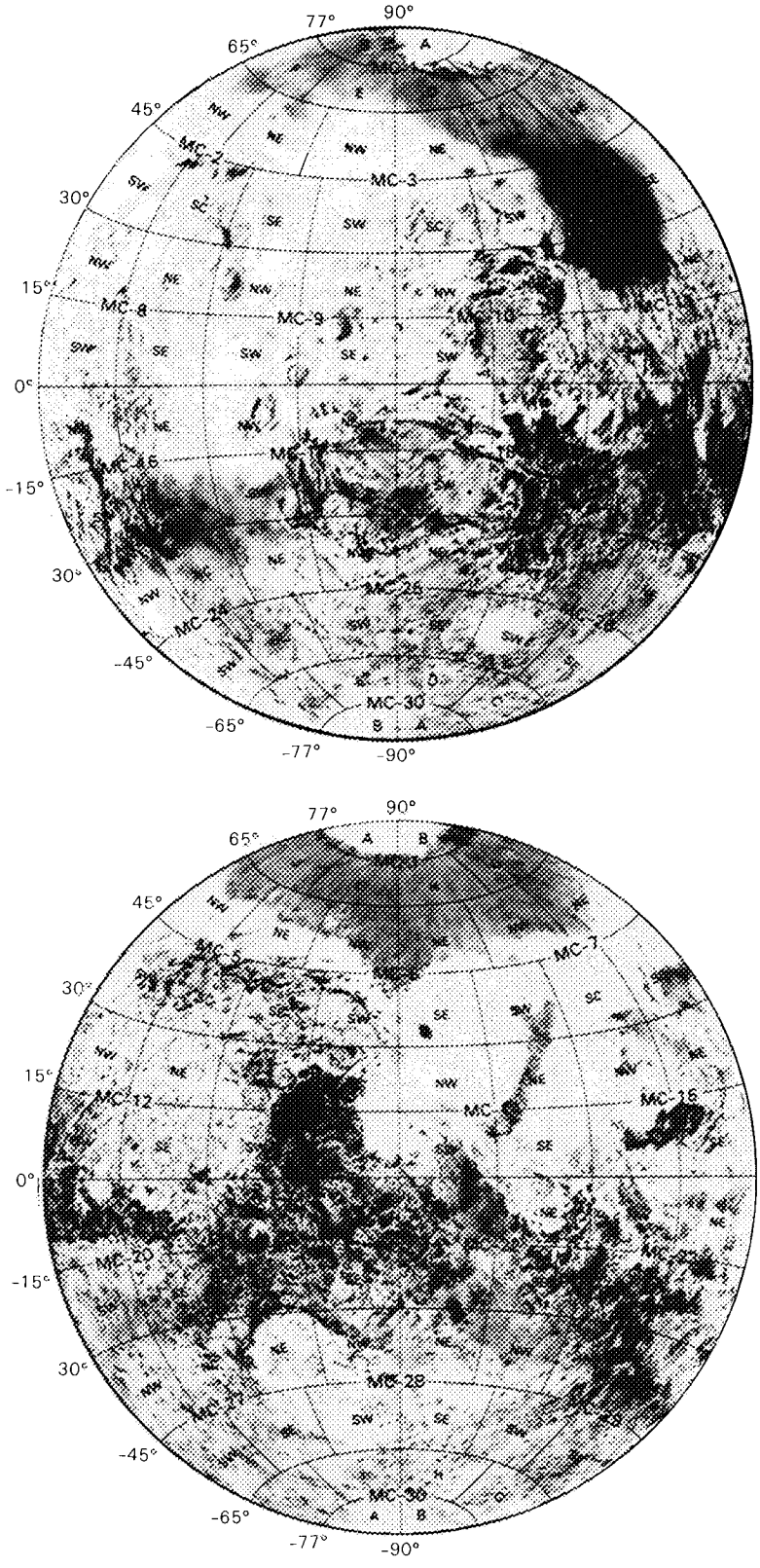



Figure 36. Index maps showing the location of 1:2,000,000-scale sheets of Mars.

## 1:2,000,000 CONTROLLED PHOTOMOSAICS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2M | MC-29 NW | ERIDANIA NW | -39 | 236 | CM | 1982 | 1341 |
| 2M | MC-29 SE | ERIDANIA SE | -56 | 195 | CM | 1982 | 1337 |
| 2M | MC-29 SW | ERIDANIA SW | -56 | 225 | CM | 1984 | 1583 |
| 2M | MC-29 SW | ERIDANIA SW | -56 | 225 | CM | 1982 | 1338 |
| 2M | MC-30 A&B | MARE AUSTRALE A&B | -90 | 0 | CM | 1985 | 1647 |
| 2M | MC-30 C | MARE AUSTRALE C | -71 | 23 | CM | 1985 | 1633 |
| 2M | MC-30 D | MARE AUSTRALE D | -71 | 68 | CM | 1985 | 1634 |
| 2M | MC-30 E | MARE AUSTRALE E | -71 | 113 | CM | 1985 | 1635 |
| 2M | MC-30 F | MARE AUSTRALE F | -71 | 158 | CM | 1985 | 1636 |
| 2M | MC-30 G | MARE AUSTRALE G | -71 | 203 | CM | 1985 | 1628 |
| 2M | MC-30 H | MARE AUSTRALE H | -71 | 248 | CM | 1985 | 1625 |
| 2M | MC-30 I | MARE AUSTRALE I | -71 | 293 | CM | 1985 | 1637 |
| 2M | MC-30 J | MARE AUSTRALE J | -71 | 338 | CM | 1985 | 1638 |

## 1:2,000,000 TOPOGRAPHIC MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2M | MC- 8 SW | AMAZONIS SW: CONTOUR MAP | 7 | 169 | T | 1986 | 1708 |
| 2M | MC- 9 NE | THARSIS NE: CONTOUR MAP | 22 | 101 | T | 1991 | 2111 |
| 2M | MC- 9 NW | THARSIS NW: CONTOUR MAP | 22 | 124 | T | 1986 | 1684 |
| 2M | MC- 9 SE | THARSIS SE: CONTOUR MAP | 7 | 101 | T | 1991 | 2112 |
| 2M | MC- 9 SW | THARSIS SW: CONTOUR MAP | 7 | 124 | T | 1991 | 2113 |
| 2M | MC-12 NE | ARABIA NE: CONTOUR MAP | 22 | 326 | T | 1991 | 2098 |
| 2M | MC-12 NW | ARABIA NW: CONTOUR MAP | 22 | 349 | T | 1991 | 2101 |
| 2M | MC-12 SE | ARABIA SE: CONTOUR MAP | 7 | 326 | T | 1991 | 2099 |
| 2M | MC-12 SW | ARABIA SW: CONTOUR MAP | 7 | 349 | T | 1991 | 2100 |
| 2M | MC-14 NE | AMENTHES NE: CONTOUR MAP | 22 | 236 | T | 1991 | 2134 |
| 2M | MC-14 NW | AMENTHES NW: CONTOUR MAP | 22 | 259 | T | 1991 | 2137 |
| 2M | MC-14 SE | AMENTHES SE: CONTOUR MAP | 7 | 236 | T | 1991 | 2135 |
| 2M | MC-14 SW | AMENTHES SW: CONTOUR MAP | 7 | 259 | T | 1991 | 2136 |
| 2M | MC-15 NE | ELYSIUM NE: CONTOUR MAP | 22 | 191 | T | 1991 | 2126 |
| 2M | MC-15 NW | ELYSIUM NW: CONTOUR MAP | 22 | 214 | T | 1991 | 2129 |
| 2M | MC-15 SE | ELYSIUM SE: CONTOUR MAP | 7 | 191 | T | 1991 | 2127 |
| 2M | MC-15 SW | ELYSIUM SW: CONTOUR MAP | 7 | 214 | T | 1991 | 2128 |
| 2M | MC-16 NE | MEMNONIA NE: CONTOUR MAP | - 7 | 146 | T | 1986 | 1709 |
| 2M | MC-16 NW | MEMNONIA NW: CONTOUR MAP | - 7 | 169 | T | 1986 | 1710 |
| 2M | MC-16 SE | MEMNONIA SE: CONTOUR MAP | -22 | 146 | T | 1991 | 2109 |
| 2M | MC-16 SW | MEMNONIA SW: CONTOUR MAP | -22 | 169 | T | 1991 | 2110 |
| 2M | MC-17 NE | PHOENICIS LACUS NE: CONTOUR | - 7 | 101 | T | 1986 | 1689 |
| 2M | MC-17 NW | PHOENICIS LACUS NW: CONTOUR | - 7 | 124 | T | 1986 | 1711 |
| 2M | MC-17 SE | PHOENICIS LACUS SE: CONTOURS | -22 | 101 | T | 1991 | 2132 |
| 2M | MC-17 SW | PHOENICIS LACUS SW: CONTOURS | -22 | 124 | T | 1991 | 2133 |
| 2M | MC-18 NW | COPRATES NW: CONTOUR MAP | - 7 | 79 | T | 1986 | 1712 |

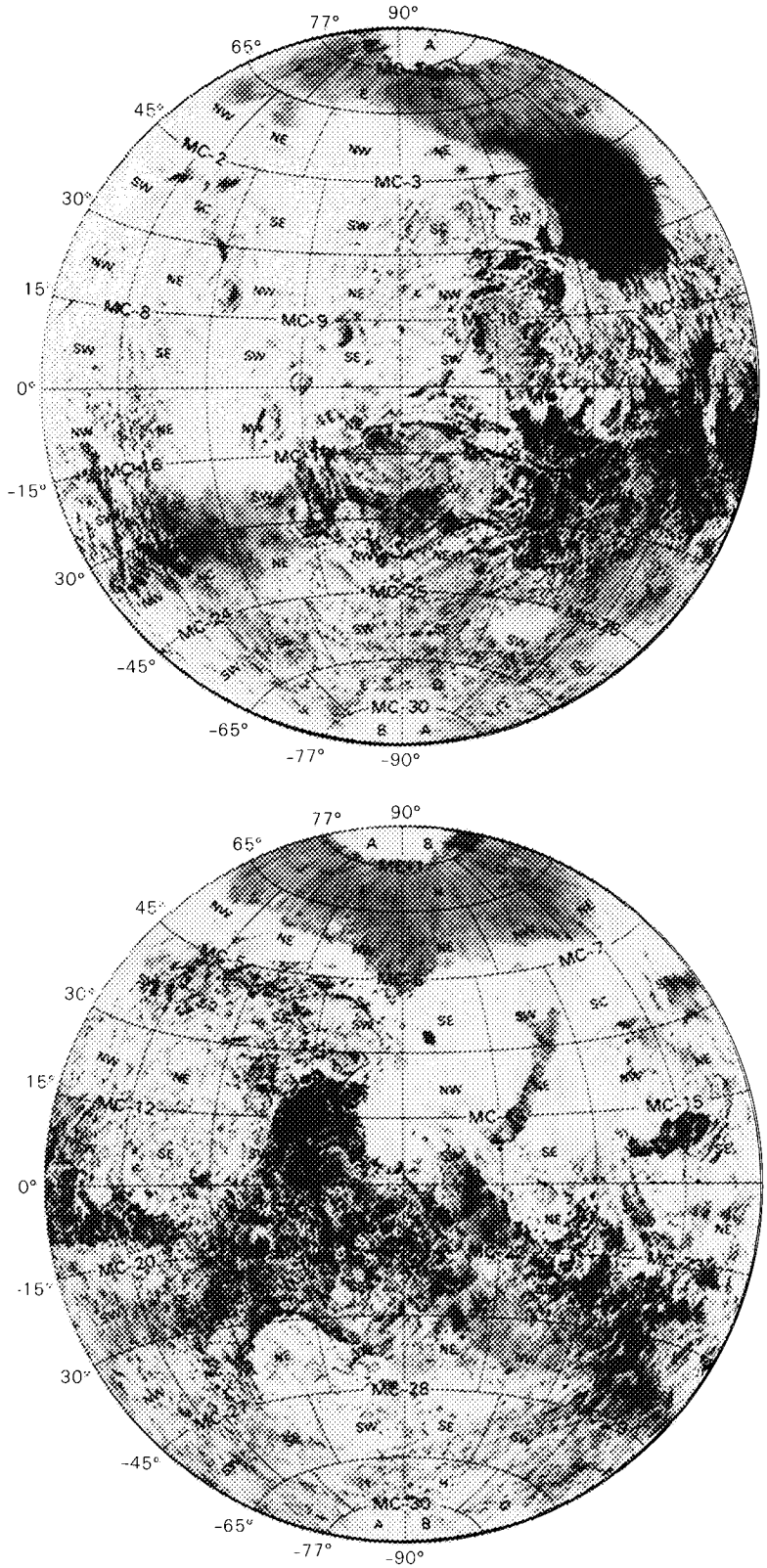



Figure 37. Index maps showing the location of 1:2,000,000-scale sheets of Mars.

## 1:2,000,000 TOPOGRAPHIC MAPS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 2M | MC-20 NE | SINUS SABAEUS NE: CONTOURS | - 7 | 326 | T | 1991 | 2122 |
| 2M | MC-20 NW | SINUS SABAEUS NW: CONTOURS | - 7 | 349 | T | 1991 | 2125 |
| 2M | MC-20 SE | SINUS SABAEUS SE: CONTOURS | -22 | 326 | T | 1991 | 2123 |
| 2M | MC-20 SW | SINUS SABAEUS SW: CONTOURS | -22 | 349 | T | 1991 | 2124 |
| 2M | MC-21 NE | IAPYGIA NE: CONTOUR MAP | - 7 | 281 | T | 1991 | 2102 |
| 2M | MC-21 NW | IAPYGIA NW: CONTOUR MAP | - 7 | 304 | T | 1991 | 2105 |
| 2M | MC-21 SE | IAPYGIA SE: CONTOUR MAP | -22 | 281 | T | 1991 | 2103 |
| 2M | MC-21 SW | IAPYGIA SW: CONTOUR MAP | -22 | 304 | T | 1991 | 2104 |
| 2M | MC-22 NE | MARE TYRRHENUM NE: CONTOURS | - 7 | 236 | T | 1991 | 2114 |
| 2M | MC-22 NW | MARE TYRRHENUM NW: CONTOURS | - 7 | 259 | T | 1991 | 2117 |
| 2M | MC-22 SE | MARE TYRRHENUM SE: CONTOURS | -22 | 236 | T | 1991 | 2115 |
| 2M | MC-22 SW | MARE TYRRHENUM SW: CONTOURS | -22 | 259 | T | 1991 | 2116 |
| 2M | MC-23 NE | AEOLIS NE: CONTOUR MAP | - 7 | 191 | T | 1991 | 2118 |
| 2M | MC-23 NW | AEOLIS NW: CONTOUR MAP | - 7 | 214 | T | 1991 | 2121 |
| 2M | MC-23 SE | AEOLIS SE: CONTOUR MAP | -22 | 191 | T | 1991 | 2119 |
| 2M | MC-23 SW | AEOLIS SW: CONTOUR MAP | -22 | 214 | T | 1991 | 2120 |

# MARS

## 1:1,000,000 ALBEDO/TOPO MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 1M | CAPRI: TOPO | - 4 | 39 | RMC | 1977 | 1046 |
| 1M | CHRYSE: TOPO | 20 | 34 | RMC | 1976 | 983 |
| 1M | CYDONIA: TOPO | 44 | 10 | RMC | 1976 | 988 |
| 1M | ERYTHRAEUM: TOPO | -24 | 26 | RMC | 1976 | 986 |
| 1M | NEREIDUM MONTES: TOPO | -45 | 42 | RMC | 1977 | 1002 |

## 1:1,000,000 SHADED RELIEF MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 1M | ERYTHRAEUM | -24 | 26 | R | 1975 | 947 |
| 1M | NEREIDUM MONTES | -45 | 42 | R | 1976 | 957 |
| 1M | CAPRI | - 4 | 39 | R | 1977 | 1026 |
| 1M | CHRYSE | 20 | 34 | R | 1976 | 939 |
| 1M | TRITONIUM LACUS | 20 | 252 | R | 1977 | 1055 |
| 1M | CYDONIA | 40 | 10 | R | 1975 | 946 |

## 1:1,000,000 CONTROLLED PHOTOMOSAICS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 1M | UTOPIA | 46 | 230 | CMC | 1975 | 1061 |
| 1M | CHRYSE EAST | 22 | 35 | CMC | 1977 | 1069 |
| 1M | CHRYSE WEST | 23 | 50 | CMC | 1977 | 1068 |

# MARS

## 1:500,000 GEOLOGIC MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 500k | | NORTH KASEI VALLES, SITE 2A | | | G | 1991 | 2107 |
| 500k | | E. MANGALA VALLIS: SITE 1A | | | G | 1989 | 1962 |
| 500k | | NORTH KASEI VALLES, SITE 2A | | | G | 1991 | 2107 |
| 500k | MTM 15132 | OLYMPUS RUPES: GEOLOGY | 15 | 132 | G | 1991 | 2001-2 |
| 500k | MTM -08157 | WEST MANGALA VALLES: GEOLOGY | - 8 | 157 | G | 1991 | 2087 |
| 500k | MTM -10172 | MEMNONIA STUDY AREA 6:GEOLOGY | -10 | 172 | G | 1991 | 2084 |
| 500k | MTM -90000 | PLANUM AUSTRALE: GEOLOGY | -90 | 0 | G | 1991 | 2304 |

## 1:500,000 CONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 500k | MTM -50036 | ARGYRE PLANITIA REGION | -50 | 36 | CM | 1991 | 2253 |
| 500k | MTM -50043 | ARGYRE PLANITIA REGION | -50 | 43 | CM | 1991 | 2252 |
| 500k | MTM -55036 | ARGYRE PLANITIA REGION | -55 | 36 | CM | 1991 | 2255 |
| 500k | MTM -55043 | ARGYRE PLANITIA REGION | -55 | 43 | CM | 1991 | 2254 |
| 500k | MTM 00057 | MAJA VALLES REGION | 0 | 57 | CM | 1985 | 1675 |
| 500k | MTM 00062 | MAJA VALLES REGION | 0 | 62 | CM | 1985 | 1677 |
| 500k | MTM 05047 | MAJA VALLES REGION | 5 | 47 | CM | 1985 | 1716 |
| 500k | MTM 05052 | MAJA VALLES REGION | 5 | 52 | CM | 1985 | 1720 |
| 500k | MTM 05057 | MAJA VALLES REGION | 5 | 57 | CM | 1985 | 1676 |
| 500k | MTM 05062 | MAJA VALLES REGION | 5 | 62 | CM | 1985 | 1678 |
| 500k | MTM 10047 | MAJA VALLES REGION | 10 | 47 | CM | 1985 | 1717 |
| 500k | MTM 10052 | MAJA VALLES REGION | 10 | 52 | CM | 1985 | 1707 |
| 500k | MTM 10057 | MAJA VALLES REGION | 10 | 57 | CM | 1985 | 1695 |
| 500k | MTM 15047 | MAJA VALLES REGION | 15 | 47 | CM | 1985 | 1718 |
| 500k | MTM 15052 | MAJA VALLES REGION | 15 | 52 | CM | 1985 | 1721 |
| 500k | MTM 15057 | MAJA VALLES REGION | 15 | 57 | CM | 1985 | 1694 |
| 500k | MTM 20047 | MAJA VALLES REGION | 20 | 47 | CM | 1985 | 1719 |
| 500k | MTM 20052 | MAJA VALLES REGION | 20 | 52 | CM | 1985 | 1693 |
| 500k | MTM 20057 | MAJA VALLES REGION | 20 | 57 | CM | 1985 | 1732 |
| 500k | MTM 25047 | MAJA VALLES REGION | 25 | 47 | CM | 1985 | 1918 |
| 500k | MTM 25057 | MAJA VALLES REGION | 25 | 57 | CM | 1988 | 1919 |
| 500k | MTM -05062 | MAJA VALLES REGION | - 5 | 62 | CM | 1985 | 1648 |
| 500k | MTM -10047 | GANGES CHASMA REGION | -10 | 47 | CM | 1991 | 2247 |
| 500k | MTM -10052 | GANGES CHASMA REGION | -10 | 52 | CM | 1991 | 2246 |
| 500k | MTM -15052 | CAPRI CHASMA REGION | -15 | 52 | CM | 1991 | 2245 |
| 500k | MTM 45062 | TEMPE FOSSAE REGION | 45 | 62 | CM | 1991 | 2187 |
| 500k | MTM 45067 | TEMPE FOSSAE REGION | 45 | 67 | CM | 1991 | 2188 |
| 500k | MTM 50063 | TEMPE FOSSAE REGION | 50 | 63 | CM | 1991 | 2189 |
| 500k | MTM 10077 | KASEI VALLES REGION | 10 | 77 | CM | 1985 | 1722 |
| 500k | MTM 15072 | KASEI VALLES REGION | 15 | 72 | CM | 1986 | 1788 |
| 500k | MTM 15077 | KASEI VALLES REGION | 15 | 77 | CM | 1985 | 1723 |
| 500k | MTM 20062 | KASEI VALLES REGION | 20 | 62 | CM | 1987 | 1868 |
| 500k | MTM 20067 | KASEI VALLES REGION | 20 | 67 | CM | 1986 | 1790 |
| 500k | MTM 20072 | KASEI VALLES REGION | 20 | 72 | CM | 1986 | 1789 |

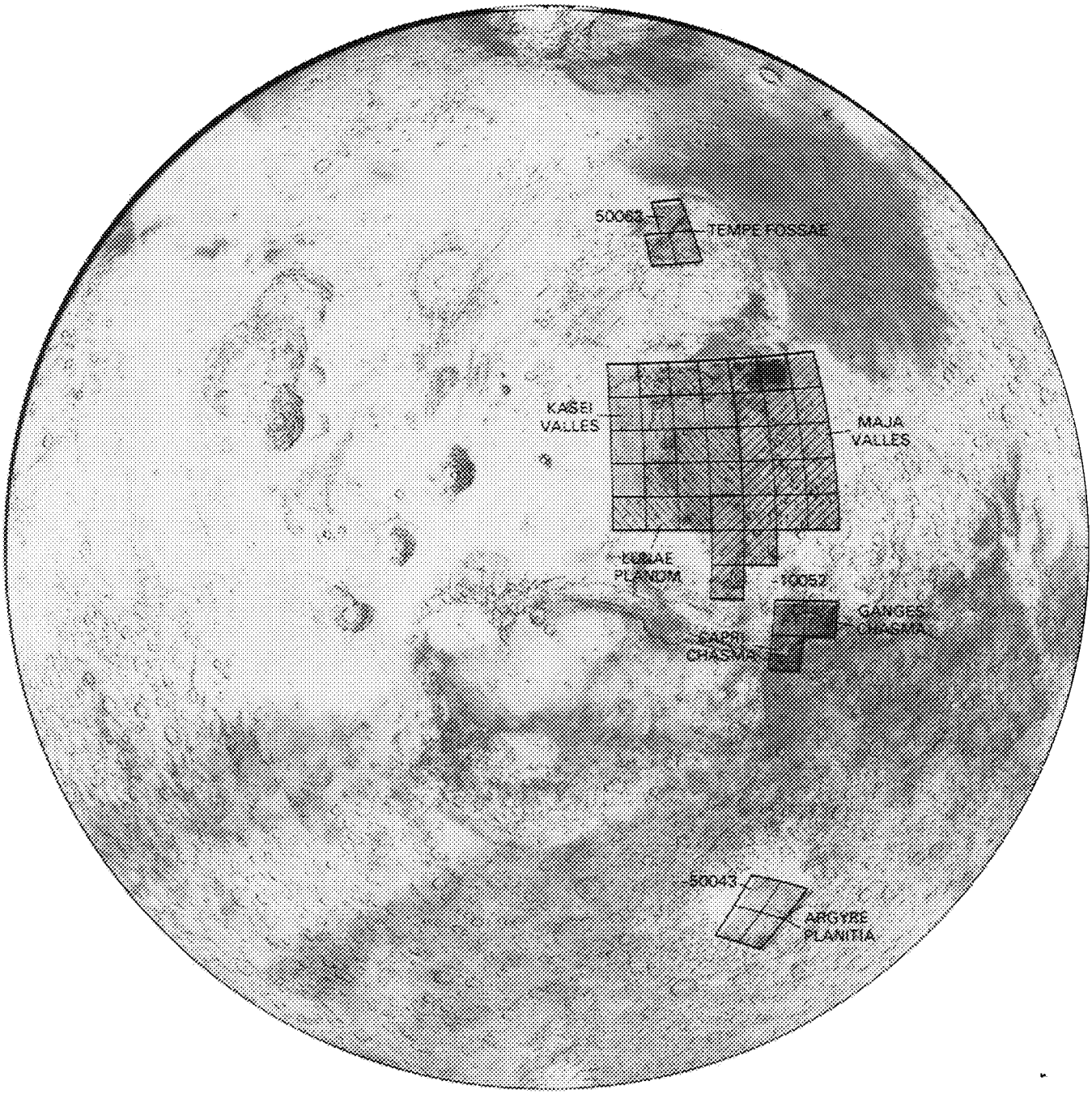



Figure 38. Index map showing the location of 1:500,000-scale sheets of Mars, long 36° to 77°.

## 1:500,000 CONTROLLED PHOTOMOSAICS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 500k | MTM 20077 | KASEI VALLES REGION | 20 | 77 | CM | 1986 | 1787 |
| 500k | MTM 25052 | KASEI VALLES REGION | 25 | 52 | CM | 1987 | 1869 |
| 500k | MTM 25062 | KASEI VALLES REGION | 25 | 62 | CM | 1987 | 1870 |
| 500k | MTM 25077 | KASEI VALLES REGION | 25 | 77 | CM | 1986 | 1786 |
| 500k | MTM 25062 | KASEI VALLES: REVISED | 25 | 62 | CM | 1991 | 2292 |
| 500k | MTM 05067 | LUNAE PLANUM REGION | 5 | 67 | CM | 1987 | 1857 |
| 500k | MTM 05072 | LUNAE PLANUM REGION | 5 | 72 | CM | 1987 | 1862 |
| 500k | MTM 05077 | LUNAE PLANUM REGION | 5 | 77 | CM | 1987 | 1863 |
| 500k | MTM 10062 | LUNAE PLANUM REGION | 10 | 62 | CM | 1988 | 1956 |
| 500k | MTM 10067 | LUNAE PLANUM REGION | 10 | 67 | CM | 1988 | 1954 |
| 500k | MTM 10072 | LUNAE PLANUM REGION | 10 | 72 | CM | 1987 | 1856 |
| 500k | MTM 15062 | LUNAE PLANUM REGION | 15 | 62 | CM | 1988 | 1953 |
| 500k | MTM 15067 | LUNAE PLANUM REGION | 15 | 67 | CM | 1988 | 1955 |
| 500k | MTM 25067 | LUNAE PLANUM REGION | 25 | 67 | CM | 1984 | 1587 |
| 500k | MTM 25072 | LUNAE PLANUM REGION | 25 | 72 | CM | 1984 | 1588 |
| 500k | MTM 25067 | LUNAE PLANUM: REVISED | 25 | 67 | CM | 1991 | 2293 |
| 500k | MTM 00067 | VALLES MARINERIS REGION | 0 | 67 | CM | 1984 | 1589 |
| 500k | MTM 00072 | VALLES MARINERIS REGION | 0 | 72 | CM | 1984 | 1599 |
| 500k | MTM -05067 | VALLES MARINERIS REGION | -5 | 67 | CM | 1984 | 1590 |
| 500k | MTM -05072 | VALLES MARINERIS REGION | -5 | 72 | CM | 1984 | 1592 |
| 500k | MTM -10067 | VALLES MARINERIS REGION | -10 | 67 | CM | 1984 | 1591 |
| 500k | MTM -10072 | VALLES MARINERIS REGION | -10 | 72 | CM | 1984 | 1593 |
| 500k | MTM 00077 | CANDOR MENSA REGION | 0 | 77 | CM | 1986 | 1840 |
| 500k | MTM -05077 | CANDOR MENSA REGION | -5 | 77 | CM | 1986 | 1841 |
| 500k | MTM -10077 | CANDOR MENSA REGION | -10 | 77 | CM | 1986 | 1842 |
| 500k | MTM 35082 | MARIOTIS/TEMPE REGION | 35 | 82 | CM | 1991 | 2190 |
| 500k | MTM 35087 | MARIOTIS/TEMPE REGION | 35 | 87 | CM | 1991 | 2191 |
| 500k | MTM 35092 | MARIOTIS/TEMPE REGION | 35 | 92 | CM | 1991 | 2192 |
| 500k | MTM 40082 | MARIOTIS/TEMPE REGION | 40 | 82 | CM | 1991 | 2193 |
| 500k | MTM 40087 | MARIOTIS/TEMPE REGION | 40 | 87 | CM | 1991 | 2194 |
| 500k | MTM 40092 | MARIOTIS/TEMPE REGION | 40 | 92 | CM | 1991 | 2195 |
| 500k | MTM 10102 | ASCREAUS MONS REGION | 10 | 102 | CM | 1991 | 2219 |
| 500k | MTM 10107 | ASCREAUS MONS REGION | 10 | 107 | CM | 1991 | 2220 |
| 500k | MTM 35102 | ALBA PATERA REGION | 35 | 102 | CM | 1985 * | 1733 |
| 500k | MTM 35107 | ALBA PATERA REGION | 35 | 107 | CM | 1985 | 1734 |
| 500k | MTM 35112 | ALBA PATERA REGION | 35 | 112 | CM | 1985 | 1735 |
| 500k | MTM 35117 | ALBA PATERA REGION | 35 | 117 | CM | 1985 | 1736 |
| 500k | MTM 40102 | ALBA PATERA REGION | 40 | 102 | CM | 1985 | 1737 |
| 500k | MTM 40107 | ALBA PATERA REGION | 40 | 107 | CM | 1985 | 1738 |
| 500k | MTM 40112 | ALBA PATERA REGION | 40 | 112 | CM | 1985 | 1739 |
| 500k | MTM 40117 | ALBA PATERA REGION | 40 | 117 | CM | 1985 | 1740 |
| 500k | MTM 45102 | ALBA PATERA REGION | 45 | 102 | CM | 1985 | 1741 |
| 500k | MTM 45107 | ALBA PATERA REGION | 45 | 107 | CM | 1985 | 1742 |
| 500k | MTM 45112 | ALBA PATERA REGION | 45 | 112 | CM | 1985 | 1743 |
| 500k | MTM 45117 | ALBA PATERA REGION | 45 | 117 | CM | 1985 | 1744 |
| 500k | MTM 35102 | ALBA PATERA REGION: REVISED | 35 | 102 | CM | 1991 | 2262 |

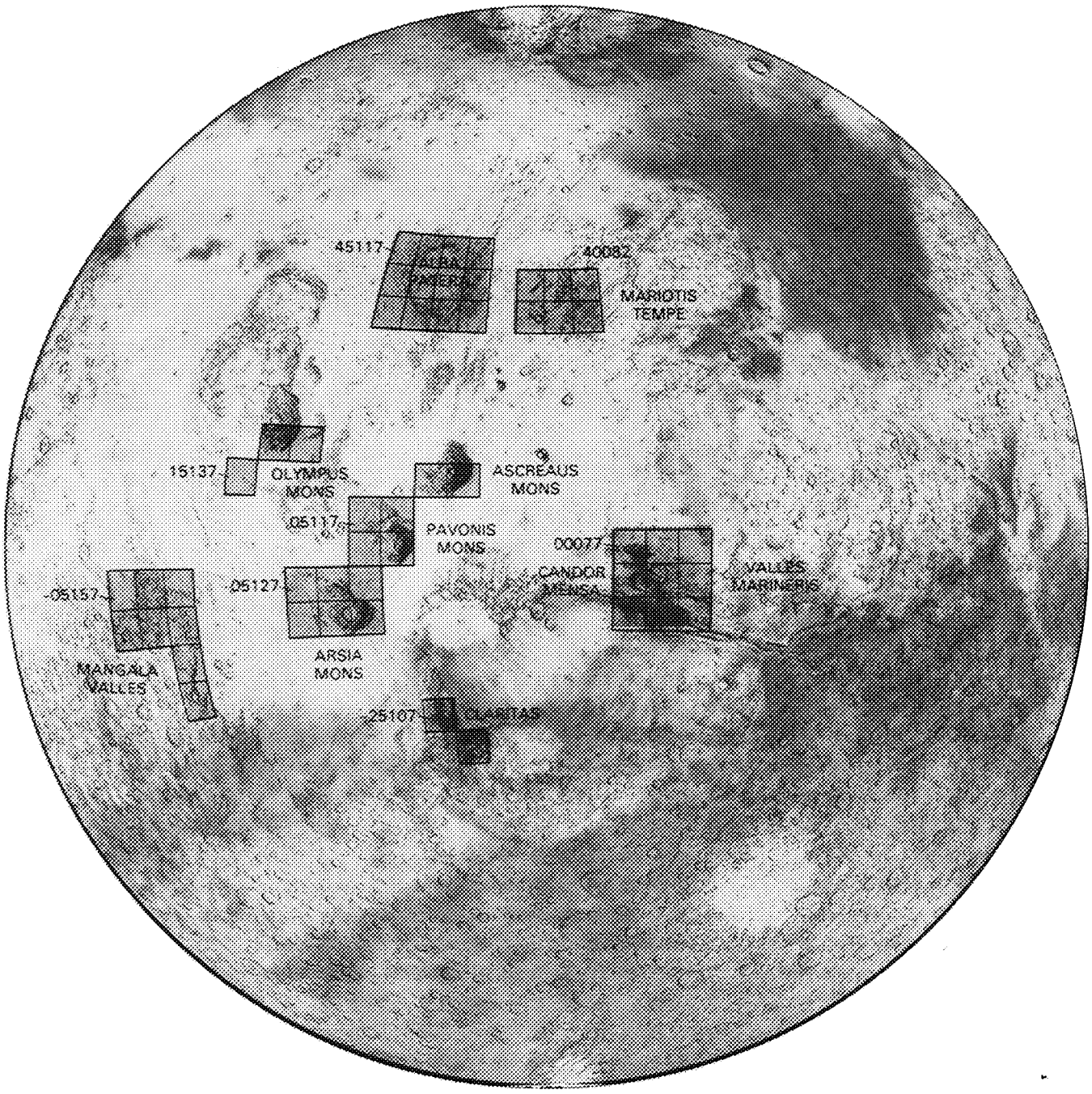



Figure 39. Index map showing the location of 1:500,000-scale sheets of Mars, long 67° to 157°.

## 1:500,000 CONTROLLED PHOTOMOSAICS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 500k | MTM -25107 | CLARITAS FOSSAE REGION | -25 | 107 | CM | 1990 | 2060 |
| 500k | MTM -30102 | CLARITAS FOSSAE REGION | -30 | 102 | CM | 1990 | 2061 |
| 500k | MTM 00112 | PAVONIS MONS REGION | 0 | 112 | CM | 1991 | 2249 |
| 500k | MTM 00117 | PAVONIS MONS REGION | 0 | 117 | CM | 1991 | 2248 |
| 500k | MTM 05112 | PAVONIS MONS REGION | 5 | 112 | CM | 1991 | 2251 |
| 500k | MTM 05117 | PAVONIS MONS REGION | 5 | 117 | CM | 1991 | 2250 |
| 500k | MTM -05117 | ARSIA MONS REGION | - 5 | 117 | CM | 1991 | 2216 |
| 500k | MTM -05122 | ARSIA MONS REGION | - 5 | 122 | CM | 1991 | 2217 |
| 500k | MTM -05127 | ARSIA MONS REGION | - 5 | 127 | CM | 1991 | 2218 |
| 500k | MTM -10117 | ARSIA MONS REGION | -10 | 117 | CM | 1991 | 2221 |
| 500k | MTM -10122 | ARSIA MONS REGION | -10 | 122 | CM | 1991 | 2171 |
| 500k | MTM -10127 | ARSIA MONS REGION | -10 | 127 | CM | 1991 | 2172 |
| 500k | MTM 10137 | OLYMPUS MONS REGION | 10 | 137 | CM | 1991 | 2229 |
| 500k | MTM 15127 | OLYMPUS MONS REGION | 15 | 127 | CM | 1991 | 2228 |
| 500k | MTM 15132 | OLYMPUS MONS REGION | 15 | 132 | CM | 1991 | 2227 |
| 500k | MTM -05147 | MANGALA VALLES REGION | - 5 | 147 | CM | 1985 | 1664 |
| 500k | MTM -05152 | MANGALA VALLES REGION | - 5 | 152 | CM | 1985 | 1665 |
| 500k | MTM -05157 | MANGALA VALLES REGION | - 5 | 157 | CM | 1985 | 1666 |
| 500k | MTM -10147 | MANGALA VALLES REGION | -10 | 147 | CM | 1985 | 1696 |
| 500k | MTM -10152 | MANGALA VALLES REGION | -10 | 152 | CM | 1985 | 1652 |
| 500k | MTM -10157 | MANGALA VALLES REGION | -10 | 157 | CM | 1985 | 1653 |
| 500k | MTM -15147 | MANGALA VALLES REGION | -15 | 147 | CM | 1985 | 1697 |
| 500k | MTM -20147 | MANGALA VALLES REGION | -20 | 147 | CM | 1985 | 1698 |
| 500k | MTM -05182 | APOLLINARIS PATERA REGION | - 5 | 182 | CM | 1986 | 1784 |
| 500k | MTM -05187 | APOLLINARIS PATERA REGION | - 5 | 187 | CM | 1986 | 1785 |
| 500k | MTM -10182 | APOLLINARIS PATERA REGION | -10 | 182 | CM | 1986 | 1782 |
| 500k | MTM -10187 | APOLLINARIS PATERA REGION | -10 | 187 | CM | 1986 | 1783 |
| 500k | MTM -15182 | MA'ADIM VALLIS REGION | -15 | 182 | CM | 1991 | 2256 |
| 500k | MTM -15187 | MA'ADIM VALLIS REGION | -15 | 187 | CM | 1991 | 2257 |
| 500k | MTM -15192 | MA'ADIM VALLIS REGION | -15 | 192 | CM | 1991 | 2258 |
| 500k | MTM -20182 | MA'ADIM VALLIS REGION | -20 | 182 | CM | 1991 | 2259 |
| 500k | MTM -20187 | MA'ADIM VALLIS REGION | -20 | 187 | CM | 1991 | 2260 |
| 500k | MTM -25182 | MA'ADIM VALLIS REGION | -25 | 182 | CM | 1991 | 2261 |
| 500k | MTM 20207 | ELYSIUM MONS REGION | 20 | 207 | CM | 1985 | 1746 |
| 500k | MTM 20212 | ELYSIUM MONS REGION | 20 | 212 | CM | 1985 | 1756 |
| 500k | MTM 20217 | ELYSIUM MONS REGION | 20 | 217 | CM | 1985 | 1748 |
| 500k | MTM 20222 | ELYSIUM MONS REGION | 20 | 222 | CM | 1985 | 1751 |
| 500k | MTM 20227 | ELYSIUM MONS REGION | 20 | 227 | CM | 1985 | 1753 |
| 500k | MTM 25207 | ELYSIUM MONS REGION | 25 | 207 | CM | 1985 | 1747 |
| 500k | MTM 25212 | ELYSIUM MONS REGION | 25 | 212 | CM | 1985 | 1757 |
| 500k | MTM 25217 | ELYSIUM MONS REGION | 25 | 217 | CM | 1985 | 1749 |
| 500k | MTM 25222 | ELYSIUM MONS REGION | 25 | 222 | CM | 1985 | 1752 |
| 500k | MTM 25227 | ELYSIUM MONS REGION | 25 | 227 | CM | 1985 | 1754 |
| 500k | MTM 30207 | ELYSIUM MONS REGION | 30 | 207 | CM | 1986 | 1779 |
| 500k | MTM 30212 | ELYSIUM MONS REGION | 30 | 212 | CM | 1986 | 1780 |
| 500k | MTM 30217 | ELYSIUM MONS REGION | 30 | 217 | CM | 1985 | 1758 |

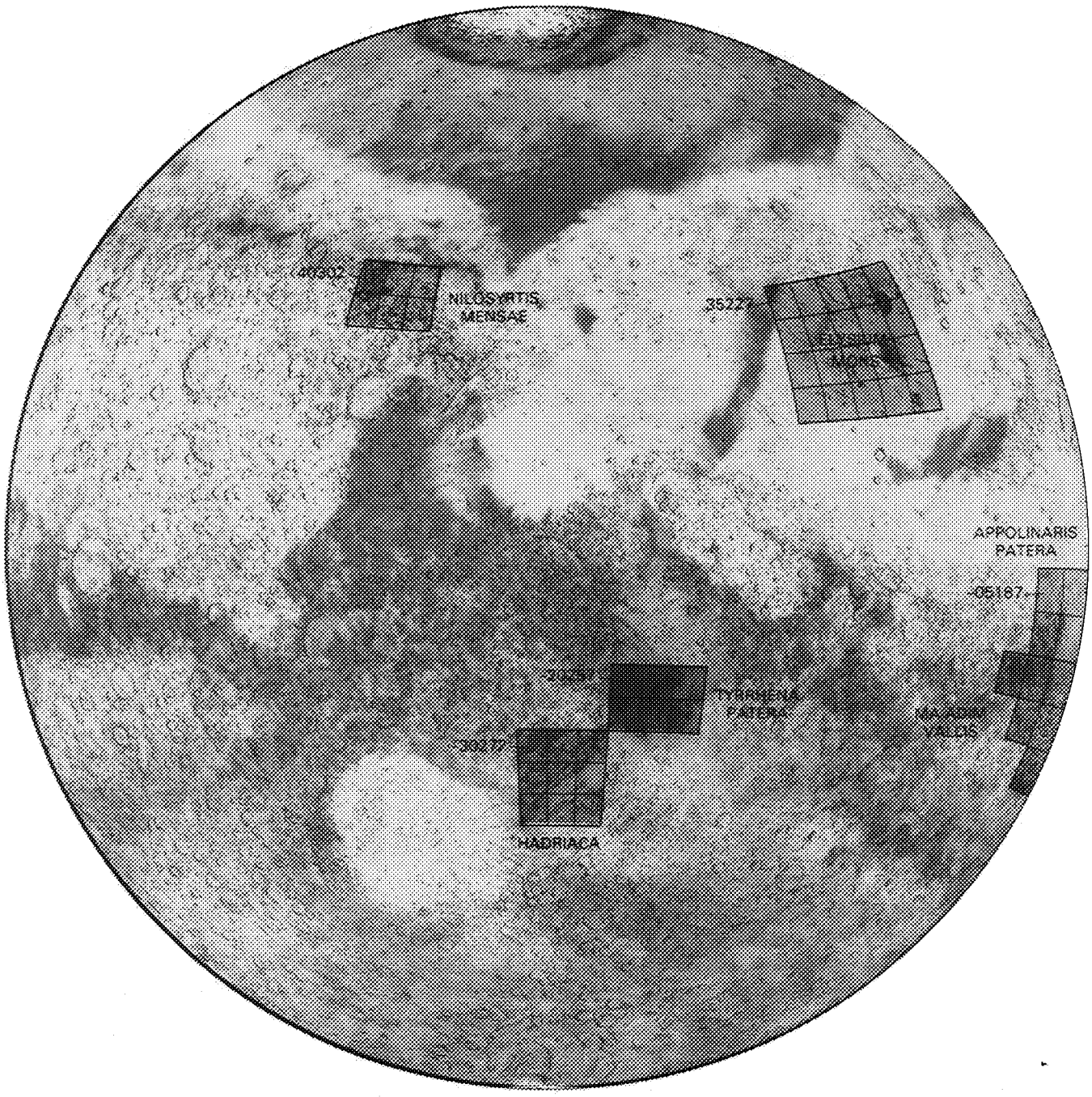



Figure 40. Index map showing the location of 1:500,000-scale sheets of Mars, long 182° to 302°.

## 1:500,000 CONTROLLED PHOTOMOSAICS (continued)

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 500k | MTM 30222 | ELYSIUM MONS REGION | 30 | 222 | CM | 1985 | 1759 |
| 500k | MTM 30227 | ELYSIUM MONS REGION | 30 | 227 | CM | 1986 | 1781 |
| 500k | MTM 35207 | ELYSIUM MONS REGION | 35 | 207 | CM | 1985 | 1770 |
| 500k | MTM 35212 | ELYSIUM MONS REGION | 35 | 212 | CM | 1985 | 1771 |
| 500k | MTM 35217 | ELYSIUM MONS REGION | 35 | 217 | CM | 1985 | 1750 |
| 500k | MTM 35222 | ELYSIUM MONS REGION | 35 | 222 | CM | 1985 | 1772 |
| 500k | MTM 35227 | ELYSIUM MONS REGION | 35 | 227 | CM | 1985 | 1755 |
| 500k | MTM -20247 | TYRRHENA PATERA REGION | -20 | 247 | CM | 1990 | 2065 |
| 500k | MTM -25247 | TYRRHENA PATERA REGION | -25 | 247 | CM | 1990 | 2064 |
| 500k | MTM -20252 | TYRRHENA PATERA REGION | -20 | 252 | CM | 1991 | 2222 |
| 500k | MTM -20257 | TYRRHENA PATERA REGION | -20 | 257 | CM | 1991 | 2223 |
| 500k | MTM -25252 | TYRRHENA PATERA REGION | -25 | 252 | CM | 1990 | 2063 |
| 500k | MTM -25257 | TYRRHENA PATERA REGION | -25 | 257 | CM | 1991 | 2224 |
| 500k | MTM -30262 | HADRIACA REGION | -30 | 262 | CM | 1990 | 2040 |
| 500k | MTM -30267 | HADRIACA REGION | -30 | 267 | CM | 1990 | 2039 |
| 500k | MTM -30272 | HADRIACA REGION | -30 | 272 | CM | 1990 | 2038 |
| 500k | MTM -35262 | HADRIACA REGION | -35 | 262 | CM | 1990 | 2037 |
| 500k | MTM -35267 | HADRIACA REGION | -35 | 267 | CM | 1990 | 2036 |
| 500k | MTM -35272 | HADRIACA REGION | -35 | 272 | CM | 1990 | 2042 |
| 500k | MTM -40262 | HADRIACA REGION | -40 | 262 | CM | 1990 | 2045 |
| 500k | MTM -40267 | HADRIACA REGION | -40 | 267 | CM | 1990 | 2043 |
| 500k | MTM -40272 | HADRIACA REGION | -40 | 272 | CM | 1990 | 2044 |
| 500k | MTM 35292 | NILOSYRTIS MENSAE REGION | 35 | 292 | CM | 1988 | 1911 |
| 500k | MTM 35297 | NILOSYRTIS MENSAE REGION | 35 | 297 | CM | 1988 | 1912 |
| 500k | MTM 35302 | NILOSYRTIS MENSAE REGION | 35 | 302 | CM | 1988 | 1913 |
| 500k | MTM 40292 | NILOSYRTIS MENSAE REGION | 40 | 292 | CM | 1988 | 1914 |
| 500k | MTM 40297 | NILOSYRTIS MENSAE REGION | 40 | 297 | CM | 1988 | 1915 |
| 500k | MTM 40302 | NILOSYRTIS MENSAE REGION | 40 | 302 | CM | 1988 | 1916 |
| 500k | MTM 80030 | CHASMA BOREALE REGION | 80 | 30 | CM | 1986 | 1812 |
| 500k | MTM 80050 | CHASMA BOREALE: 2 SHEETS | 80 | 50 | CM | 1986 | 1836 |
| 500k | MTM 80070 | CHASMA BOREALE: 2 SHEETS | 80 | 70 | CM | 1986 | 1835 |
| 500k | MTM 80090 | CHASMA BOREALE: 2 SHEETS | 80 | 90 | CM | 1986 | 1811 |
| 500k | MTM 85040 | CHASMA BOREALE: 2 SHEETS | 85 | 40 | CM | 1986 | 1834 |
| 500k | MTM 85080 | CHASMA BOREALE: 2 SHEETS | 85 | 80 | CM | 1986 | 1837 |
| 500k | MTM -80050 | PLANUM AUSTRALE REGION | -80 | 50 | CM | 1987 | 1859 |
| 500k | MTM -80070 | PLANUM AUSTRALE REGION | -80 | 70 | CM | 1987 | 1858 |
| 500k | MTM -80090 | PLANUM AUSTRALE REGION | -80 | 90 | CM | 1986 | 1838 |
| 500k | MTM -80250 | PLANUM AUSTRALE REGION | -80 | 250 | CM | 1986 | 1839 |
| 500k | MTM -80270 | PLANUM AUSTRALE REGION | -80 | 270 | CM | 1987 | 1877 |
| 500k | MTM -85040 | PLANUM AUSTRALE REGION | -85 | 40 | CM | 1986 | 1844 |
| 500k | MTM -85080 | PLANUM AUSTRALE REGION | -85 | 80 | CM | 1986 * | 1845 |
| 500k | MTM -85240 | PLANUM AUSTRALE REGION | -85 | 240 | CM | 1987 | 1889 |
| 500k | MTM -85280 | PLANUM AUSTRALE REGION | -85 | 280 | CM | 1986 | 1843 |
| 500k | MTM -90000 | PLANUM AUSTRALE REGION | -90 | 0 | CM | 1988 * | 1917 |
| 500k | MTM -85080 | PLANUM AUSTRALE: REVISED | -85 | 80 | CM | 1991 | 2270 |
| 500k | MTM -90000 | PLANUM AUSTRALE: REVISED | -90 | 0 | CM | 1991 | 2269 |


Figure 41. Index map showing the location of 1:500,000-scale sheets of Mars, north polar region.

Figure 42. Index map showing the location of 1:500,000-scale sheets of Mars, south polar region.

# MARS

## 1:500,000 ORTHOPHOTOMOSAIC

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 500k | TITHONIUM CHASMA: ORTHOPHOTO | - 6 | 85.5 | OMT | 1980 | 1294 |

## 1:250,000 CONTROLLED PHOTOMOSAICS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 250k | CHRYSE HIGH-RES | 20 | 34 | CM | 1976 | 991 |
| 250k | CYDONIA HIGH-RES | 44 | | CM | 1976 | 990 |
| 250k | YORKTOWN HIGH-RES | 22 | 48 | CM | 1977 | 1059 |
| 250k | CANBERRA HIGH-RES | 48 | 226 | CM | 1977 | 1060 |

## SURFACE PANORAMAS

| TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|
| VIKING LANDER 1 PANORAMAS | M | 1982 | 1368-5 |
| VIKING LANDER 1 PANORAMAS | M | 1982 | 1367-5 |
| VIKING LANDER 1 PANORAMAS | M | 1980 | 1243-5 |
| VIKING LANDER 1 PANORAMAS | M | 1982 | 1366-5 |
| VIKING LANDER 2 PANORAMAS | M | 1984 | 1517-5 |
| VIKING LANDER 2 PANORAMAS | M | 1984 | 1516-5 |
| VIKING LANDER 2 PANORAMAS | M | 1984 | 1518-5 |
| VIKING LANDER 2 PANORAMAS | M | 1984 | 1515-5 |

## DIGITAL IMAGE MAPS (available on optical CD-ROM disks)

| | VOL. | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 1/256°/pxl | VOL. 1 | VASTITAS BOREALIS: CD ROM | 90 | --- | CM | 1991 | VO 2001 |
| 1/256°/pxl | VOL. 2 | XANTHE TERRA: CD ROM | 0 | 45 | CM | 1991 | VO 2002 |
| 1/256°/pxl | VOL. 3 | AMAZONIS PLANITIA: CD ROM | 0 | 135 | CM | 1991 | VO 2003 |
| 1/256°/pxl | VOL. 4 | ELYSIUM PLANITIA: CD ROM | 0 | 225 | CM | 1991 | VO 2004 |
| 1/256°/pxl | VOL. 5 | ARABIA TERRA: CD ROM | 0 | 315 | CM | 1991 | VO 2005 |
| 1/256°/pxl | VOL. 6 | PLANUM AUSTRALE: CD ROM | -90 | --- | CM | 1991 | VO 2006 |
| 1/64°/pxl | VOL. 7 | DIGITAL TOPOGRAPHIC MODEL: CD | | | CM | 1991 | VO 2007 |

# 6.0 JOVIAN SATELLITES

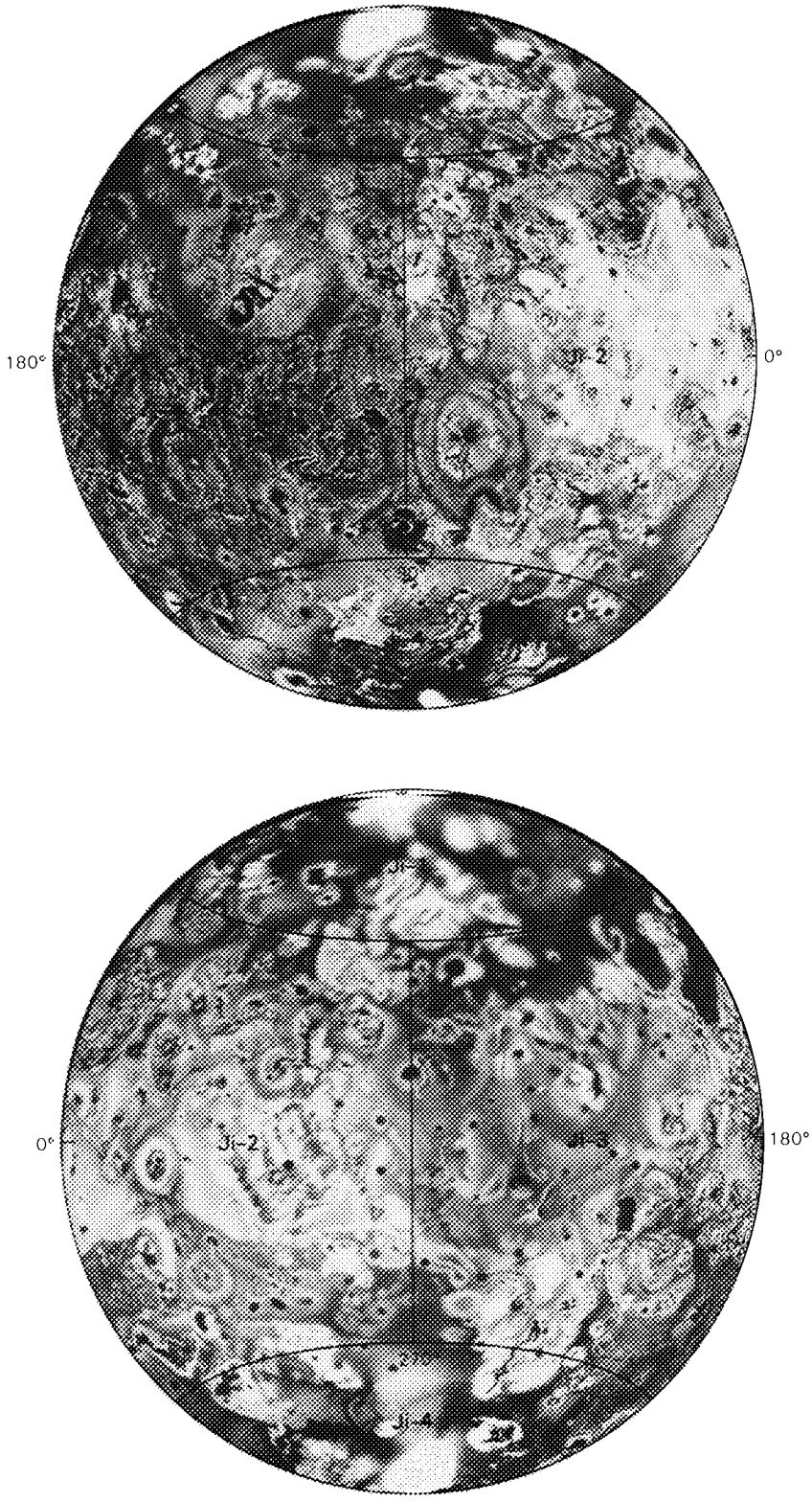



Figure 43. Index maps showing the boundaries of 1:5,000,000-scale sheets of Io.

# JOVIAN SATELLITES: IO

## GLOBAL MAPS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 25M | GLOBAL: TOPO | 1RM | 1979 | 1240 |
| 15M | GLOBAL: TOPO | 1AN | 1987 | 1713-1/3 |
| 15M | GLOBAL: RELIEF | 1R | 1987 | 1713-2/3 |
| 15M | GLOBAL: COLOR MOSAIC | CMK | 1987 | 1713-3/3 |

## 1:5,000,000 SHADED RELIEF/ALBEDO MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | Ji- 2 | RUWA PATERA | 0 | 0 | A | 1984 | 1491-2/2 |
| 5M | Ji- 3 | COLCHIS | 0 | 180 | A | 1984 | 1550-2/2 |
| 5M | Ji- 4 | LERNA | -90 | 0 | A | 1984 | 1549-2/2 |
| 5M | Ji- 2 | RUWA PATERA: TOPO | 0 | 0 | AN | 1984 | 1491-1/2 |
| 5M | Ji- 3 | COLCHIS: TOPO | 0 | 180 | AN | 1984 | 1550-1/2 |
| 5M | Ji- 4 | LERNA: TOPO | -90 | 0 | AN | 1984 | 1549-1/2 |

## 1:5,000,000 & 1:2,000,000 GEOLOGIC MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | Ji- 2 | RUWA PATERA: GEOLOGY | 0 | 0 | G | 1989 | 1980 |
| 5M | Ji- 4 | LERNA: GEOLOGY | -90 | 0 | G | 1991 | 2055 |
| 2M | | RA PATERA: GEOLOGY | - 8 | 315 | G | 1988 | 1949 |

## 1:2,000,000 & 1:1,000,000 CONTROLLED PHOTOMOSAICS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 2M | KANE PATERA: MOSAIC | -32 | 8 | CM | 1983 | 1494 |
| 2M | RA PATERA: MOSAIC | - 8 | 315 | CM | 1983 | 1494 |
| 1M | MAASAW PATERA: MOSAIC | -42 | 342 | CM | 1983* | 1494 |
| 1M | MAASAW PATERA: MOSAIC | -42 | 342 | CM | 1987 | 1851 |

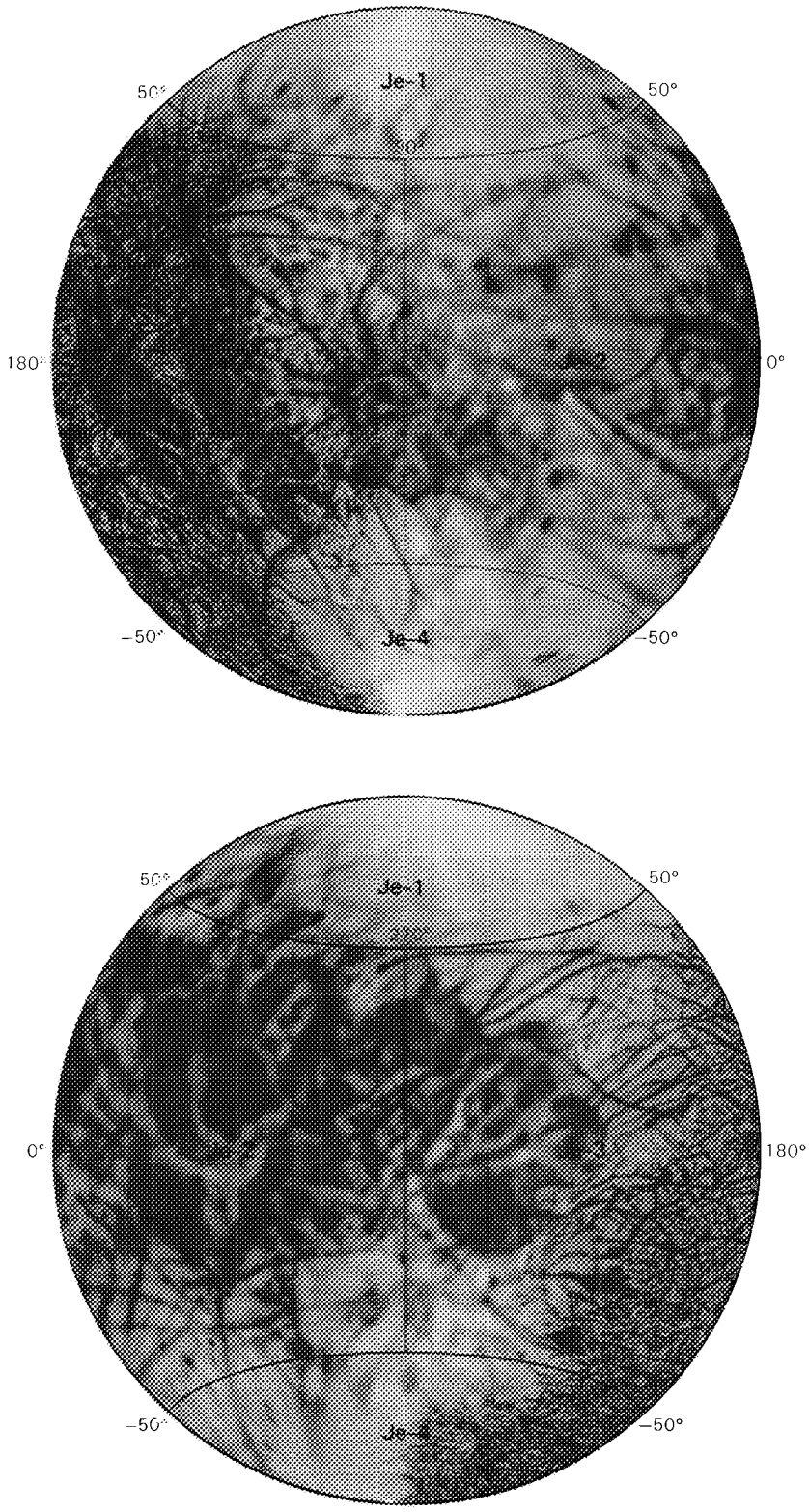



Figure 44. Index maps showing the boundaries of 1:5,000,000-scale sheets of Europa.

# JOVIAN SATELLITES: EUROPA

## GLOBAL MAP

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 25M | GLOBAL: TOPO | 1RM | 1979 | 1241 |

## 1:5,000,000 SHADED RELIEF/ALBEDO MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | Je- 3 | PELORUS LINEA: TOPO | 0 | 180 | AN | 1984 | 1493 |
| 5M | Je- 4 | SIDON FLEXUS: TOPO | -90 | 0 | AN | 1984 | 1499 |

## 1:5,000,000 CONTROLLED PHOTOMOSAICS

| SCALE | | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | Je- 3 | PELORUS LINEA: 2 MOSAICS | 0 | 180 | CM | 1985 | 1761-2 |
| 5M | Je- 4 | SIDON FLEXUS: 2 MOSAICS | -90 | 0 | CM | 1985 | 1760-2 |

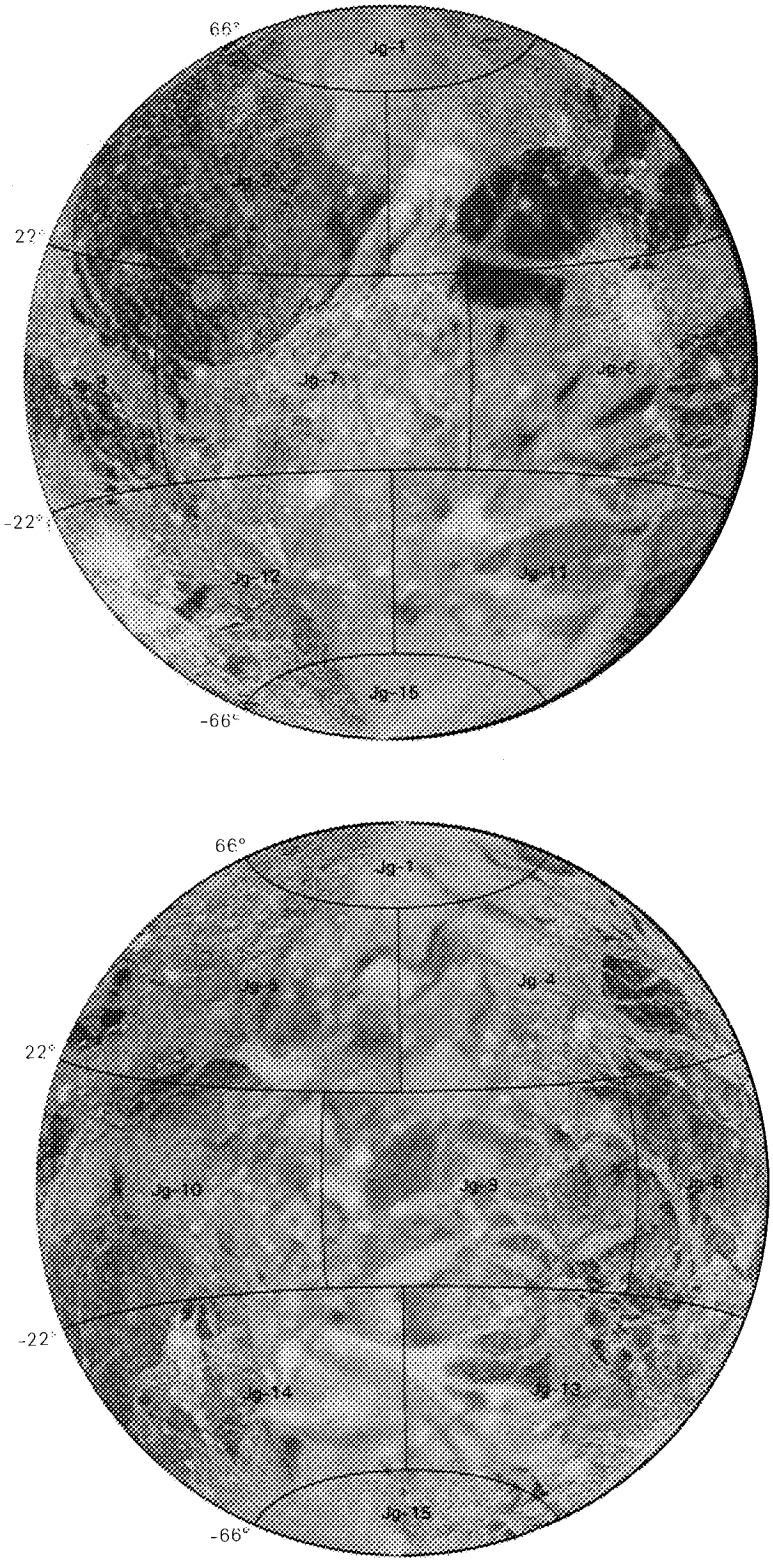



Figure 45. Index maps showing the boundaries of 1:5,000,000-scale sheets of Ganymede.

# JOVIAN SATELLITES: GANYMEDE

## GLOBAL MAPS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 25M | GLOBAL: TOPO | 1RM | 1979 | 1242 |
| 15M | GLOBAL: TOPO | AN | 1991 | 2034 |

## 1:5,000,000 SHADED RELIEF/ALBEDO MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | Jg- 1 | ETANA | 90 | 0 | A | 1987 | 1810-2/2 |
| 5M | Jg- 2 | PERRINE REGIO | 44 | 45 | A | 1988 | 1890-2/2 |
| 5M | Jg- 3 | GALILEO REGIO | 44 | 135 | A | 1984 | 1649-2/2 |
| 5M | Jg- 4 | PHILUS SULCUS | 44 | 225 | A | 1985 | 1565-2/2 |
| 5M | Jg- 5 | NUN SULCI | 44 | 315 | A | 1987 | 1818-2/2 |
| 5M | Jg- 6 | DARDANUS SULCUS | 0 | 36 | A | 1987 | 1808-2/2 |
| 5M | Jg- 7 | MEMPHIS FACULA | 0 | 108 | A | 1984 | 1498-2/2 |
| 5M | Jg- 8 | URUK SULCUS | 0 | 180 | A | 1984 | 1536-2/2 |
| 5M | Jg- 9 | TIAMAT SULCUS | 0 | 252 | A | 1984 | 1548-2/2 |
| 5M | Jg-10 | MISHARU | 0 | 324 | A | 1984 | 1650-2/2 |
| 5M | Jg-11 | NABU | -44 | 45 | A | 1987 | 1816-2/2 |
| 5M | Jg-12 | OSIRUS | -44 | 135 | A | 1987 | 1769-2/2 |
| 5M | Jg-13 | APSU SULCI | -44 | 225 | A | 1987 | 1817-2/2 |
| 5M | Jg-14 | NAMTAR | -44 | 315 | A | 1988 | 1871-2/2 |
| 5M | Jg-15 | HATHOR | -90 | 0 | A | 1987 | 1860-2/2 |
| 5M | Jg- 1 | ETANA: TOPO | 90 | 0 | AN | 1987 | 1810-1/2 |
| 5M | Jg- 2 | PERRINE REGIO: TOPO | 44 | 45 | AN | 1988 | 1890-1/2 |
| 5M | Jg- 3 | GALILEO REGIO: TOPO | 44 | 135 | AN | 1984 | 1649-1/2 |
| 5M | Jg- 4 | PHILUS SULCUS: TOPO | 44 | 225 | AN | 1985 | 1565-1/2 |
| 5M | Jg- 5 | NUN SULCI: TOPO | 44 | 315 | AN | 1987 | 1818-1/2 |
| 5M | Jg- 6 | DARDANUS SULCUS: TOPO | 0 | 36 | AN | 1987 | 1808-1/2 |
| 5M | Jg- 7 | MEMPHIS FACULA: TOPO | 0 | 108 | AN | 1984 | 1498-1/2 |
| 5M | Jg- 8 | URUK SULCUS: TOPO | 0 | 180 | AN | 1984 | 1536-1/2 |
| 5M | Jg- 9 | TIAMAT SULCUS: TOPO | 0 | 252 | AN | 1984 | 1548-1/2 |
| 5M | Jg-10 | MISHARU: TOPO | 0 | 324 | AN | 1984 | 1650-1/2 |
| 5M | Jg-11 | NABU: TOPO | -44 | 45 | AN | 1987 | 1816-1/2 |
| 5M | Jg-12 | OSIRUS: TOPO | -44 | 135 | AN | 1987 | 1769-1/2 |
| 5M | Jg-13 | APSU SULCI: TOPO | -44 | 225 | AN | 1987 | 1817-1/2 |
| 5M | Jg-14 | NAMTAR:TOPO | -44 | 315 | AN | 1988 | 1871-1/2 |
| 5M | Jg-15 | HATHOR: TOPO | -90 | 0 | AN | 1987 | 1860-1/2 |

## 1:5,000,000 GEOLOGIC MAPS

| SCALE | | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | Jg- 4 | PHILUS SULCUS: GEOLOGY | 44 | 225 | G | 1989 | 1966 |
| 5M | Jg- 8 | URUK SULCUS: GEOLOGY | 0 | 180 | G | 1988 | 1934 |

# JOVIAN SATELLITES: CALLISTO

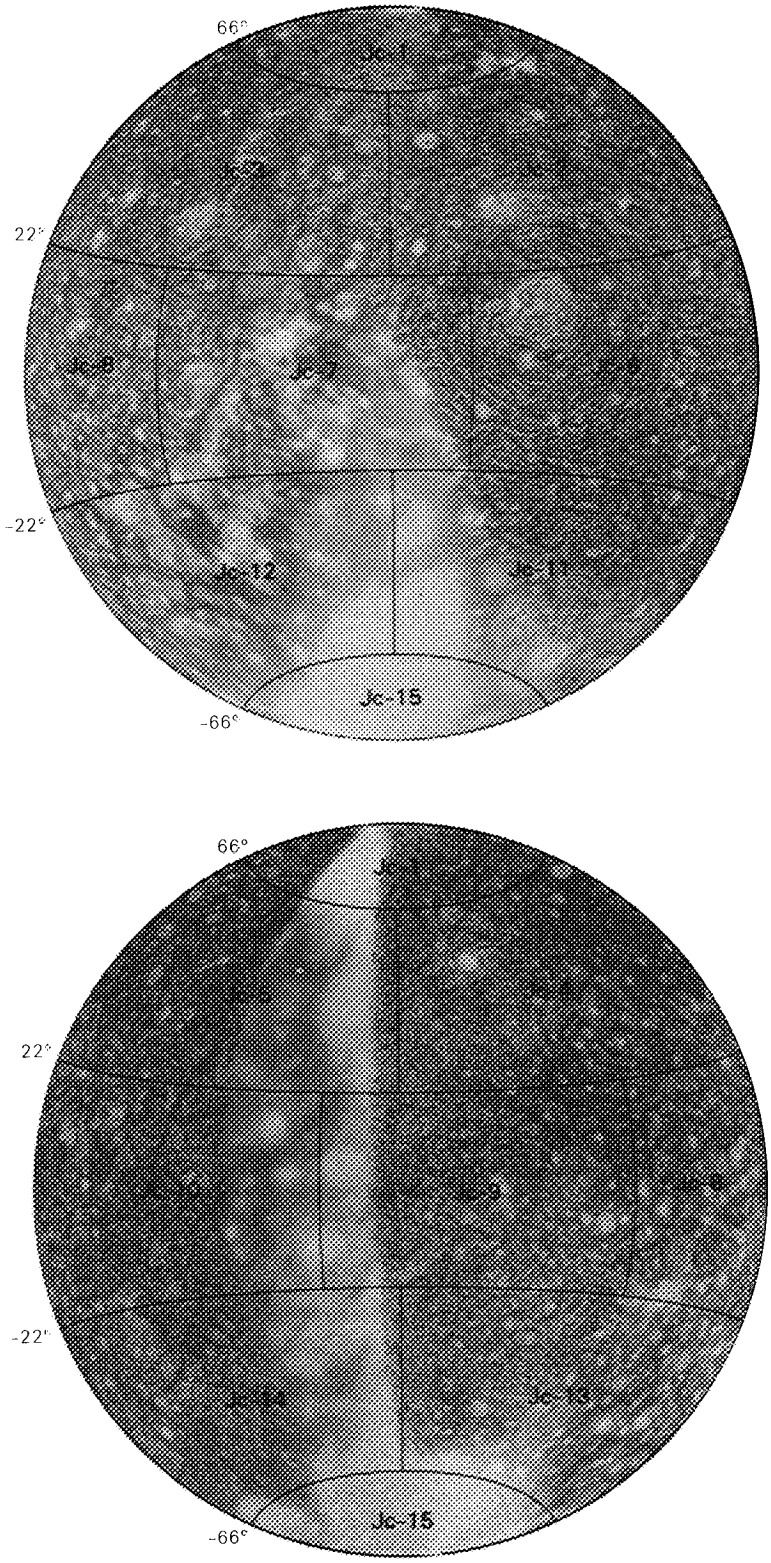



Figure 46. Index maps showing the location of 1:5,000,000-scale sheets of Callisto.

# JOVIAN SATELLITES: CALLISTO

## GLOBAL MAPS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 25M | GLOBAL: TOPO | 1RM | 1979 | 1239 |
| 15M | GLOBAL: TOPO | CM | 1990 | 2035 |

## 1:5,000,000 CONTROLLED PHOTOMOSAICS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | Jc- 1 | GIPUL CATENA REGION: MOS | 90 | 0 | CM | 1990 | 2070 |
| 5M | Jc- 2 | VESTRI: MOSAIC | 44 | 45 | CM | 1990 | 2069 |
| 5M | Jc- 3 | ASGARD: MOSAIC | 44 | 135 | CM | 1990 | 1888 |
| 5M | Jc- 4 | GLOI: MOSAIC | 44 | 225 | CM | 1990 | 2068 |
| 5M | Jc- 5 | ASKR: MOSAIC | 44 | 315 | CM | 1990 | 2067 |
| 5M | Jc- 6 | VALHALLA: MOSAIC | 0 | 36 | CM | 1990 | 1887 |
| 5M | Jc- 7 | NJORD: MOSAIC | 0 | 108 | CM | 1990 | 2076 |
| 5M | Jc- 8 | VIDARR: MOSAIC | 0 | 180 | CM | 1990 | 2075 |
| 5M | Jc- 9 | VALFODR: MOSAIC | 0 | 252 | CM | 1990 | 2074 |
| 5M | Jc-10 | VALI: MOSAIC | 0 | 324 | CM | 1990 | 2073 |
| 5M | Jc-11 | ADLINDA: MOSAIC | -44 | 45 | CM | 1990 | 2072 |
| 5M | Jc-12 | ILMA: MOSAIC | -44 | 135 | CM | 1990 | 2071 |
| 5M | Jc-13 | HOENIR: MOSAIC | -44 | 225 | CM | 1990 | 2066 |
| 5M | Jc-14 | LEMPO: MOSAIC | -44 | 315 | CM | 1990 | 2062 |

# JOVIAN SATELLITES: CALLISTO

# 7.0 SATURNIAN SATELLITES

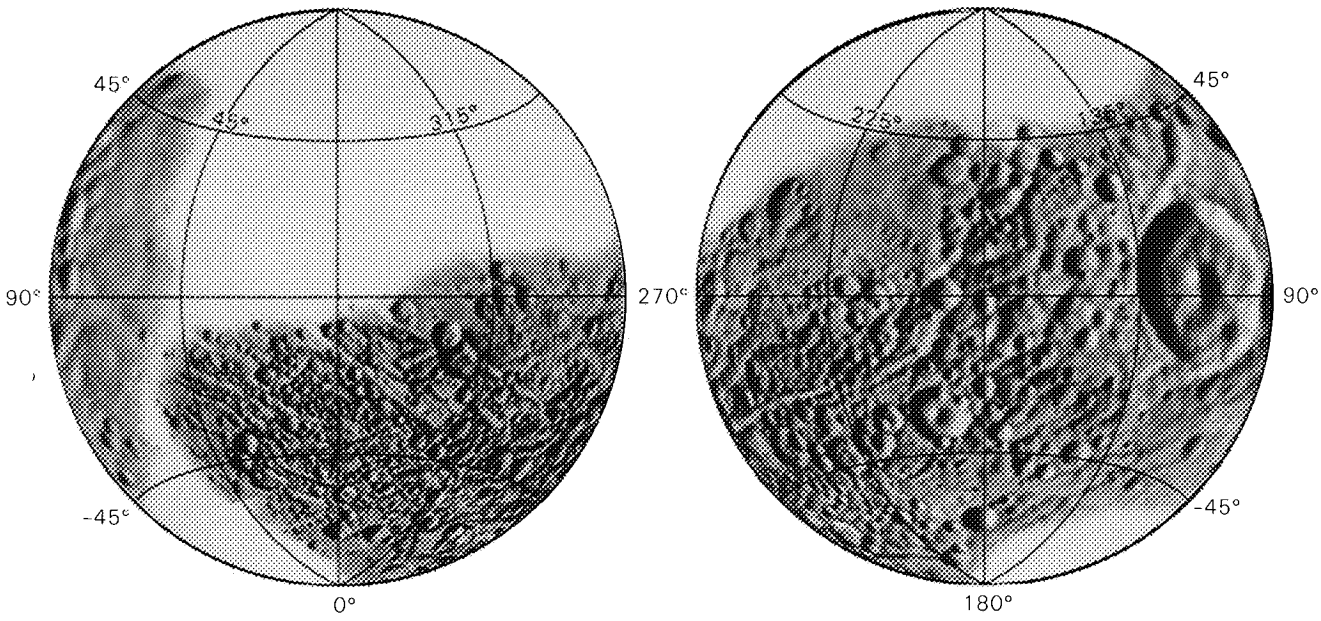



Figure 47. Index maps showing the distribution of imaged features on global maps of Mimas.

## GLOBAL MAPS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 5M | GLOBAL | 1AN | 1981 * | 1391 |
| 5M | GLOBAL | 2AN | 1982 | 1489 |
| 2M | GLOBAL | 3AN | 1991 | 2155 |

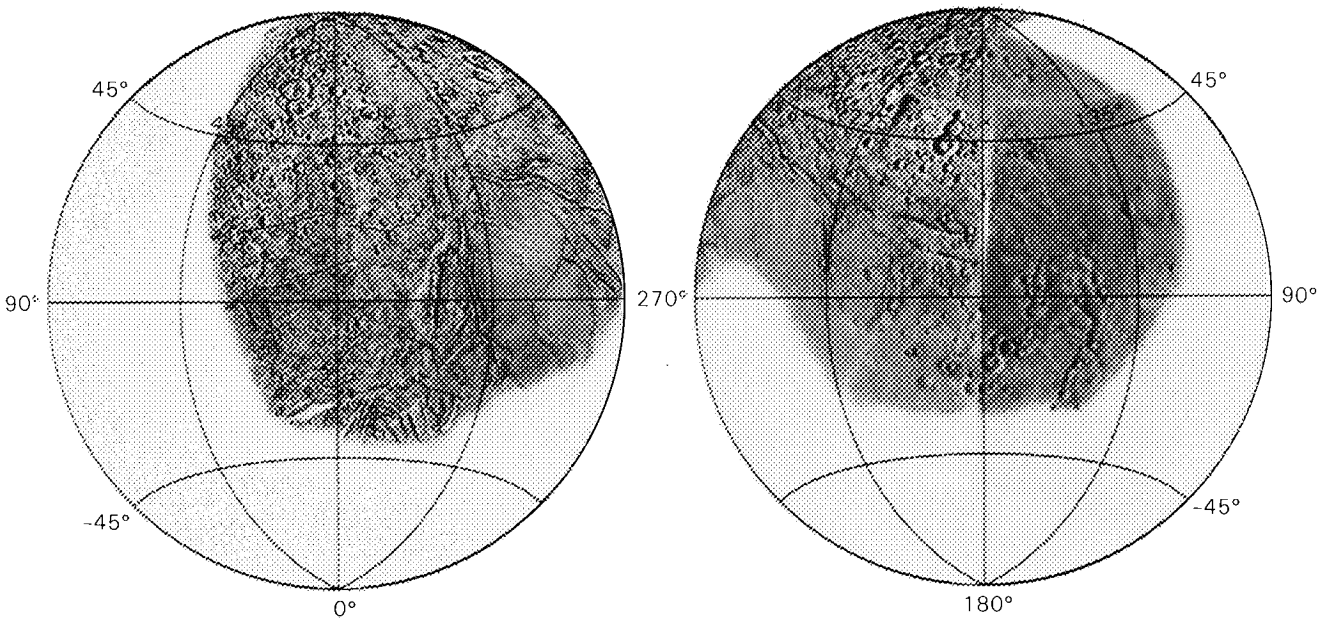



Figure 48. Index maps showing the distribution of imaged features on global maps of Enceladus.

## GLOBAL MAPS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 5M | GLOBAL: TOPO | 1AN | 1981 | 1485 |
| 2M | GLOBAL: MOSAIC | AN | 1991 | 2156-1/2 |
| 2M | GLOBAL: TOPO | CM | 1991 | 2156-2/2 |

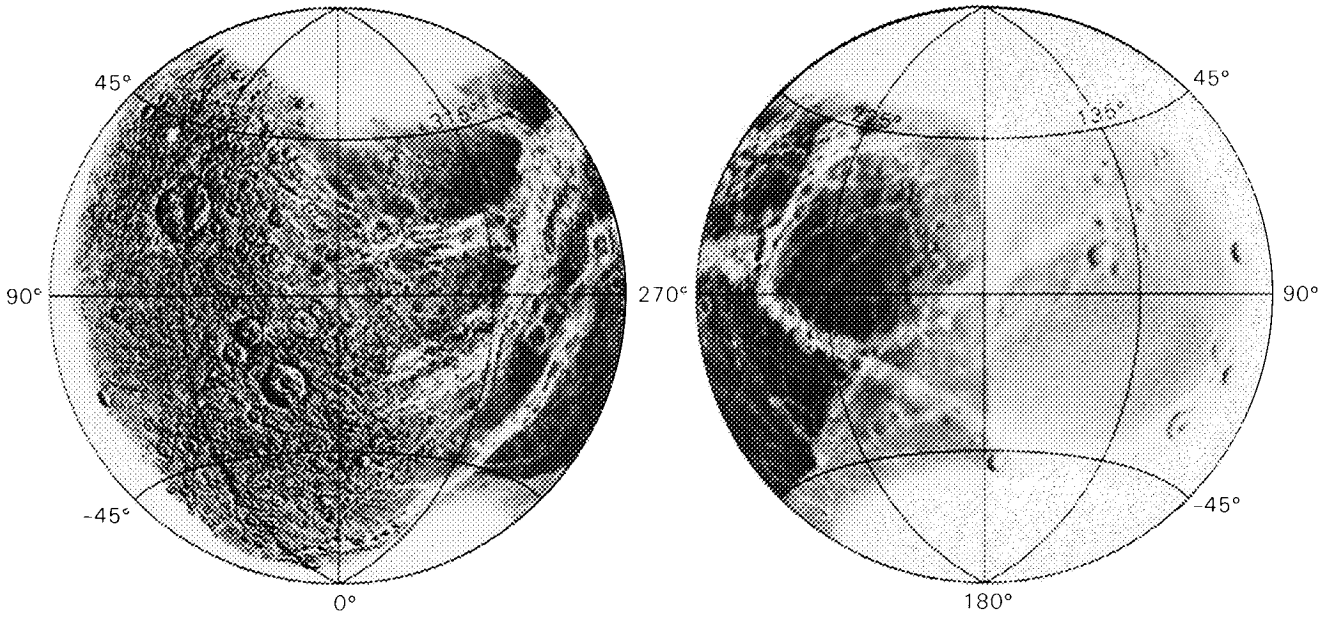



Figure 49. Index maps showing the distribution of imaged features on global maps of Dione.

## GLOBAL MAPS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 10M | GLOBAL: TOPO 1st ed. | 1AN | 1981* | 1389 |
| 10M | GLOBAL: TOPO 2nd ed. | 2AN | 1982 | 1488 |
| 5M | GLOBAL: TOPO | AN | 1991 | 2158-1/2 |
| 5M | GLOBAL: MOSAIC | CM | 1991 | 2158-2/2 |

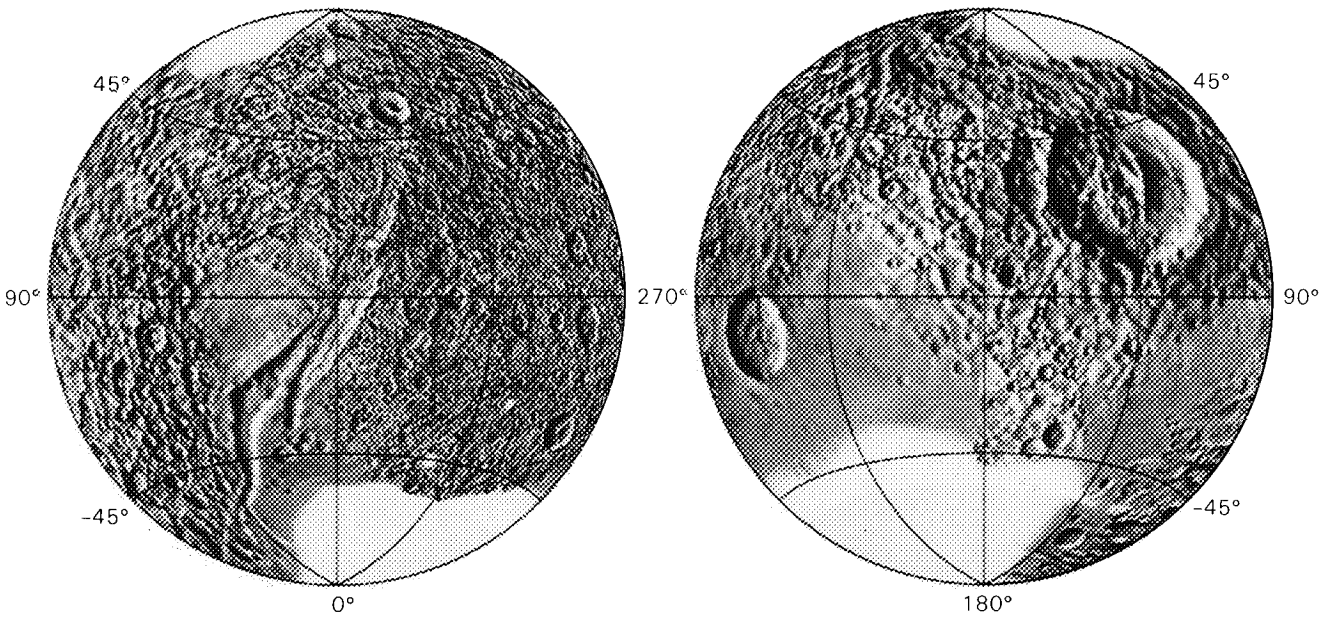



Figure 50. Index maps showing the distribution of imaged features on global maps of Tethys.

## GLOBAL MAPS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 10M | GLOBAL: TOPO 1st ed. | 1AN | 1981 * | 1390 |
| 10M | GLOBAL: TOPO 2nd ed. | 2AN | 1982 | 1487 |
| 5M | GLOBAL: TOPO | AN | 1991 | 2157-1/2 |
| 5M | GLOBAL: MOSAIC | CM | 1991 | 2157-2/2 |

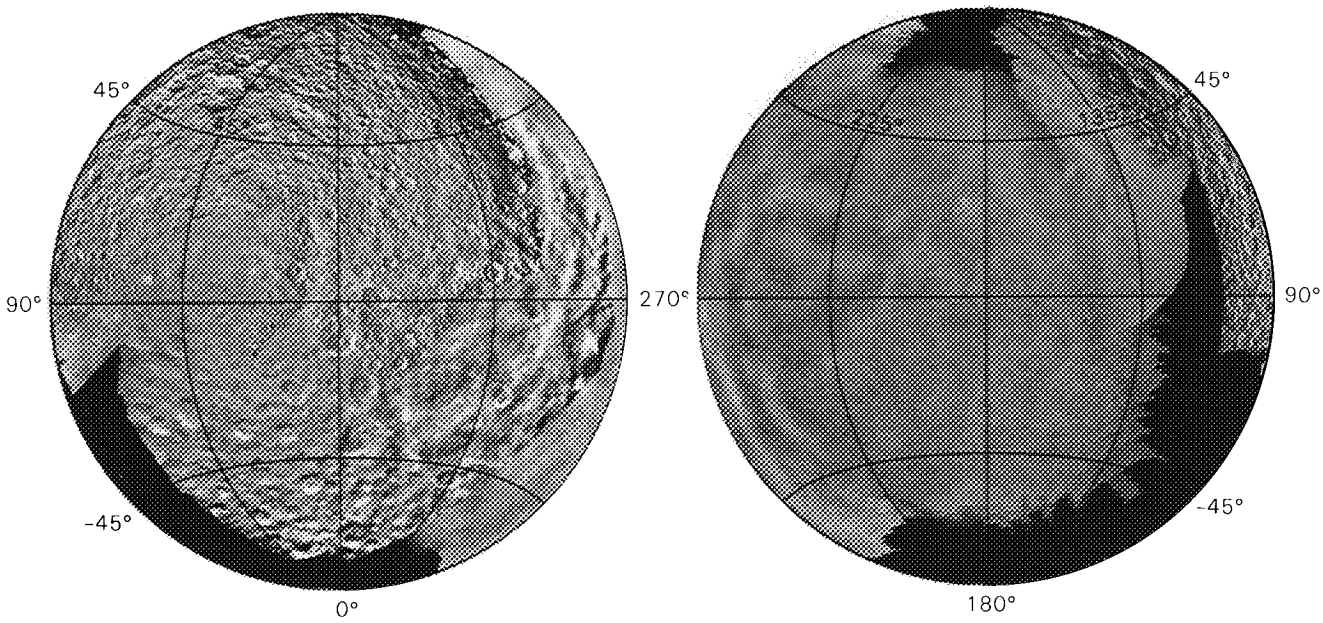



Figure 51. Index maps showing the distribution of imaged features on global maps of Rhea.

## GLOBAL MAPS

| SCALE | TITLE/REGION | | | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 10M | GLOBAL: TOPO 1st ed. | --- | --- | 1AN | 1981 * | 1388 |
| 10M | GLOBAL: TOPO 2nd ed. | --- | --- | 2AN | 1982 | 1484 |
| 5M | GLOBAL: MOSAIC | --- | --- | CM | 1988 | 1921-1/2 |

## GLOBAL MAPS: LAMBERT AZIMUTHAL EQUAL-AREA PROJECTION

| SCALE | TITLE/REGION | LONGITUDES | LATITUDES | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 10M | 6 MOSAICS: | 0°, 90°, 180°, 270°, POLES | 0/90/-90 | CM | 1988 | 1921-2/2 |

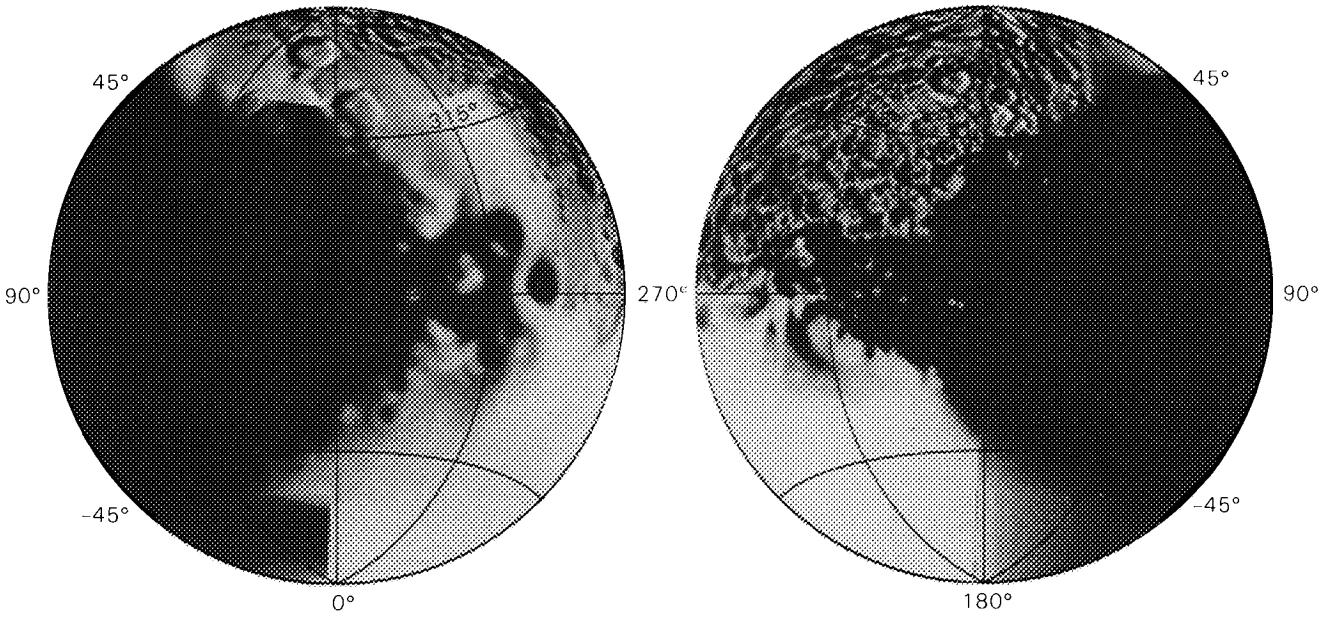



Figure 52. Index maps showing the distribution of imaged features on global maps of Iapetus.

## GLOBAL MAPS

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 10M | GLOBAL: TOPO | 1AN | 1982 * | 1486 |
| 10M | GLOBAL: TOPO | 2AN | 1991 | 2159-1/2 |
| 10M | GLOBAL: MOSAIC | CM | 1991 | 2159-2/2 |

# SATURNIAN SATELLITES

# 8.0 URANIAN SATELLITES

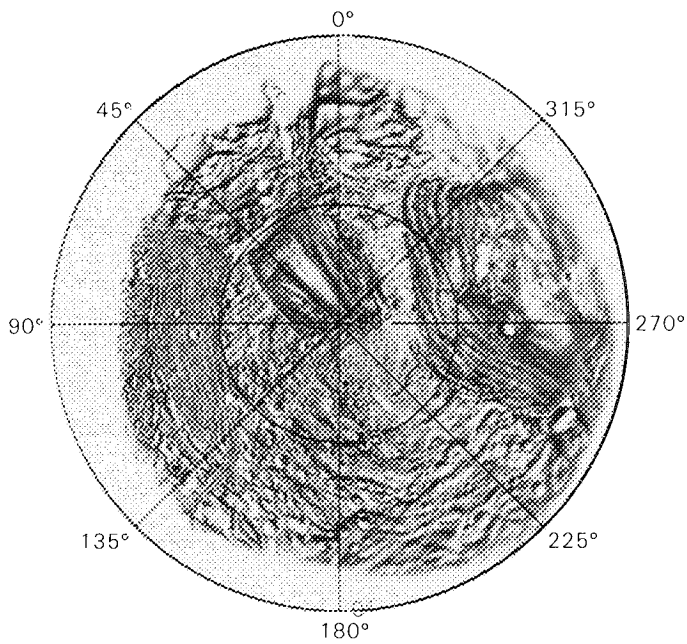



Figure 53. Index map of the southern hemisphere of Miranda showing the distribution of imaged features.

## 1:2,000,000 MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 2M | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-1/3 |
| 2M | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-1/3 |

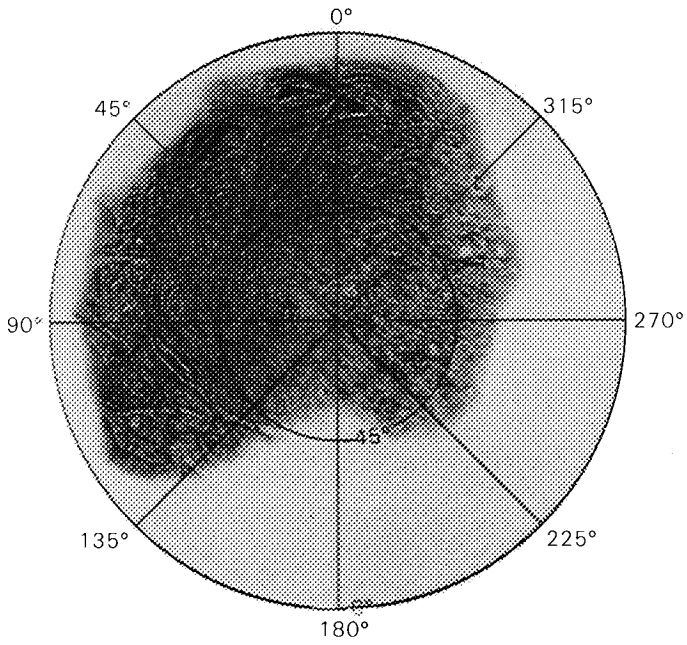



Figure 54. Index map of the southern hemisphere of Ariel showing the distribution of imaged features.

## 1:10,000,000 MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 10M | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-2/3 |
| 10M | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-2/3 |

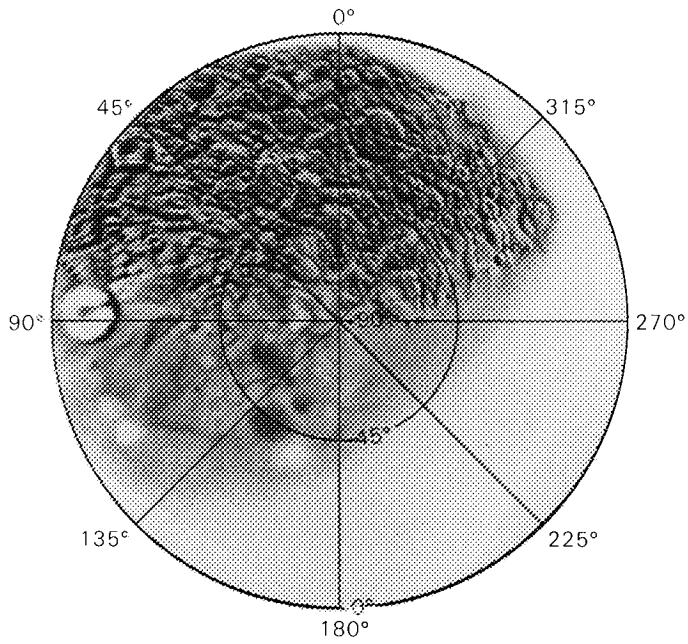



Figure 55. Index map of the southern hemisphere of Umbriel showing the distribution of imaged features.

### 1:10,000,000 MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 10M | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| 10M | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-3/3 |

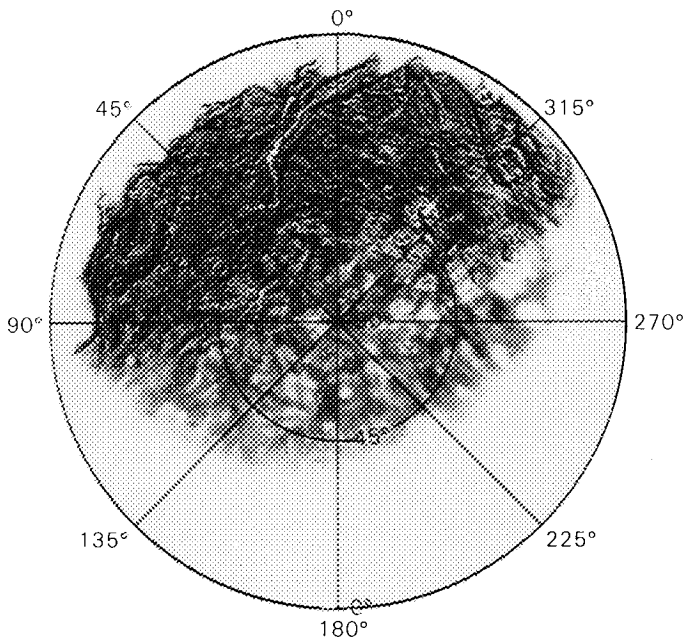



Figure 56. Index map of the southern hemisphere of Titania showing the distribution of imaged features.

## 1:10,000,000 MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 10M | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| 10M | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-3/3 |

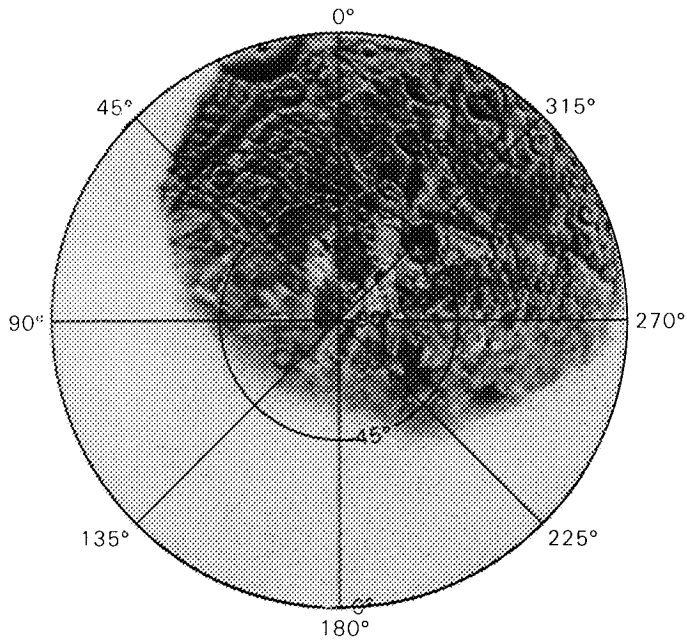



Figure 57. Index map of the southern hemisphere of Oberon showing the distribution of imaged features.

## 1:10,000,000 MAPS

| SCALE | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|
| 10M | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| 10M | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-3/3 |

# 9.0 NEPTUNIAN SATELLITES

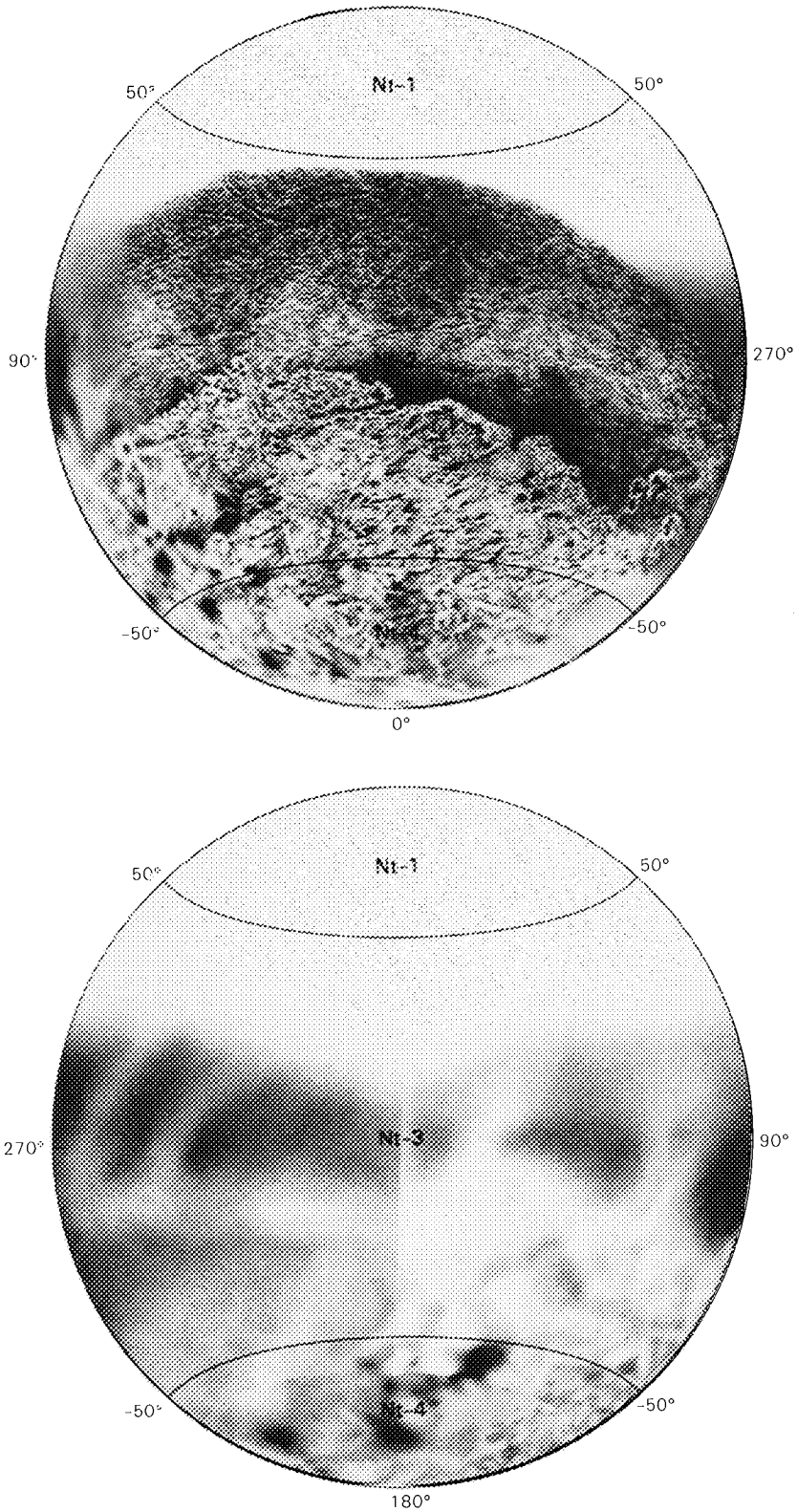



Figure 58. Index maps showing the boundaries of 1:5,000,000-scale sheets of Triton.

# NEPTUNIAN SATELLITES: TRITON

## GLOBAL MAP

| SCALE | TITLE/REGION | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|
| 15M | GLOBAL: TOPO | AN | 1991 | 2154 |

## 1:5,000,000 MAPS

| SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|
| 5M | Nt- 2 | SIDR LINEA: TOPO | - 8 | 8 | AN | 1991 | 2153 |
| 5M | Nt- 2 | SIDR LINEA: COLOR MOSAIC | - 8 | 8 | CMK | 1991 | 2275 |

# NEPTUNIAN SATELLITES: TRITON

# 10.0 APPENDIX I: GENERAL LIST OF ALL MAPS

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| ARIEL | 5M | | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-2/3 |
| ARIEL | 5M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-2/3 |
| CALLISTO | 25M | | GLOBAL: TOPO | 0 | 0 | 1RM | 1979 | 1239 |
| CALLISTO | 15M | | GLOBAL: MOSAIC | 0 | 0 | CM | 1990 | 2035 |
| CALLISTO | 5M | Jc-1 | GIPUL CATENA REGION: MOSAIC | 90 | 0 | CM | 1990 | 2070 |
| CALLISTO | 5M | Jc-2 | VESTRI: MOSAIC | 44 | 45 | CM | 1990 | 2069 |
| CALLISTO | 5M | Jc-3 | ASGARD: MOSAIC | 44 | 135 | CM | 1990 | 1888 |
| CALLISTO | 5M | Jc-4 | GLOI: MOSAIC | 44 | 225 | CM | 1990 | 2068 |
| CALLISTO | 5M | Jc-5 | ASKR: MOSAIC | 44 | 315 | CM | 1990 | 2067 |
| CALLISTO | 5M | Jc-6 | VALHALLA: MOSAIC | 0 | 36 | CM | 1990 | 1887 |
| CALLISTO | 5M | Jc-7 | NJORD: MOSAIC | 0 | 108 | CM | 1990 | 2076 |
| CALLISTO | 5M | Jc-8 | VIDARR: MOSAIC | 0 | 180 | CM | 1990 | 2075 |
| CALLISTO | 5M | Jc-9 | VALFODR: MOSAIC | 0 | 252 | CM | 1990 | 2074 |
| CALLISTO | 5M | Jc-10 | VALI: MOSAIC | 0 | 324 | CM | 1990 | 2073 |
| CALLISTO | 5M | Jc-11 | ADLINDA: MOSAIC | -44 | 45 | CM | 1990 | 2072 |
| CALLISTO | 5M | Jc-12 | ILMA: MOSAIC | -44 | 135 | CM | 1990 | 2071 |
| CALLISTO | 5M | Jc-13 | HOENIR: MOSAIC | -44 | 225 | CM | 1990 | 2066 |
| CALLISTO | 5M | Jc-14 | LEMPO: MOSAIC | -44 | 315 | CM | 1990 | 2062 |
| DIONE | 10M | | GLOBAL: TOPO 1st ed. | 0 | 0 | 1AN | 1981* | 1389 |
| DIONE | 10M | | GLOBAL: TOPO 2nd ed. | 0 | 0 | 2AN | 1982 | 1488 |
| DIONE | 5M | | GLOBAL: MOSAIC | 0 | 0 | CM | 1991 | 2158-2/2 |
| DIONE | 5M | | GLOBAL: TOPO | 0 | 0 | AN | 1991 | 2158-1/2 |
| ENCELADUS | 5M | | GLOBAL: TOPO | 0 | 0 | 1AN | 1981 | 1485 |
| ENCELADUS | 2M | | GLOBAL: MOSAIC | 0 | 0 | AN | 1991 | 2156-1/2 |
| ENCELADUS | 2M | | GLOBAL: TOPO | 0 | 0 | CM | 1991 | 2156-2/2 |
| EUROPA | 25M | | GLOBAL: TOPO | 0 | 0 | 1RM | 1979 | 1241 |
| EUROPA | 5M | Je-3 | PELORUS LINEA: 2 MOSAICS | 0 | 180 | CM | 1985 | 1761-2 |
| EUROPA | 5M | Je-3 | PELORUS LINEA: TOPO | 0 | 180 | AN | 1984 | 1493 |
| EUROPA | 5M | Je-4 | SIDON FLEXUS: 2 MOSAICS | -90 | 0 | CM | 1985 | 1760-2 |
| EUROPA | 5M | Je-4 | SIDON FLEXUS: TOPO | -90 | 0 | AN | 1984 | 1499 |
| GANYMEDE | 25M | | GLOBAL: TOPO | | | 1RM | 1979 | 1242 |
| GANYMEDE | 15M | | GLOBAL: TOPO | 0 | 0 | AN | 1991 | 2034 |
| GANYMEDE | 5M | Jg-1 | ETANA | 90 | 0 | A | 1987 | 1810-2/2 |
| GANYMEDE | 5M | Jg-1 | ETANA: TOPO | 90 | 0 | AN | 1987 | 1810-1/2 |
| GANYMEDE | 5M | Jg-2 | PERRINE REGIO | 44 | 45 | A | 1988 | 1890-2/2 |
| GANYMEDE | 5M | Jg-2 | PERRINE REGIO: TOPO | 44 | 45 | AN | 1988 | 1890-1/2 |
| GANYMEDE | 5M | Jg-3 | GALILEO REGIO | 44 | 135 | A | 1984 | 1649-2/2 |
| GANYMEDE | 5M | Jg-3 | GALILEO REGIO: TOPO | 44 | 135 | AN | 1984 | 1649-1/2 |
| GANYMEDE | 5M | Jg-4 | PHILUS SULCUS | 44 | 225 | A | 1985 | 1565-2/2 |
| GANYMEDE | 5M | Jg-4 | PHILUS SULCUS: GEOLOGY | 44 | 225 | G | 1989 | 1966 |
| GANYMEDE | 5M | Jg-4 | PHILUS SULCUS: TOPO | 44 | 225 | AN | 1985 | 1565-1/2 |
| GANYMEDE | 5M | Jg-5 | NUN SULCI | 44 | 315 | A | 1987 | 1818-2/2 |
| GANYMEDE | 5M | Jg-5 | NUN SULCI: TOPO | 44 | 315 | AN | 1987 | 1818-1/2 |
| GANYMEDE | 5M | Jg-6 | DARDANUS SULCUS | 0 | 36 | A | 1987 | 1808-2/2 |
| GANYMEDE | 5M | Jg-6 | DARDANUS SULCUS: TOPO | 0 | 36 | AN | 1987 | 1808-1/2 |
| GANYMEDE | 5M | Jg-7 | MEMPHIS FACULA | 0 | 108 | A | 1984 | 1498-2/2 |
| GANYMEDE | 5M | Jg-7 | MEMPHIS FACULA: TOPO | 0 | 108 | AN | 1984 | 1498-1/2 |
| GANYMEDE | 5M | Jg-8 | URUK SULCUS | 0 | 180 | A | 1984 | 1536-2/2 |
| GANYMEDE | 5M | Jg-8 | URUK SULCUS: GEOLOGY | 0 | 180 | G | 1988 | 1934 |
| GANYMEDE | 5M | Jg-8 | URUK SULCUS: TOPO | 0 | 180 | AN | 1984 | 1536-1/2 |
| GANYMEDE | 5M | Jg-9 | TIAMAT SULCUS | 0 | 252 | A | 1984 | 1548-2/2 |
| GANYMEDE | 5M | Jg-9 | TIAMAT SULCUS: TOPO | 0 | 252 | AN | 1984 | 1548-1/2 |
| GANYMEDE | 5M | Jg-10 | MISHARU | 0 | 324 | A | 1984 | 1650-2/2 |
| GANYMEDE | 5M | Jg-10 | MISHARU: TOPO | 0 | 324 | AN | 1984 | 1650-1/2 |
| GANYMEDE | 5M | Jg-11 | NABU | -44 | 45 | A | 1987 | 1816-2/2 |
| GANYMEDE | 5M | Jg-11 | NABU: TOPO | -44 | 45 | AN | 1987 | 1816-1/2 |
| GANYMEDE | 5M | Jg-12 | OSIRUS | -44 | 135 | A | 1987 | 1769-2/2 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| GANYMEDE | 5M | Jg-12 | OSIRUS: TOPO | -44 | 135 | AN | 1987 | 1769-1/2 |
| GANYMEDE | 5M | Jg-13 | APSU SULCI | -44 | 225 | A | 1987 | 1817-2/2 |
| GANYMEDE | 5M | Jg-13 | APSU SULCI: TOPO | -44 | 225 | AN | 1987 | 1817-1/2 |
| GANYMEDE | 5M | Jg-14 | NAMTAR | -44 | 315 | A | 1988 | 1871-2/2 |
| GANYMEDE | 5M | Jg-14 | NAMTAR:TOPO | -44 | 315 | AN | 1988 | 1871-1/2 |
| GANYMEDE | 5M | Jg-15 | HATHOR | -90 | 0 | A | 1987 | 1860-2/2 |
| GANYMEDE | 5M | Jg-15 | HATHOR: TOPO | -90 | 0 | AN | 1987 | 1860-1/2 |
| IAPETUS | 10M | | GLOBAL: MOSAIC | 0 | 0 | CM | 1991 | 2159-2/2 |
| IAPETUS | 10M | | GLOBAL: TOPO | 0 | 0 | 1AN | 1982 | 1486 |
| IAPETUS | 10M | | GLOBAL: TOPO | 0 | 0 | 2AN | 1991 | 2159-1/2 |
| IO | 25M | | GLOBAL: TOPO | 0 | 0 | 1RM | 1979 | 1240 |
| IO | 15M | | GLOBAL: COLOR MOSAIC | | | CMK | 1987 | 1713-3/3 |
| IO | 15M | | GLOBAL: RELIEF | | | 1R | 1987 | 1713-2/3 |
| IO | 15M | | GLOBAL: TOPO | | | 1AN | 1987 | 1713-1/3 |
| IO | 5M | Ji-2 | RUWA PATERA | 0 | 0 | A | 1984 | 1491-2/2 |
| IO | 5M | Ji-2 | RUWA PATERA: GEOLOGY | 0 | 0 | G | 1989 | 1980 |
| IO | 5M | Ji-2 | RUWA PATERA: TOPO | 0 | 0 | AN | 1984 | 1491-1/2 |
| IO | 5M | Ji-3 | COLCHIS | 0 | 180 | A | 1984 | 1550-2/2 |
| IO | 5M | Ji-3 | COLCHIS: TOPO | 0 | 180 | AN | 1984 | 1550-1/2 |
| IO | 5M | Ji-4 | LERNA | -90 | 0 | A | 1984 | 1549-2/2 |
| IO | 5M | Ji-4 | LERNA: GEOLOGY | -90 | 0 | G | 1991 | 2055 |
| IO | 5M | Ji-4 | LERNA: TOPO | -90 | 0 | AN | 1984 | 1549-1/2 |
| IO | 2M | | RA PATERA: GEOLOGY | -8 | 315 | G | 1988 | 1949 |
| IO | 2M | | KANE PATERA: MOSAIC | -32 | 8 | CM | 1983 | 1494 |
| IO | 2M | | RA PATERA: MOSAIC | -8 | 315 | CM | 1983 | 1494 |
| IO | 1M | | MAASAW PATERA: MOSAIC | -42 | 342 | CM | 1983* | 1494 |
| IO | 1M | | MAASAW PATERA: MOSAIC | -42 | 342 | CM | 1987 | 1851 |
| MARS | 50M | | MM'71 MARS PLANNING CHART | 65/-65 | 0 | AN | 1971* | JPL |
| MARS | 35.2M | | MARS-1969 | 70/-70 | 0 | A | 1971 | LOWELL |
| MARS | 35.0M | MEC-1 | GLOBAL COLOR+ 6 ORTHOS | 60/-60 | 0 | AN | 1966* | ACIC |
| MARS | 32M | | RELIEF GLOBE OF MARS | | | R | 1981* | USGS |
| MARS | 28.6M | | THE RED PLANET MARS: 3 VIEWS | 0 | 0&120&270 | AN | 1973 | NGS |
| MARS | 25M | | GLOBAL: GEOLOGIC MAP | | | G | 1978 | 1083 |
| MARS | 25M | | MARS ALBEDO & TOPOGRAPHY | 0 | 0&120&270 | AN | 1973 | LOWELL-3 |
| MARS | 25M | | MARS-1967 | 70/-70 | 0 | A | 1980 | LOWELL |
| MARS | 25M | | MARS-1971 | 70/-70 | 0 | A | 1971 | LOWELL |
| MARS | 25M | | MARS-1973 | 70/-70 | 0 | A | 1974 | LOWELL |
| MARS | 25M | | MARS-1975 TO 1976 | 70/-70 | 0 | AN | 1976 | LOWELL |
| MARS | 25M | | MARS-1978 | 70/-70 | 0 | A | 1978 | LOWELL |
| MARS | 25M | | MARS-1980 | 70/-70 | 0 | A | 1982 | LOWELL |
| MARS | 25M | | MARS-1982 | 70/-70 | 0 | AN | 1983 | LOWELL |
| MARS | 25M | | MARS-1984 | 70/-70 | 0 | AN | 1987 | LOWELL |
| MARS | 25M | | GLOBAL: RELIEF 1st ed. | | | 1R | 1972* | 810 |
| MARS | 25M | | GLOBAL: RELIEF 2nd ed. | | | 2R | 1975* | 940 |
| MARS | 25M | | GLOBAL: TOPO 3rd ed. | | | 3RMC | 1976* | 961 |
| MARS | 25M | | GLOBAL: TOPO 4th ed. | | | 4AN | 1991 | 2179 |
| MARS | 25M | MEC-2 | ALBEDO/MARINER 4 RLF+3 ORTHOS | 70/-75 | 0 | AN | 1967* | ACIC |
| MARS | 25M | NASA CHART | ALBEDO/MARINER 6 & 7 RELIEF | 70/-70 | 0 | AN | 1970? | AMS |
| MARS | 22.0M | | RELIEF/ALBEDO GLOBE | | | AN | 1990 | SKY PUB |
| MARS | 16.7M | | GLOBE OF MARS | | | AN | 1973* | USGS |
| MARS | 15M | | EASTERN REGION: CONTOURS | 0 | 270 | T | 1989 | 2030-3/3 |
| MARS | 15M | | EASTERN REGION: GEOLOGY | 0 | 270 | G | 1987 | 1802-B |
| MARS | 15M | | EASTERN REGION: RELIEF | 0 | 270 | R | 1982 | 1321 |
| MARS | 15M | | EASTERN REGION: RELIEF/NOMEN | 0 | 270 | RN | 1985 | 1618-2/3 |
| MARS | 15M | | EASTERN REGION: TOPO | 0 | 270 | AN | 1991 | 2160-1/3 |
| MARS | 15M | | EASTERN REGION: TOPO | 0 | 270 | AN | 1985 | 1535-2/2 |
| MARS | 15M | | POLAR REGIONS: CONTOURS | 90&-90 | 0 | T | 1989 | 2030-1/3 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 15M | | POLAR REGIONS: GEOLOGY | 90&-90 | 0 | G | 1987 | 1802-C |
| MARS | 15M | | POLAR REGIONS: RELIEF | 90&-90 | 0 | R | 1982 | 1322 |
| MARS | 15M | | POLAR REGIONS: RELIEF/NOMEN | 90&-90 | 0 | RN | 1985 | 1618-3/3 |
| MARS | 15M | | POLAR REGIONS: TOPO | 90&-90 | 0 | AN | 1991 | 2160-3/3 |
| MARS | 15M | | WESTERN REGION: CONTOURS | 0 | 90 | T | 1989 | 2030-2/3 |
| MARS | 15M | | WESTERN REGION: GEOLOGY | 0 | 90 | G | 1986 | 1802-A |
| MARS | 15M | | WESTERN REGION: RELIEF | 0 | 90 | R | 1982 | 1320 |
| MARS | 15M | | WESTERN REGION: RELIEF/NOMEN | 0 | 90 | RN | 1985 | 1618-1/3 |
| MARS | 15M | | WESTERN REGION: TOPO | 0 | 90 | AN | 1985 | 1535-1/2 |
| MARS | 15M | | WESTERN REGION: TOPO | 0 | 90 | AN | 1991 | 2160-2/3 |
| MARS | 10M | | PICTORIAL COLOR MAPS:2 VIEWS | 0 | 0&180 | AN | 1965* | AMS-2 |
| MARS | 5M | | ARGYRE PLANITA | -50 | 44 | RN | 1980 | 1264 |
| MARS | 5M | | CHRYSE PLANITIA | -12 | 47 | RN | 1982 | 1448 |
| MARS | 5M | MC- 1 | MARE BOREUM: GEOLOGY | 90 | 0 | G | 1984 | 1640 |
| MARS | 5M | MC- 1 | MARE BOREUM: RELIEF | 90 | 0 | R | 1976* | 969 |
| MARS | 5M | MC- 1 | MARE BOREUM: RELIEF | 90 | 0 | RN | 1988 | 1876 |
| MARS | 5M | MC- 1 | MARE BOREUM: TOPO | 90 | 0 | RMC | 1977 | 1027 |
| MARS | 5M | MC- 2 | DIACRIA: GEOLOGY | 48 | 150 | G | 1981 | 1286 |
| MARS | 5M | MC- 2 | DIACRIA: RELIEF | 48 | 150 | R | 1976* | 989 |
| MARS | 5M | MC- 2 | DIACRIA: RELIEF REVISED | 48 | 150 | RN | 1981 | 1392 |
| MARS | 5M | MC- 3 | ARCADIA: GEOLOGY | 48 | 90 | G | 1979 | 1154 |
| MARS | 5M | MC- 3 | ARCADIA: RELIEF | 48 | 90 | R | 1975* | 963 |
| MARS | 5M | MC- 3 | ARCADIA: RELIEF REVISED | 48 | 90 | RN | 1982 | 1477 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: GEOLOGY | 48 | 30 | G | 1978* | 1048 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: GEOLOGY REV | 48 | 30 | G | 1984 | 1614 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: RELIEF | 48 | 30 | R | 1975* | 958 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: RELIEF REV | 48 | 30 | RN | 1982 | 1476 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: TOPO | 48 | 30 | RMC | 1976 | 979 |
| MARS | 5M | MC- 5 | ISMENIUS LACUS: GEOLOGY | 48 | 330 | G | 1978 | 1065 |
| MARS | 5M | MC- 5 | ISMENIUS LACUS: RELIEF | 48 | 330 | R | 1978* | 1052 |
| MARS | 5M | MC- 5 | ISMENIUS LACUS: RELIEF REV | 48 | 330 | RN | 1982 | 1495 |
| MARS | 5M | MC- 6 | CASIUS: GEOLOGY | 48 | 270 | G | 1973 | 1038 |
| MARS | 5M | MC- 6 | CASIUS: RELIEF | 48 | 270 | R | 1978* | 1121 |
| MARS | 5M | MC- 6 | CASIUS: RELIEF REVISED | 48 | 270 | RN | 1984 | 1646 |
| MARS | 5M | MC- 6 | CASIUS: TOPO | 48 | 270 | RMC | 1978 | 1119 |
| MARS | 5M | MC- 7 | CEBRENIA: GEOLOGY | 48 | 210 | G | 1979 | 1140 |
| MARS | 5M | MC- 7 | CEBRENIA: RELIEF | 48 | 210 | R | 1978* | 1122 |
| MARS | 5M | MC- 7 | CEBRENIA: RELIEF REVISED | 48 | 210 | RN | 1984 | 1475 |
| MARS | 5M | MC- 7 | CEBRENIA: TOPO | 48 | 210 | RMC | 1978 | 1120 |
| MARS | 5M | MC- 8 | AMAZONIS: GEOLOGY | 15 | 158 | G | 1978 | 1049 |
| MARS | 5M | MC- 8 | AMAZONIS: MOSAIC | 15 | 158 | CM | 1991 | 2180-2/2 |
| MARS | 5M | MC- 8 | AMAZONIS: RELIEF | 15 | 158 | R | 1976* | 956 |
| MARS | 5M | MC- 8 | AMAZONIS: RELIEF REVISED | 15 | 158 | RN | 1991 | 2180 |
| MARS | 5M | MC- 9 | THARSIS: GEOLOGY | 15 | 112 | G | 1975 | 893 |
| MARS | 5M | MC- 9 | THARSIS: MOSAIC | 15 | 112 | CM | 1988 | 1922-2/2 |
| MARS | 5M | MC- 9 | THARSIS: RELIEF | 15 | 112 | R | 1975* | 926 |
| MARS | 5M | MC- 9 | THARSIS: RELIEF REVISED | 15 | 112 | RN | 1988 | 1922-1/2 |
| MARS | 5M | MC- 9 | THARSIS: TOPO | 15 | 112 | RMC | 1976 | 977 |
| MARS | 5M | MC-10 | LUNAE PALUS: GEOLOGY | 15 | 68 | G | 1975 | 894 |
| MARS | 5M | MC-10 | LUNAE PALUS: RELIEF | 15 | 68 | R | 1975* | 925 |
| MARS | 5M | MC-10 | LUNAE PALUS: RELIEF REVISED | 15 | 68 | RN | 1984 | 1511 |
| MARS | 5M | MC-10 | LUNAE PALUS: TOPO | 15 | 68 | RMC | 1976 | 971 |
| MARS | 5M | MC-11 | OXIA PALUS: GEOLOGY | 15 | 22 | G | 1976 | 895 |
| MARS | 5M | MC-11 | OXIA PALUS: RELIEF | 15 | 22 | R | 1976* | 955 |
| MARS | 5M | MC-11 | OXIA PALUS: RELIEF REVISED | 15 | 22 | RN | 1984 | 1551 |
| MARS | 5M | MC-11 | OXIA PALUS: TOPO | 15 | 22 | RMC | 1976 | 978 |
| MARS | 5M | MC-12 | ARABIA: GEOLOGY | 15 | 338 | G | 1977 | 996 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 5M | MC-12 | ARABIA: RELIEF | 15 | 338 | R | 1978* | 1079 |
| MARS | 5M | MC-12 | ARABIA: RELIEF REVISED | 15 | 338 | RN | 1984 | 1651 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: GEOLOGY | 15 | 292 | G | 1977 | 995 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: MOSAIC | 15 | 292 | CM | 1985 | 1704-2/2 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: RELIEF | 15 | 292 | R | 1975* | 929 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: RELIEF REVISED | 15 | 292 | RN | 1985 | 1704-1/2 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: TOPO | 15 | 292 | RMC | 1976 | 967 |
| MARS | 5M | MC-14 | AMENTHES: GEOLOGY | 15 | 248 | G | 1979 | 1110 |
| MARS | 5M | MC-14 | AMENTHES: MOSAIC | 15 | 248 | CM | 1987 | 1809-2/2 |
| MARS | 5M | MC-14 | AMENTHES: RELIEF | 15 | 248 | R | 1977* | 1023 |
| MARS | 5M | MC-14 | AMENTHES: RELIEF REVISED | 15 | 248 | RN | 1987 | 1809-1/2 |
| MARS | 5M | MC-14 | AMENTHES: TOPO | 15 | 248 | RMC | 1977 | 1024 |
| MARS | 5M | MC-15 | ELYSIUM REGION: GEOLOGY | 15 | 202 | G | 1991 | 2147 |
| MARS | 5M | MC-15 | ELYSIUM: GEOLOGY | 15 | 202 | G | 1976 | 935 |
| MARS | 5M | MC-15 | ELYSIUM: MOSAIC | 15 | 202 | CM | 1988 | 2008-2/2 |
| MARS | 5M | MC-15 | ELYSIUM: RELIEF | 15 | 202 | R | 1978* | 1131 |
| MARS | 5M | MC-15 | ELYSIUM: RELIEF REVISED | 15 | 202 | RN | 1988 | 2008-1/2 |
| MARS | 5M | MC-15 | ELYSIUM: TOPO | 15 | 202 | RMC | 1978 | 1135 |
| MARS | 5M | MC-16 | MEMNONIA: GEOLOGY | -15 | 158 | G | 1979 | 1137 |
| MARS | 5M | MC-16 | MEMNONIA: RELIEF | -15 | 158 | R | 1978* | 1075 |
| MARS | 5M | MC-16 | MEMNONIA: RELIEF REVISED | -15 | 158 | RN | 1984 | 1554 |
| MARS | 5M | MC-17 | PHOENICIS LACUS: GEOLOGY | -15 | 112 | G | 1978 | 896 |
| MARS | 5M | MC-17 | PHOENICIS LACUS: RELIEF | -15 | 112 | R | 1975* | 924 |
| MARS | 5M | MC-17 | PHOENICIS LACUS: RELIEF REV | -15 | 112 | RN | 1980 | 1252 |
| MARS | 5M | MC-17 | PHOENICIS LACUS: TOPO | -15 | 112 | RMC | 1976 | 984 |
| MARS | 5M | MC-18 | COPRATES: GEOLOGY | -15 | 68 | G | 1978 | 897 |
| MARS | 5M | MC-18 | COPRATES: RELIEF | -15 | 68 | R | 1975* | 928 |
| MARS | 5M | MC-18 | COPRATES: RELIEF REVISED | -15 | 68 | RN | 1980 | 1253 |
| MARS | 5M | MC-18 | COPRATES: TOPO | -15 | 68 | RMC | 1976 | 976 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: GEOLOGY | -15 | 22 | G | 1979 | 1144 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: RELIEF | -15 | 22 | R | 1975* | 927 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: RLF REV | -15 | 22 | RN | 1980 | 1293 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: TOPO | -15 | 22 | RMC | 1976 | 975 |
| MARS | 5M | MC-19 | VALLES MARINERIS: GEOLOGY | -15 | 22 | G | 1991 | 2010 |
| MARS | 5M | MC-20 | SINUS SABAEUS: GEOLOGY | -15 | 338 | G | 1980 | 1196 |
| MARS | 5M | MC-20 | SINUS SABAEUS: RELIEF | -15 | 338 | R | 1978* | 1050 |
| MARS | 5M | MC-20 | SINUS SABAEUS: RELIEF REVISED | -15 | 338 | RN | 1980 | 1296 |
| MARS | 5M | MC-21 | IAPYGIA: GEOLOGY | -15 | 292 | G | 1977 | 1020 |
| MARS | 5M | MC-21 | IAPYGIA: RELIEF | -15 | 292 | R | 1978* | 1118 |
| MARS | 5M | MC-22 | MARE TYRRHENUM: GEOLOGY | -15 | 248 | G | 1978 | 1073 |
| MARS | 5M | MC-22 | MARE TYRRHENUM: RELIEF | -15 | 248 | R | 1978 | 1123 |
| MARS | 5M | MC-23 | AEOLIS: GEOLOGY | -15 | 202 | G | 1978 | 1111 |
| MARS | 5M | MC-23 | AEOLIS: RELIEF | -15 | 202 | R | 1976* | 1000 |
| MARS | 5M | MC-23 | AEOLIS: RELIEF REVISED | -15 | 202 | RN | 1984 | 1552 |
| MARS | 5M | MC-23 | AEOLIS: TOPO | -15 | 202 | RMC | 1976 | 1001 |
| MARS | 5M | MC-24 | PHAETHONTIS: GEOLOGY | -48 | 150 | G | 1979 | 1145 |
| MARS | 5M | MC-24 | PHAETHONTIS: RELIEF | -48 | 150 | R | 1979 | 1166 |
| MARS | 5M | MC-24 | PHAETHONTIS: TOPO | -48 | 150 | RMC | 1979 | 1167 |
| MARS | 5M | MC-25 | THAUMASIA: GEOLOGY | -48 | 90 | G | 1978 | 1077 |
| MARS | 5M | MC-25 | THAUMASIA: RELIEF | -48 | 90 | R | 1979 | 1164 |
| MARS | 5M | MC-25 | THAUMASIA: TOPO | -48 | 90 | RMC | 1979 | 1165 |
| MARS | 5M | MC-26 | ARGYRE: GEOLOGY | -48 | 30 | G | 1980 | 1181 |
| MARS | 5M | MC-26 | ARGYRE: RELIEF | -48 | 30 | R | 1975 | 923 |
| MARS | 5M | MC-26 | ARGYRE: TOPO | -48 | 30 | RMC | 1976 | 985 |
| MARS | 5M | MC-27 | NOACHIS: GEOLOGY | -48 | 330 | G | 1977 | 910 |
| MARS | 5M | MC-27 | NOACHIS: RELIEF | -48 | 330 | R | 1979 | 1168 |
| MARS | 5M | MC-28 | HELLAS: GEOLOGY | -48 | 270 | G | 1976 | 941 |
| MARS | 5M | MC-28 | HELLAS: RELIEF | -48 | 270 | R | 1979 | 1169 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 5M | MC-29 | ERIDANIA: GEOLOGY | -48 | 210 | G | 1978 | 1008 |
| MARS | 5M | MC-29 | ERIDANIA: RELIEF | -48 | 210 | R | 1979 | 1170 |
| MARS | 5M | MC-30 | MARE AUSTRALE: GEOLOGY | -90 | 0 | G | 1978 | 1076 |
| MARS | 5M | MC-30 | MARE AUSTRALE: MOSAIC | -90 | 0 | CM | 1988 | 1928-2/2 |
| MARS | 5M | MC-30 | MARE AUSTRALE: RELIEF | -90 | 0 | R | 1976* | 970 |
| MARS | 5M | MC-30 | MARE AUSTRALE: RELIEF REV | -90 | 0 | RN | 1988 | 1928-1/2 |
| MARS | 2M | | VALLES MARINERIS: GEOLOGIC | | | G | 1991 | 2010 |
| MARS | 2M | | OLYMPUS MONS | 22 | 138 | CM | 1981 | 1379 |
| MARS | 2M | MC- 1 A&B | MARE BOREUM | 90 | 0 | CM | 1985 | 1703 |
| MARS | 2M | MC- 1 C | MARE BOREUM | 71 | 23 | CM | 1985 | 1667 |
| MARS | 2M | MC- 1 D | MARE BOREUM | 71 | 68 | CM | 1985 | 1668 |
| MARS | 2M | MC- 1 E | MARE BOREUM | 71 | 113 | CM | 1985 | 1669 |
| MARS | 2M | MC- 1 F | MARE BOREUM | 71 | 158 | CM | 1985 | 1670 |
| MARS | 2M | MC- 1 G | MARE BOREUM | 71 | 203 | CM | 1985 | 1671 |
| MARS | 2M | MC- 1 H | MARE BOREUM | 71 | 248 | CM | 1985 | 1672 |
| MARS | 2M | MC- 1 I | MARE BOREUM | 71 | 293 | CM | 1985 | 1673 |
| MARS | 2M | MC- 1 J | MARE BOREUM | 71 | 338 | CM | 1985 | 1674 |
| MARS | 2M | MC- 2 NE | DIACRIA NE | 56 | 135 | CM | 1981 | 1359 |
| MARS | 2M | MC- 2 NW | DIACRIA NW | 56 | 165 | CM | 1981 | 1328 |
| MARS | 2M | MC- 2 SC | DIACRIA SC | 39 | 124 | CM | 1981 | 1356 |
| MARS | 2M | MC- 2 SE | DIACRIA SE | 39 | 124 | CM | 1981 | 1357 |
| MARS | 2M | MC- 2 SE | DIACRIA SE: FLOW MAP | 39 | 124 | G | 1981 | 1276 |
| MARS | 2M | MC- 2 SW | DIACRIA SW | 39 | 169 | CM | 1981* | 1358 |
| MARS | 2M | MC- 2 SW | DIACRIA SW: REVISED | 39 | 169 | CM | 1984 | 1598 |
| MARS | 2M | MC- 3 NE | ARCADIA NE | 56 | 75 | CM | 1981 | 1353 |
| MARS | 2M | MC- 3 NW | ARCADIA NW | 56 | 105 | CM | 1981 | 1355 |
| MARS | 2M | MC- 3 SE | ARCADIA SE | 39 | 79 | CM | 1981 | 1352 |
| MARS | 2M | MC- 3 SW | ARCADIA SW | 39 | 101 | CM | 1981* | 1354 |
| MARS | 2M | MC- 3 SW | ARCADIA SW: FLOW MAP | 39 | 101 | G | 1982 | 1278 |
| MARS | 2M | MC- 3 SW | ARCADIA SW: REVISED | 39 | 101 | CM | 1984 | 1597 |
| MARS | 2M | MC- 4 NE | MARE ACIDALIUM NE | 56 | 15 | CM | 1981 | 1348 |
| MARS | 2M | MC- 4 NW | MARE ACIDALIUM NW | 56 | 45 | CM | 1981 | 1347 |
| MARS | 2M | MC- 4 SC | MARE ACIDALIUM SC | 39 | 34 | CM | 1981 | 1350 |
| MARS | 2M | MC- 4 SE | MARE ACIDALIUM SE | 39 | 11 | CM | 1981 | 1351 |
| MARS | 2M | MC- 4 SW | MARE ACIDALIUM SW | 39 | 56 | CM | 1981 | 1349 |
| MARS | 2M | MC- 5 NE | ISMENIUS LACUS NE | 56 | 315 | CM | 1982 | 1433 |
| MARS | 2M | MC- 5 NW | ISMENIUS LACUS NW | 56 | 345 | CM | 1982 | 1434 |
| MARS | 2M | MC- 5 SC | ISMENIUS LACUS SC | 39 | 326 | CM | 1982* | 1435 |
| MARS | 2M | MC- 5 SC | ISMENIUS LACUS SC: REVISED | 39 | 326 | CM | 1985 | 1620 |
| MARS | 2M | MC- 5 SE | ISMENIUS LACUS SE | 39 | 304 | CM | 1982* | 1436 |
| MARS | 2M | MC- 5 SE | ISMENIUS LACUS SE: REVISED | 39 | 304 | CM | 1985 | 1629 |
| MARS | 2M | MC- 5 SW | ISMENIUS LACUS SW | 39 | 349 | CM | 1982 | 1437 |
| MARS | 2M | MC- 6 NE | CASIUS NE | 56 | 255 | CM | 1983* | 1563 |
| MARS | 2M | MC- 6 NE | CASIUS NE: REVISED | 56 | 255 | CM | 1985 | 1679 |
| MARS | 2M | MC- 6 NW | CASIUS NW | 56 | 285 | CM | 1982* | 1431 |
| MARS | 2M | MC- 6 NW | CASIUS NW: REVISED | 56 | 285 | CM | 1985 | 1619 |
| MARS | 2M | MC- 6 SE | CASIUS SE | 39 | 259 | CM | 1983* | 1432 |
| MARS | 2M | MC- 6 SE | CASIUS SE: REVISED | 39 | 259 | CM | 1985 | 1680 |
| MARS | 2M | MC- 6 SW | CASIUS SW | 39 | 281 | CM | 1983 | 1525 |
| MARS | 2M | MC- 7 NE | CEBRENIA NE | 56 | 195 | CM | 1981 | 1397 |
| MARS | 2M | MC- 7 NW | CEBRENIA NW | 56 | 225 | CM | 1983 | 1521 |
| MARS | 2M | MC- 7 SC | CEBRENIA SC | 39 | 214 | CM | 1981 | 1398 |
| MARS | 2M | MC- 7 SE | CEBRENIA SE | 39 | 191 | CM | 1981 | 1399 |
| MARS | 2M | MC- 7 SW | CEBRENIA SW | 39 | 236 | CM | 1983 | 1564 |
| MARS | 2M | MC- 8 NE | AMAZONIS NE | 22 | 146 | CM | 1981 | 1331 |
| MARS | 2M | MC- 8 NE | AMAZONIS NE: FLOW MAP | 22 | 146 | G | 1982 | 1279 |
| MARS | 2M | MC- 8 NW | AMAZONIS NW | 22 | 169 | CM | 1981 | 1334 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 2M | MC- 8 SE | AMAZONIS SE | 7 | 146 | CM | 1981 | 1333 |
| MARS | 2M | MC- 8 SE | AMAZONIS SE: FLOW MAP | 7 | 146 | G | 1982 | 1280 |
| MARS | 2M | MC- 8 SW | AMAZONIS SW | 7 | 169 | CM | 1981 | 1332 |
| MARS | 2M | MC- 8 SW | AMAZONIS SW: CONTOUR MAP | 7 | 169 | T | 1986 | 1708 |
| MARS | 2M | MC- 9 NE | THARSIS NE | 22 | 101 | CM | 1980 | 1258 |
| MARS | 2M | MC- 9 NE | THARSIS NE: CONTOUR MAP | 22 | 101 | T | 1991 | 2111 |
| MARS | 2M | MC- 9 NE | THARSIS NE: FLOW MAP | 22 | 101 | G | 1982 | 1267 |
| MARS | 2M | MC- 9 NW | THARSIS NW | 22 | 124 | CM | 1980* | 1259 |
| MARS | 2M | MC- 9 NW | THARSIS NW: CONTOUR MAP | 22 | 124 | T | 1986 | 1684 |
| MARS | 2M | MC- 9 NW | THARSIS NW: FLOW MAP | 22 | 124 | G | 1982 | 1266 |
| MARS | 2M | MC- 9 NW | THARSIS NW: REVISED | 22 | 124 | CM | 1985 | 1621 |
| MARS | 2M | MC- 9 SE | THARSIS SE | 7 | 101 | CM | 1980 | 1260 |
| MARS | 2M | MC- 9 SE | THARSIS SE: CONTOUR MAP | 7 | 101 | T | 1991 | 2112 |
| MARS | 2M | MC- 9 SE | THARSIS SE: FLOW MAP | 7 | 101 | G | 1982 | 1269 |
| MARS | 2M | MC- 9 SW | THARSIS SW | 7 | 124 | CM | 1980* | 1261 |
| MARS | 2M | MC- 9 SW | THARSIS SW: CONTOUR MAP | 7 | 124 | T | 1991 | 2113 |
| MARS | 2M | MC- 9 SW | THARSIS SW: FLOW MAP | 7 | 124 | G | 1982 | 1268 |
| MARS | 2M | MC- 9 SW | THARSIS SW: REVISED | 7 | 124 | CM | 1985 | 1622 |
| MARS | 2M | MC-10 NE | LUNAE PALUS NE | 22 | 56 | CM | 1980 | 1305 |
| MARS | 2M | MC-10 NW | LUNAE PALUS NW | 22 | 79 | CM | 1980 | 1303 |
| MARS | 2M | MC-10 SE | LUNAE PALUS SE | 7 | 56 | CM | 1980 | 1307 |
| MARS | 2M | MC-10 SW | LUNAE PALUS SW | 7 | 79 | CM | 1980 | 1306 |
| MARS | 2M | MC-11 NE | OXIA PALUS NE | 22 | 11 | CM | 1981 | 1344 |
| MARS | 2M | MC-11 NW | OXIA PALUS NW | 22 | 34 | CM | 1981 | 1345 |
| MARS | 2M | MC-11 SE | OXIA PALUS SE | 7 | 11 | CM | 1981 | 1342 |
| MARS | 2M | MC-11 SW | OXIA PALUS SW | 7 | 34 | CM | 1981 | 1343 |
| MARS | 2M | MC-12 NE | ARABIA NE | 22 | 326 | CM | 1982* | 1464 |
| MARS | 2M | MC-12 NE | ARABIA NE: CONTOUR MAP | 22 | 326 | T | 1991 | 2098 |
| MARS | 2M | MC-12 NE | ARABIA NE: REVISED | 22 | 326 | CM | 1985 | 1624 |
| MARS | 2M | MC-12 NW | ARABIA NW | 22 | 349 | CM | 1982 | 1467 |
| MARS | 2M | MC-12 NW | ARABIA NW: CONTOUR MAP | 22 | 349 | T | 1991 | 2101 |
| MARS | 2M | MC-12 SE | ARABIA SE | 7 | 326 | CM | 1982 | 1466 |
| MARS | 2M | MC-12 SE | ARABIA SE: CONTOUR MAP | 7 | 326 | T | 1991 | 2099 |
| MARS | 2M | MC-12 SW | ARABIA SW | 7 | 349 | CM | 1982 | 1465 |
| MARS | 2M | MC-12 SW | ARABIA SW: CONTOUR MAP | 7 | 349 | T | 1991 | 2100 |
| MARS | 2M | MC-13 NE | SYRTIS MAJOR NE | 22 | 281 | CM | 1982 | 1414 |
| MARS | 2M | MC-13 NW | SYRTIS MAJOR NW | 22 | 304 | CM | 1982 | 1415 |
| MARS | 2M | MC-13 SE | SYRTIS MAJOR SE | 7 | 281 | CM | 1982 | 1412 |
| MARS | 2M | MC-13 SW | SYRTIS MAJOR SW | 7 | 304 | CM | 1982 | 1413 |
| MARS | 2M | MC-14 NE | AMENTHES NE | 22 | 236 | CM | 1982 | 1426 |
| MARS | 2M | MC-14 NE | AMENTHES NE: CONTOUR MAP | 22 | 236 | T | 1991 | 2134 |
| MARS | 2M | MC-14 NW | AMENTHES NW | 22 | 259 | CM | 1982 | 1427 |
| MARS | 2M | MC-14 NW | AMENTHES NW: CONTOUR MAP | 22 | 259 | T | 1991 | 2137 |
| MARS | 2M | MC-14 SE | AMENTHES SE | 7 | 236 | CM | 1982 | 1428 |
| MARS | 2M | MC-14 SE | AMENTHES SE: CONTOUR MAP | 7 | 236 | T | 1991 | 2135 |
| MARS | 2M | MC-14 SW | AMENTHES SW | 7 | 259 | CM | 1982 | 1429 |
| MARS | 2M | MC-14 SW | AMENTHES SW: CONTOUR MAP | 7 | 259 | T | 1991 | 2136 |
| MARS | 2M | MC-15 NE | ELYSIUM NE | 22 | 191 | CM | 1981 | 1385 |
| MARS | 2M | MC-15 NE | ELYSIUM NE: CONTOUR MAP | 22 | 191 | T | 1991 | 2126 |
| MARS | 2M | MC-15 NW | ELISIUM NW | 22 | 214 | CM | 1981* | 1386 |
| MARS | 2M | MC-15 NW | ELYSIUM NW: CONTOUR MAP | 22 | 214 | T | 1991 | 2129 |
| MARS | 2M | MC-15 NW | ELYSIUM NW: REVISED | 22 | 214 | CM | 1984 | 1581 |
| MARS | 2M | MC-15 SE | ELYSIUM SE | 7 | 191 | CM | 1981* | 1387 |
| MARS | 2M | MC-15 SE | ELYSIUM SE: CONTOUR MAP | 7 | 191 | T | 1991 | 2127 |
| MARS | 2M | MC-15 SE | ELYSIUM SE: REVISED | 7 | 191 | CM | 1984 | 1582 |
| MARS | 2M | MC-15 SW | ELYSIUM SW | 7 | 214 | CM | 1981 | 1384 |
| MARS | 2M | MC-15 SW | ELYSIUM SW: CONTOUR MAP | 7 | 214 | T | 1991 | 2128 |
| MARS | 2M | MC-16 NE | MEMNONIA NE | -7 | 146 | CM | 1979 | 1185 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 2M | MC-16 NE | MEMNONIA NE: CONTOUR MAP | - 7 | 146 | T | 1986 | 1709 |
| MARS | 2M | MC-16 NE | MEMNONIA NE: FLOW MAP | - 7 | 146 | G | 1982 | 1270 |
| MARS | 2M | MC-16 NW | MEMNONIA NW | - 7 | 169 | CM | 1979 | 1186 |
| MARS | 2M | MC-16 NW | MEMNONIA NW: CONTOUR MAP | - 7 | 169 | T | 1986 | 1710 |
| MARS | 2M | MC-16 SE | MEMNONIA SE | -22 | 146 | CM | 1979 | 1187 |
| MARS | 2M | MC-16 SE | MEMNONIA SE: CONTOUR MAP | -22 | 146 | T | 1991 | 2109 |
| MARS | 2M | MC-16 SE | MEMNONIA SE: FLOW MAP | -22 | 146 | G | 1982 | 1271 |
| MARS | 2M | MC-16 SW | MEMNONIA SW | -22 | 169 | CM | 1979 | 1188 |
| MARS | 2M | MC-16 SW | MEMNONIA SW: CONTOUR MAP | -22 | 169 | T | 1991 | 2110 |
| MARS | 2M | MC-17 NE | PHOENICIS LACUS NE | - 7 | 101 | CM | 1979 | 1206 |
| MARS | 2M | MC-17 NE | PHOENICIS LACUS NE: CONTOUR | - 7 | 101 | T | 1986 | 1689 |
| MARS | 2M | MC-17 NE | PHOENICIS LACUS NE: FLOW MAP | - 7 | 101 | G | 1982 | 1277 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW | - 7 | 124 | CM | 1979 | 1205 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW: CONTOUR | - 7 | 124 | T | 1986 | 1711 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW: FLOW MAP | - 7 | 124 | G | 1982 | 1272 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW: RELIEF | - 7 | 124 | R | 1982 | 1478 |
| MARS | 2M | MC-17 SE | PHOENICIS LACUS SE | -22 | 101 | CM | 1979 | 1190 |
| MARS | 2M | MC-17 SE | PHOENICIS LACUS SE: CONTOURS | -22 | 101 | T | 1991 | 2132 |
| MARS | 2M | MC-17 SE | PHOENICIS LACUS SE: FLOW MAP | -22 | 101 | G | 1982 | 1274 |
| MARS | 2M | MC-17 SW | PHOENICIS LACUS SW | -22 | 124 | CM | 1979 | 1189 |
| MARS | 2M | MC-17 SW | PHOENICIS LACUS SW: CONTOURS | -22 | 124 | T | 1991 | 2133 |
| MARS | 2M | MC-17 SW | PHOENICIS LACUS SW: FLOW MAP | -22 | 124 | G | 1982 | 1275 |
| MARS | 2M | MC-18 NE | COPRATES NE | - 7 | 56 | CM | 1979 | 1208 |
| MARS | 2M | MC-18 NW | COPRATES NW | - 7 | 79 | CM | 1979 | 1207 |
| MARS | 2M | MC-18 NW | COPRATES NW: CONTOUR MAP | - 7 | 79 | T | 1986 | 1712 |
| MARS | 2M | MC-18 NW | COPRATES NW: RELIEF | - 7 | 79 | R | 1981 | 1295 |
| MARS | 2M | MC-18 SE | COPRATES SE | -22 | 56 | CM | 1979 | 1184 |
| MARS | 2M | MC-18 SW | COPRATES SW | -22 | 79 | CM | 1979 | 1183 |
| MARS | 2M | MC-19 NE | MARGARITIFER SINUS NE | - 7 | 11 | CM | 1981 | 1382 |
| MARS | 2M | MC-19 NW | MARGARITIFER SINUS NW | - 7 | 34 | CM | 1981 | 1381 |
| MARS | 2M | MC-19 SE | MARGARITIFER SINUS SE | -22 | 11 | CM | 1979 | 1210 |
| MARS | 2M | MC-19 SW | MARGARITIFER SINUS SW | -22 | 34 | CM | 1979 | 1209 |
| MARS | 2M | MC-20 NE | SINUS SABAEUS NE | - 7 | 326 | CM | 1981 | 1377 |
| MARS | 2M | MC-20 NE | SINUS SABAEUS NE: CONTOURS | - 7 | 326 | T | 1991 | 2122 |
| MARS | 2M | MC-20 NW | SINUS SABAEUS NW | - 7 | 349 | CM | 1981 | 1376 |
| MARS | 2M | MC-20 NW | SINUS SABAEUS NW: CONTOURS | - 7 | 349 | T | 1991 | 2125 |
| MARS | 2M | MC-20 SE | SINUS SABAEUS SE | -22 | 326 | CM | 1979 | 1212 |
| MARS | 2M | MC-20 SE | SINUS SABAEUS SE: CONTOURS | -22 | 326 | T | 1991 | 2123 |
| MARS | 2M | MC-20 SW | SINUS SABAEUS SW | -22 | 349 | CM | 1979* | 1211 |
| MARS | 2M | MC-20 SW | SINUS SABAEUS SW: CONTOURS | -22 | 349 | T | 1991 | 2124 |
| MARS | 2M | MC-20 SW | SINUS SABAEUS SW: REVISED | -22 | 349 | CM | 1985 | 1630 |
| MARS | 2M | MC-21 NE | IAPYGIA NE | - 7 | 281 | CM | 1982 | 1438 |
| MARS | 2M | MC-21 NE | IAPYGIA NE: CONTOUR MAP | - 7 | 281 | T | 1991 | 2102 |
| MARS | 2M | MC-21 NW | IAPYGIA NW | - 7 | 304 | CM | 1982* | 1439 |
| MARS | 2M | MC-21 NW | IAPYGIA NW: CONTOUR MAP | - 7 | 304 | T | 1991 | 2105 |
| MARS | 2M | MC-21 NW | IAPYGIA NW: REVISED | - 7 | 304 | CM | 1985 | 1623 |
| MARS | 2M | MC-21 SE | IAPYGIA SE | -22 | 281 | CM | 1982 | 1440 |
| MARS | 2M | MC-21 SE | IAPYGIA SE: CONTOUR MAP | -22 | 281 | T | 1991 | 2103 |
| MARS | 2M | MC-21 SW | IAPYGIA SW | -22 | 304 | CM | 1982 | 1441 |
| MARS | 2M | MC-21 SW | IAPYGIA SW: CONTOUR MAP | -22 | 304 | T | 1991 | 2104 |
| MARS | 2M | MC-22 NE | MARE TYRRHENUM NE | - 7 | 236 | CM | 1982 | 1469 |
| MARS | 2M | MC-22 NE | MARE TYRRHENUM NE: CONTOURS | - 7 | 236 | T | 1991 | 2114 |
| MARS | 2M | MC-22 NW | MARE TYRRHENUM NW | - 7 | 259 | CM | 1982 | 1468 |
| MARS | 2M | MC-22 NW | MARE TYRRHENUM NW: CONTOURS | - 7 | 259 | T | 1991 | 2117 |
| MARS | 2M | MC-22 SE | MARE TYRRHENUM SE | -22 | 236 | CM | 1982 | 1470 |
| MARS | 2M | MC-22 SE | MARE TYRRHENUM SE: CONTOURS | -22 | 236 | T | 1991 | 2115 |
| MARS | 2M | MC-22 SW | MARE TYRRHENUM SW | -22 | 259 | CM | 1982 | 1471 |
| MARS | 2M | MC-22 SW | MARE TYRRHENUM SW: CONTOURS | -22 | 259 | T | 1991 | 2116 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 2M | MC-23 NE | AEOLIS NE | - 7 | 191 | CM | 1982 | 1497 |
| MARS | 2M | MC-23 NE | AEOLIS NE: CONTOUR MAP | - 7 | 191 | T | 1991 | 2118 |
| MARS | 2M | MC-23 NW | AEOLIS NW | - 7 | 214 | CM | 1979 | 1213 |
| MARS | 2M | MC-23 NW | AEOLIS NW: CONTOUR MAP | - 7 | 214 | T | 1991 | 2121 |
| MARS | 2M | MC-23 SE | AEOLIS SE | -22 | 191 | CM | 1979 | 1215 |
| MARS | 2M | MC-23 SE | AEOLIS SE: CONTOUR MAP | -22 | 191 | T | 1991 | 2119 |
| MARS | 2M | MC-23 SW | AEOLIS SW | -22 | 214 | CM | 1979 | 1214 |
| MARS | 2M | MC-23 SW | AEOLIS SW: CONTOUR MAP | -22 | 214 | T | 1991 | 2120 |
| MARS | 2M | MC-24 NC | PHAETHONTIS NC | -39 | 146 | CM | 1981* | 1336 |
| MARS | 2M | MC-24 NC | PHAETHONTIS NC: REVISED | -39 | 146 | CM | 1983 | 1555 |
| MARS | 2M | MC-24 NE | PHAETHONTIS NE | -39 | 124 | CM | 1981* | 1335 |
| MARS | 2M | MC-24 NE | PHAETHONTIS NE: FLOW MAP | -39 | 124 | G | 1982 | 1281 |
| MARS | 2M | MC-24 NE | PHAETHONTIS NE: REVISED | -39 | 124 | CM | 1984 | 1601 |
| MARS | 2M | MC-24 NW | PHAETHONTIS NW | -39 | 169 | CM | 1983 | 1553 |
| MARS | 2M | MC-24 SE | PHAETHONTIS SE | -56 | 135 | CM | 1984 | 1603 |
| MARS | 2M | MC-24 SW | PHAETHONTIS SW | -56 | 165 | CM | 1985 | 1681 |
| MARS | 2M | MC-25 NE | THAUMASIA NE | -39 | 79 | CM | 1980* | 1262 |
| MARS | 2M | MC-25 NE | THAUMASIA NE: REVISED | -39 | 79 | CM | 1984 | 1602 |
| MARS | 2M | MC-25 NW | THAUMASIA NW | -39 | 101 | CM | 1980 | 1263 |
| MARS | 2M | MC-25 NW | THAUMASIA NW: FLOW MAP | -39 | 101 | G | 1982 | 1273 |
| MARS | 2M | MC-25 SE | THAUMASIA SE | -56 | 75 | CM | 1984 | 1600 |
| MARS | 2M | MC-25 SW | THAUMASIA SW | -56 | 105 | CM | 1984 | 1604 |
| MARS | 2M | MC-26 NC | ARGYRE NC | -39 | 34 | CM | 1979 | 1192 |
| MARS | 2M | MC-26 NE | ARGYRE NE | -39 | 11 | CM | 1979 | 1193 |
| MARS | 2M | MC-26 NW | ARGYRE NW | -39 | 56 | CM | 1979 | 1191 |
| MARS | 2M | MC-26 SE | ARGYRE SE | -56 | 15 | CM | 1979 | 1682 |
| MARS | 2M | MC-26 SW | ARGYRE SW | -56 | 45 | CM | 1985 | 1683 |
| MARS | 2M | MC-27 NC | NOACHIS NC | -39 | 326 | CM | 1981 | 1394 |
| MARS | 2M | MC-27 NE | NOACHIS NE | -39 | 304 | CM | 1981* | 1396 |
| MARS | 2M | MC-27 NE | NOACHIS NE: REVISED | -39 | 304 | CM | 1984 | 1585 |
| MARS | 2M | MC-27 NW | NOACHIS NW | -39 | 349 | CM | 1981 | 1395 |
| MARS | 2M | MC-27 SE | NOACHIS SE | -56 | 315 | CM | 1981* | 1393 |
| MARS | 2M | MC-27 SE | NOACHIS SE: REVISED | -56 | 315 | CM | 1984 | 1586 |
| MARS | 2M | MC-27 SW | NOACHIS SW | -56 | 345 | CM | 1984 | 1584 |
| MARS | 2M | MC-28 NE | HELLAS NE | -39 | 259 | CM | 1982 | 1451 |
| MARS | 2M | MC-28 NW | HELLAS NW | -39 | 281 | CM | 1982 | 1452 |
| MARS | 2M | MC-28 SE | HELLAS SE | -56 | 255 | CM | 1982 | 1453 |
| MARS | 2M | MC-28 SW | HELLAS SW | -56 | 285 | CM | 1982 | 1454 |
| MARS | 2M | MC-29 NC | ERIDANIA NC | -39 | 214 | CM | 1982 | 1340 |
| MARS | 2M | MC-29 NE | ERIDANIA NE | -39 | 191 | CM | 1982 | 1339 |
| MARS | 2M | MC-29 NW | ERIDANIA NW | -39 | 236 | CM | 1982 | 1341 |
| MARS | 2M | MC-29 SE | ERIDANIA SE | -56 | 195 | CM | 1982 | 1337 |
| MARS | 2M | MC-29 SW | ERIDANIA SW | -56 | 225 | CM | 1982 | 1338 |
| MARS | 2M | MC-29 SW | ERIDANIA SW | -56 | 225 | CM | 1984 | 1583 |
| MARS | 2M | MC-30 A&B | MARE AUSTRALE A&B | -90 | 0 | CM | 1985 | 1647 |
| MARS | 2M | MC-30 C | MARE AUSTRALE C | -71 | 23 | CM | 1985 | 1633 |
| MARS | 2M | MC-30 D | MARE AUSTRALE D | -71 | 68 | CM | 1985 | 1634 |
| MARS | 2M | MC-30 E | MARE AUSTRALE E | -71 | 113 | CM | 1985 | 1635 |
| MARS | 2M | MC-30 F | MARE AUSTRALE F | -71 | 158 | CM | 1985 | 1636 |
| MARS | 2M | MC-30 G | MARE AUSTRALE G | -71 | 203 | CM | 1985 | 1628 |
| MARS | 2M | MC-30 H | MARE AUSTRALE H | -71 | 248 | CM | 1985 | 1625 |
| MARS | 2M | MC-30 I | MARE AUSTRALE I | -71 | 293 | CM | 1985 | 1637 |
| MARS | 2M | MC-30 J | MARE AUSTRALE J | -71 | 338 | CM | 1985 | 1638 |
| MARS | 1M | | CAPRI: TOPO | - 4 | 39 | RMC | 1977 | 1046 |
| MARS | 1M | | CHRYSE: TOPO | 20 | 34 | RMC | 1976 | 983 |
| MARS | 1M | | CYDONIA: TOPO | 44 | 10 | RMC | 1976 | 988 |
| MARS | 1M | | ERYTHRAEUM: TOPO | -24 | 26 | RMC | 1976 | 986 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 1M | | NEREIDUM MONTES: TOPO | -45 | 42 | RMC | 1977 | 1002 |
| MARS | 1M | | CAPRI | - 4 | 39 | R | 1977 | 1026 |
| MARS | 1M | | CHRYSE | 20 | 34 | R | 1976 | 939 |
| MARS | 1M | | CHRYSE EAST | 22 | 35 | CMC | 1977 | 1069 |
| MARS | 1M | | CHRYSE WEST | 23 | 50 | CMC | 1977 | 1068 |
| MARS | 1M | | CYDONIA | 40 | 10 | R | 1975 | 946 |
| MARS | 1M | | ERYTHRAEUM | -24 | 26 | R | 1975 | 947 |
| MARS | 1M | | NEREIDUM MONTES | -45 | 42 | R | 1976 | 957 |
| MARS | 1M | | TRITONIUM LACUS | 20 | 252 | R | 1977 | 1055 |
| MARS | 1M | | UTOPIA | 46 | 230 | CMC | 1975 | 1061 |
| MARS | 500K | | NORTH KASEI VALLES, SITE 2A | | | G | 1991 | 2107 |
| MARS | 500K | | E. MANGALA VALLIS: SITE 1A | | | G | 1989 | 1962 |
| MARS | 500K | | TITHONIUM CHASMA: ORTHOPHOTO | - 6 | 85.5 | OMT | 1980 | 1294 |
| MARS | 500K | MTM 00057 | MAJA VALLES REGION | 0 | 57 | CM | 1985 | 1675 |
| MARS | 500K | MTM 00062 | MAJA VALLES REGION | 0 | 62 | CM | 1985 | 1677 |
| MARS | 500K | MTM 00067 | VALLES MARINERIS REGION | 0 | 67 | CM | 1984 | 1589 |
| MARS | 500K | MTM 00072 | VALLES MARINERIS REGION | 0 | 72 | CM | 1984 | 1599 |
| MARS | 500K | MTM 00077 | CANDOR MENSA REGION | 0 | 77 | CM | 1986 | 1840 |
| MARS | 500K | MTM 00112 | PAVONIS MONS REGION | 0 | 112 | CM | 1991 | 2249 |
| MARS | 500K | MTM 00117 | PAVONIS MONS REGION | 0 | 117 | CM | 1991 | 2248 |
| MARS | 500K | MTM 05047 | MAJA VALLES REGION | 5 | 47 | CM | 1985 | 1716 |
| MARS | 500K | MTM 05052 | MAJA VALLES REGION | 5 | 52 | CM | 1985 | 1720 |
| MARS | 500K | MTM 05057 | MAJA VALLES REGION | 5 | 57 | CM | 1985 | 1676 |
| MARS | 500K | MTM 05062 | MAJA VALLES REGION | 5 | 62 | CM | 1985 | 1678 |
| MARS | 500K | MTM 05067 | LUNAE PLANUM REGION | 5 | 67 | CM | 1987 | 1857 |
| MARS | 500K | MTM 05072 | LUNAE PLANUM REGION | 5 | 72 | CM | 1987 | 1862 |
| MARS | 500K | MTM 05077 | LUNAE PLANUM REGION | 5 | 77 | CM | 1987 | 1863 |
| MARS | 500K | MTM 05112 | PAVONIS MONS REGION | 5 | 112 | CM | 1991 | 2251 |
| MARS | 500K | MTM 05117 | PAVONIS MONS REGION | 5 | 117 | CM | 1991 | 2250 |
| MARS | 500K | MTM 10047 | MAJA VALLES REGION | 10 | 47 | CM | 1985 | 1717 |
| MARS | 500K | MTM 10052 | MAJA VALLES REGION | 10 | 52 | CM | 1985 | 1707 |
| MARS | 500K | MTM 10057 | MAJA VALLES REGION | 10 | 57 | CM | 1985 | 1695 |
| MARS | 500K | MTM 10062 | LUNAE PLANUM REGION | 10 | 62 | CM | 1988 | 1956 |
| MARS | 500K | MTM 10067 | LUNAE PLANUM REGION | 10 | 67 | CM | 1988 | 1954 |
| MARS | 500K | MTM 10072 | LUNAE PLANUM REGION | 10 | 72 | CM | 1987 | 1856 |
| MARS | 500K | MTM 10077 | KASEI VALLES REGION | 10 | 77 | CM | 1985 | 1722 |
| MARS | 500K | MTM 10102 | ASCREAUS MONS REGION | 10 | 102 | CM | 1991 | 2219 |
| MARS | 500K | MTM 10107 | ASCREAUS MONS REGION | 10 | 107 | CM | 1991 | 2220 |
| MARS | 500K | MTM 10137 | OLYMPUS MONS REGION | 10 | 137 | CM | 1991 | 2229 |
| MARS | 500K | MTM 15047 | MAJA VALLES REGION | 15 | 47 | CM | 1985 | 1718 |
| MARS | 500K | MTM 15052 | MAJA VALLES REGION | 15 | 52 | CM | 1985 | 1721 |
| MARS | 500K | MTM 15057 | MAJA VALLES REGION | 15 | 57 | CM | 1985 | 1694 |
| MARS | 500K | MTM 15062 | LUNAE PLANUM REGION | 15 | 62 | CM | 1988 | 1953 |
| MARS | 500K | MTM 15067 | LUNAE PLANUM REGION | 15 | 67 | CM | 1988 | 1955 |
| MARS | 500K | MTM 15072 | KASEI VALLES REGION | 15 | 72 | CM | 1986 | 1788 |
| MARS | 500K | MTM 15077 | KASEI VALLES REGION | 15 | 77 | CM | 1985 | 1723 |
| MARS | 500K | MTM 15127 | OLYMPUS MONS REGION | 15 | 127 | CM | 1991 | 2228 |
| MARS | 500K | MTM 15132 | OLYMPUS MONS REGION | 15 | 132 | CM | 1991 | 2227 |
| MARS | 500K | MTM 15132 | OLYMPUS RUPES: GEOLOGY | 15 | 132 | G | 1991 | 2001-2 |
| MARS | 500K | MTM 20047 | MAJA VALLES REGION | 20 | 47 | CM | 1985 | 1719 |
| MARS | 500K | MTM 20052 | MAJA VALLES REGION | 20 | 52 | CM | 1985 | 1693 |
| MARS | 500K | MTM 20057 | MAJA VALLES REGION | 20 | 57 | CM | 1985 | 1732 |
| MARS | 500K | MTM 20062 | KASEI VALLES REGION | 20 | 62 | CM | 1987 | 1868 |
| MARS | 500K | MTM 20067 | KASEI VALLES REGION | 20 | 67 | CM | 1986 | 1790 |
| MARS | 500K | MTM 20072 | KASEI VALLES REGION | 20 | 72 | CM | 1986 | 1789 |
| MARS | 500K | MTM 20077 | KASEI VALLES REGION | 20 | 77 | CM | 1986 | 1787 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 500K | MTM 20207 | ELYSIUM MONS REGION | 20 | 207 | CM | 1985 | 1746 |
| MARS | 500K | MTM 20212 | ELYSIUM MONS REGION | 20 | 212 | CM | 1985 | 1756 |
| MARS | 500K | MTM 20217 | ELYSIUM MONS REGION | 20 | 217 | CM | 1985 | 1748 |
| MARS | 500K | MTM 20222 | ELYSIUM MONS REGION | 20 | 222 | CM | 1985 | 1751 |
| MARS | 500K | MTM 20227 | ELYSIUM MONS REGION | 20 | 227 | CM | 1985 | 1753 |
| MARS | 500K | MTM 25047 | MAJA VALLES REGION | 25 | 47 | CM | 1985 | 1918 |
| MARS | 500K | MTM 25052 | KASEI VALLES REGION | 25 | 52 | CM | 1987 | 1869 |
| MARS | 500K | MTM 25057 | MAJA VALLES REGION | 25 | 57 | CM | 1988 | 1919 |
| MARS | 500K | MTM 25062 | KASEI VALLES REGION | 25 | 62 | CM | 1987 | 1870 |
| MARS | 500K | MTM 25062 | KASEI VALLES: REVISED | 25 | 62 | CM | 1991 | 2292 |
| MARS | 500K | MTM 25067 | LUNAE PLANUM REGION | 25 | 67 | CM | 1984 | 1587 |
| MARS | 500K | MTM 25067 | LUNAE PLANUM: REVISED | 25 | 67 | CM | 1991 | 2293 |
| MARS | 500K | MTM 25072 | LUNAE PLANUM REGION | 25 | 72 | CM | 1984 | 1588 |
| MARS | 500K | MTM 25077 | KASEI VALLES REGION | 25 | 77 | CM | 1986 | 1786 |
| MARS | 500K | MTM 25207 | ELYSIUM MONS REGION | 25 | 207 | CM | 1985 | 1747 |
| MARS | 500K | MTM 25212 | ELYSIUM MONS REGION | 25 | 212 | CM | 1985 | 1757 |
| MARS | 500K | MTM 25217 | ELYSIUM MONS REGION | 25 | 217 | CM | 1985 | 1749 |
| MARS | 500K | MTM 25222 | ELYSIUM MONS REGION | 25 | 222 | CM | 1985 | 1752 |
| MARS | 500K | MTM 25227 | ELYSIUM MONS REGION | 25 | 227 | CM | 1985 | 1754 |
| MARS | 500K | MTM 30207 | ELYSIUM MONS REGION | 30 | 207 | CM | 1986 | 1779 |
| MARS | 500K | MTM 30212 | ELYSIUM MONS REGION | 30 | 212 | CM | 1986 | 1780 |
| MARS | 500K | MTM 30217 | ELYSIUM MONS REGION | 30 | 217 | CM | 1985 | 1758 |
| MARS | 500K | MTM 30222 | ELYSIUM MONS REGION | 30 | 222 | CM | 1985 | 1759 |
| MARS | 500K | MTM 30227 | ELYSIUM MONS REGION | 30 | 227 | CM | 1986 | 1781 |
| MARS | 500K | MTM 35082 | MARIOTIS/TEMPE REGION | 35 | 82 | CM | 1991 | 2190 |
| MARS | 500K | MTM 35087 | MARIOTIS/TEMPE REGION | 35 | 87 | CM | 1991 | 2191 |
| MARS | 500K | MTM 35092 | MARIOTIS/TEMPE REGION | 35 | 92 | CM | 1991 | 2192 |
| MARS | 500K | MTM 35102 | ALBA PATERA REGION | 35 | 102 | CM | 1985* | 1733 |
| MARS | 500K | MTM 35102 | ALBA PATERA REGION: REVISED | 35 | 102 | CM | 1991 | 2262 |
| MARS | 500K | MTM 35107 | ALBA PATERA REGION | 35 | 107 | CM | 1985 | 1734 |
| MARS | 500K | MTM 35112 | ALBA PATERA REGION | 35 | 112 | CM | 1985 | 1735 |
| MARS | 500K | MTM 35117 | ALBA PATERA REGION | 35 | 117 | CM | 1985 | 1736 |
| MARS | 500K | MTM 35207 | ELYSIUM MONS REGION | 35 | 207 | CM | 1985 | 1770 |
| MARS | 500K | MTM 35212 | ELYSIUM MONS REGION | 35 | 212 | CM | 1985 | 1771 |
| MARS | 500K | MTM 35217 | ELYSIUM MONS REGION | 35 | 217 | CM | 1985 | 1750 |
| MARS | 500K | MTM 35222 | ELYSIUM MONS REGION | 35 | 222 | CM | 1985 | 1772 |
| MARS | 500K | MTM 35227 | ELYSIUM MONS REGION | 35 | 227 | CM | 1985 | 1755 |
| MARS | 500K | MTM 35292 | NILOSYRTIS MENSAE REGION | 35 | 292 | CM | 1988 | 1911 |
| MARS | 500K | MTM 35297 | NILOSYRTIS MENSAE REGION | 35 | 297 | CM | 1988 | 1912 |
| MARS | 500K | MTM 35302 | NILOSYRTIS MENSAE REGION | 35 | 302 | CM | 1988 | 1913 |
| MARS | 500K | MTM 40082 | MARIOTIS/TEMPE REGION | 40 | 82 | CM | 1991 | 2193 |
| MARS | 500K | MTM 40087 | MARIOTIS/TEMPE REGION | 40 | 87 | CM | 1991 | 2194 |
| MARS | 500K | MTM 40092 | MARIOTIS/TEMPE REGION | 40 | 92 | CM | 1991 | 2195 |
| MARS | 500K | MTM 40102 | ALBA PATERA REGION | 40 | 102 | CM | 1985 | 1737 |
| MARS | 500K | MTM 40107 | ALBA PATERA REGION | 40 | 107 | CM | 1985 | 1738 |
| MARS | 500K | MTM 40112 | ALBA PATERA REGION | 40 | 112 | CM | 1985 | 1739 |
| MARS | 500K | MTM 40117 | ALBA PATERA REGION | 40 | 117 | CM | 1985 | 1740 |
| MARS | 500K | MTM 40292 | NILOSYRTIS MENSAE REGION | 40 | 292 | CM | 1988 | 1914 |
| MARS | 500K | MTM 40297 | NILOSYRTIS MENSAE REGION | 40 | 297 | CM | 1988 | 1915 |
| MARS | 500K | MTM 40302 | NILOSYRTIS MENSAE REGION | 40 | 302 | CM | 1988 | 1916 |
| MARS | 500K | MTM 45062 | TEMPE FOSSAE REGION | 45 | 62 | CM | 1991 | 2187 |
| MARS | 500K | MTM 45067 | TEMPE FOSSAE REGION | 45 | 67 | CM | 1991 | 2188 |
| MARS | 500K | MTM 45102 | ALBA PATERA REGION | 45 | 102 | CM | 1985 | 1741 |
| MARS | 500K | MTM 45107 | ALBA PATERA REGION | 45 | 107 | CM | 1985 | 1742 |
| MARS | 500K | MTM 45112 | ALBA PATERA REGION | 45 | 112 | CM | 1985 | 1743 |
| MARS | 500K | MTM 45117 | ALBA PATERA REGION | 45 | 117 | CM | 1985 | 1744 |
| MARS | 500K | MTM 50063 | TEMPE FOSSAE REGION | 50 | 63 | CM | 1991 | 2189 |
| MARS | 500K | MTM 80030 | CHASMA BOREALE REGION | 80 | 30 | CM | 1986 | 1812 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 500K | MTM 80050 | CHASMA BOREALE: 2 SHEETS | 80 | 50 | CM | 1986 | 1836 |
| MARS | 500K | MTM 80070 | CHASMA BOREALE: 2 SHEETS | 80 | 70 | CM | 1986 | 1835 |
| MARS | 500K | MTM 80090 | CHASMA BOREALE: 2 SHEETS | 80 | 90 | CM | 1986 | 1811 |
| MARS | 500K | MTM 85040 | CHASMA BOREALE: 2 SHEETS | 85 | 40 | CM | 1986 | 1834 |
| MARS | 500K | MTM 85080 | CHASMA BOREALE: 2 SHEETS | 85 | 80 | CM | 1986 | 1837 |
| MARS | 500K | MTM -05062 | MAJA VALLES REGION | -5 | 62 | CM | 1985 | 1648 |
| MARS | 500K | MTM -05067 | VALLES MARINERIS REGION | -5 | 67 | CM | 1984 | 1590 |
| MARS | 500K | MTM -05072 | VALLES MARINERIS REGION | -5 | 72 | CM | 1984 | 1592 |
| MARS | 500K | MTM -05077 | CANDOR MENSA REGION | -5 | 77 | CM | 1986 | 1841 |
| MARS | 500K | MTM -05117 | ARSIA MONS REGION | -5 | 117 | CM | 1991 | 2216 |
| MARS | 500K | MTM -05122 | ARSIA MONS REGION | -5 | 122 | CM | 1991 | 2217 |
| MARS | 500K | MTM -05127 | ARSIA MONS REGION | -5 | 127 | CM | 1991 | 2218 |
| MARS | 500K | MTM -05147 | MANGALA VALLES REGION | -5 | 147 | CM | 1985 | 1664 |
| MARS | 500K | MTM -05152 | MANGALA VALLES REGION | -5 | 152 | CM | 1985 | 1665 |
| MARS | 500K | MTM -05157 | MANGALA VALLES REGION | -5 | 157 | CM | 1985 | 1666 |
| MARS | 500K | MTM -05182 | APOLLINARIS PATERA REGION | -5 | 182 | CM | 1986 | 1784 |
| MARS | 500K | MTM -05187 | APOLLINARIS PATERA REGION | -5 | 187 | CM | 1986 | 1785 |
| MARS | 500K | MTM -08157 | WEST MANGALA VALLES: GEOLOGY | -8 | 157 | G | 1991 | 2087 |
| MARS | 500K | MTM -10047 | GANGES CHASMA REGION | -10 | 47 | CM | 1991 | 2247 |
| MARS | 500K | MTM -10052 | GANGES CHASMA REGION | -10 | 52 | CM | 1991 | 2246 |
| MARS | 500K | MTM -10067 | VALLES MARINERIS REGION | -10 | 67 | CM | 1984 | 1591 |
| MARS | 500K | MTM -10072 | VALLES MARINERIS REGION | -10 | 72 | CM | 1984 | 1593 |
| MARS | 500K | MTM -10077 | CANDOR MENSA REGION | -10 | 77 | CM | 1986 | 1842 |
| MARS | 500K | MTM -10117 | ARSIA MONS REGION | -10 | 117 | CM | 1991 | 2221 |
| MARS | 500K | MTM -10122 | ARSIA MONS REGION | -10 | 122 | CM | 1991 | 2171 |
| MARS | 500K | MTM -10127 | ARSIA MONS REGION | -10 | 127 | CM | 1991 | 2172 |
| MARS | 500K | MTM -10147 | MANGALA VALLES REGION | -10 | 147 | CM | 1985 | 1696 |
| MARS | 500K | MTM -10152 | MANGALA VALLES REGION | -10 | 152 | CM | 1985 | 1652 |
| MARS | 500K | MTM -10157 | MANGALA VALLES REGION | -10 | 157 | CM | 1985 | 1653 |
| MARS | 500K | MTM -10172 | MEMNONIA STUDY AREA 6:GEOLOGY | -10 | 172 | G | 1991 | 2084 |
| MARS | 500K | MTM -10182 | APOLLINARIS PATERA REGION | -10 | 182 | CM | 1986 | 1782 |
| MARS | 500K | MTM -10187 | APOLLINARIS PATERA REGION | -10 | 187 | CM | 1986 | 1783 |
| MARS | 500K | MTM -15052 | CAPRI CHASMA REGION | -15 | 52 | CM | 1991 | 2245 |
| MARS | 500K | MTM -15147 | MANGALA VALLES REGION | -15 | 147 | CM | 1985 | 1697 |
| MARS | 500K | MTM -15182 | MA'ADIM VALLIS REGION | -15 | 182 | CM | 1991 | 2256 |
| MARS | 500K | MTM -15187 | MA'ADIM VALLIS REGION | -15 | 187 | CM | 1991 | 2257 |
| MARS | 500K | MTM -15192 | MA'ADIM VALLIS REGION | -15 | 192 | CM | 1991 | 2258 |
| MARS | 500K | MTM -20147 | MANGALA VALLES REGION | -20 | 147 | CM | 1985 | 1698 |
| MARS | 500K | MTM -20182 | MA'ADIM VALLIS REGION | -20 | 182 | CM | 1991 | 2259 |
| MARS | 500K | MTM -20187 | MA'ADIM VALLIS REGION | -20 | 187 | CM | 1991 | 2260 |
| MARS | 500K | MTM -20252 | TYRRHENA PATERA REGION | -20 | 252 | CM | 1991 | 2222 |
| MARS | 500K | MTM -20257 | TYRRHENA PATERA REGION | -20 | 257 | CM | 1991 | 2223 |
| MARS | 500K | MTM -25107 | CLARITAS FOSSAE REGION | -25 | 107 | CM | 1990 | 2060 |
| MARS | 500K | MTM -25182 | MA'ADIM VALLIS REGION | -25 | 182 | CM | 1991 | 2261 |
| MARS | 500K | MTM -25247 | TYRRHENA PATERA REGION | -25 | 247 | CM | 1990 | 2064 |
| MARS | 500K | MTM -25247 | TYRRHENA PATERA REGION | -25 | 247 | CM | 1990 | 2065 |
| MARS | 500K | MTM -25252 | TYRRHENA PATERA REGION | -25 | 252 | CM | 1990 | 2063 |
| MARS | 500K | MTM -25257 | TYRRHENA PATERA REGION | -25 | 257 | CM | 1991 | 2224 |
| MARS | 500K | MTM -30102 | CLARITAS FOSSAE REGION | -30 | 102 | CM | 1990 | 2061 |
| MARS | 500K | MTM -30262 | HADRIACA REGION | -30 | 262 | CM | 1990 | 2040 |
| MARS | 500K | MTM -30267 | HADRIACA REGION | -30 | 267 | CM | 1990 | 2039 |
| MARS | 500K | MTM -30272 | HADRIACA REGION | -30 | 272 | CM | 1990 | 2038 |
| MARS | 500K | MTM -35262 | HADRIACA REGION | -35 | 262 | CM | 1990 | 2037 |
| MARS | 500K | MTM -35267 | HADRIACA REGION | -35 | 267 | CM | 1990 | 2036 |
| MARS | 500K | MTM -35272 | HADRIACA REGION | -35 | 272 | CM | 1990 | 2042 |
| MARS | 500K | MTM -40262 | HADRIACA REGION | -40 | 262 | CM | 1990 | 2045 |
| MARS | 500K | MTM -40267 | HADRIACA REGION | -40 | 267 | CM | 1990 | 2043 |
| MARS | 500K | MTM -40272 | HADRIACA REGION | -40 | 272 | CM | 1990 | 2044 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 500K | MTM -50036 | ARGYRE PLANITIA REGION | -50 | 36 | CM | 1991 | 2253 |
| MARS | 500K | MTM -50043 | ARGYRE PLANITIA REGION | -50 | 43 | CM | 1991 | 2252 |
| MARS | 500K | MTM -55036 | ARGYRE PLANITIA REGION | -55 | 36 | CM | 1991 | 2255 |
| MARS | 500K | MTM -55043 | ARGYRE PLANITIA REGION | -55 | 43 | CM | 1991 | 2254 |
| MARS | 500K | MTM -80050 | PLANUM AUSTRALE REGION | -80 | 50 | CM | 1987 | 1859 |
| MARS | 500K | MTM -80070 | PLANUM AUSTRALE REGION | -80 | 70 | CM | 1987 | 1858 |
| MARS | 500K | MTM -80090 | PLANUM AUSTRALE REGION | -80 | 90 | CM | 1986 | 1838 |
| MARS | 500K | MTM -80250 | PLANUM AUSTRALE REGION | -80 | 250 | CM | 1986 | 1839 |
| MARS | 500K | MTM -80270 | PLANUM AUSTRALE REGION | -80 | 270 | CM | 1987 | 1877 |
| MARS | 500K | MTM -85040 | PLANUM AUSTRALE REGION | -85 | 40 | CM | 1986 | 1844 |
| MARS | 500K | MTM -85080 | PLANUM AUSTRALE REGION | -85 | 80 | CM | 1986* | 1845 |
| MARS | 500K | MTM -85080 | PLANUM AUSTRALE: REVISED | -85 | 80 | CM | 1991 | 2270 |
| MARS | 500K | MTM -85240 | PLANUM AUSTRALE REGION | -85 | 240 | CM | 1987 | 1889 |
| MARS | 500K | MTM -85280 | PLANUM AUSTRALE REGION | -85 | 280 | CM | 1986 | 1843 |
| MARS | 500K | MTM -90000 | PLANUM AUSTRALE REGION | -90 | 0 | CM | 1988* | 1917 |
| MARS | 500K | MTM -90000 | PLANUM AUSTRALE: GEOLOGY | -90 | 0 | G | 1991 | 2304 |
| MARS | 500K | MTM -90000 | PLANUM AUSTRALE: REVISED | -90 | 0 | CM | 1991 | 2269 |
| MARS | 250K | | CANBERRA HIGH-RES | 48 | 226 | CM | 1977 | 1060 |
| MARS | 250K | | CHRYSE HIGH-RES | 20 | 34 | CM | 1976 | 991 |
| MARS | 250K | | CYDONIA HIGH-RES | 44 | | CM | 1976 | 990 |
| MARS | 250K | | YORKTOWN HIGH-RES | 22 | 48 | CM | 1977 | 1059 |
| MARS | | | VIKING LANDER 1 PANORAMAS | | | M | 1982 | 1368-5 |
| MARS | | | VIKING LANDER 1 PANORAMAS | | | M | 1982 | 1367-5 |
| MARS | | | VIKING LANDER 1 PANORAMAS | | | M | 1980 | 1243-5 |
| MARS | | | VIKING LANDER 1 PANORAMAS | | | M | 1982 | 1366-5 |
| MARS | | | VIKING LANDER 2 PANORAMAS | | | M | 1984 | 1517-5 |
| MARS | | | VIKING LANDER 2 PANORAMAS | | | M | 1984 | 1516-5 |
| MARS | | | VIKING LANDER 2 PANORAMAS | | | M | 1984 | 1518-5 |
| MARS | | | VIKING LANDER 2 PANORAMAS | | | M | 1984 | 1515-5 |
| MARS | 1/256°/pxl | VOL. 1 | VASTITAS BOREALIS: CD ROM | 90 | --- | CM | 1991 | VO 2001 |
| MARS | 1/256°/pxl | VOL. 2 | XANTHE TERRA: CD ROM | 0 | 45 | CM | 1991 | VO 2002 |
| MARS | 1/256°/pxl | VOL. 3 | AMAZONIS PLANITIA: CD ROM | 0 | 135 | CM | 1991 | VO 2003 |
| MARS | 1/256°/pxl | VOL. 4 | ELYSIUM PLANITIA: CD ROM | 0 | 225 | CM | 1991 | VO 2004 |
| MARS | 1/256°/pxl | VOL. 5 | ARABIA TERRA: CD ROM | 0 | 315 | CM | 1991 | VO 2005 |
| MARS | 1/256°/pxl | VOL. 6 | PLANUM AUSTRALE: CD ROM | -90 | --- | CM | 1991 | VO 2006 |
| MARS | 1/64°/pxl | VOL. 7 | DIGITAL TOPOGRAPHIC MODEL: CD | | | CM | 1991 | VO 2007 |
| MERCURY | 32M | | RELIEF GLOBE OF MERCURY | | | R | 1981* | USGS |
| MERCURY | 15M | | GLOBAL: RELIEF | | | 1R | 1979 | 1149 |
| MERCURY | 15M | | GLOBAL: TOPO | | | 1RM | 1979 | 1171 |
| MERCURY | 10M | | GLOBAL: 1 HEMISPHERE | | | AN | 1987 | 1822 |
| MERCURY | 10M | | GLOBAL: MOSAIC | | | 1SM | 1974 | 903 |
| MERCURY | 5M | | CALORIS BASIN | 30 | 149 | R | 1979 | 1172 |
| MERCURY | 5M | H- 1 | BOREALIS | 90 | 0 | R | 1977 | 1056 |
| MERCURY | 5M | H- 1 | BOREALIS: GEOLOGY | 90 | 0 | G | 1984 | 1660 |
| MERCURY | 5M | H- 2 | VICTORIA | 45 | 45 | R | 1977 | 1057 |
| MERCURY | 5M | H- 2 | VICTORIA: GEOLOGY | 45 | 45 | G | 1983 | 1409 |
| MERCURY | 5M | H- 3 | SHAKESPEARE: GEOLOGY | 45 | 135 | G | 1983 | 1408 |
| MERCURY | 5M | H- 3/4 | SHAKESPEARE | 45 | 135 | R | 1977 | 1066 |
| MERCURY | 5M | H- 6 | KUIPER | 0 | 36 | R | 1976 | 960 |
| MERCURY | 5M | H- 6 | KUIPER: GEOLOGY | 0 | 36 | G | 1981 | 1233 |
| MERCURY | 5M | H- 7 | BEETHOVEN | 0 | 108 | R | 1977 | 1029 |
| MERCURY | 5M | H- 7 | BEETHOVEN: GEOLOGY | 0 | 108 | G | 1990 | 2048 |
| MERCURY | 5M | H- 8 | TOLSTOY | 0 | 180 | R | 1976 | 993 |
| MERCURY | 5M | H- 8 | TOLSTOY: GEOLOGY | 0 | 180 | G | 1980 | 1199 |
| MERCURY | 5M | H-11 | DISCOVERY | -45 | 45 | R | 1977 | 1030 |
| MERCURY | 5M | H-11 | DISCOVERY: GEOLOGY | -45 | 45 | G | 1984 | 1658 |
| MERCURY | 5M | H-12 | MICHELANGELO: GEOLOGY | -45 | 135 | G | 1984 | 1659 |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MERCURY | 5M | H-12/13 | MICHELANGELO | -45 | 135 | R | 1977 | 1067 |
| MERCURY | 5M | H-15 | BACH | -90 | 0 | R | 1976 | 959 |
| MERCURY | 5M | H-15 | BACH: GEOLOGY | -90 | 0 | G | 1990 | 2015 |
| MIMAS | 5M | | GLOBAL | | | 2AN | 1982 | 1489 |
| MIMAS | 5M | | GLOBAL | | | 1AN | 1981* | 1391 |
| MIMAS | 2M | | GLOBAL | | | 3AN | 1991 | 2155 |
| MIRANDA | 2M | | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-1/3 |
| MIRANDA | 2M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-1/3 |
| MOON | 32M | | RELIEF GLOBE OF THE MOON | | | R | 1981* | USGS |
| MOON | 11.6M | | THE EARTH'S MOON | 0&0 | 0&180 | AN | 1969 | NGS |
| MOON | 10.4M | | THE EARTH'S MOON | 0&0 | 0&180 | AN | 1976 | NGS |
| MOON | 10.0M | | RELIEF/ALBEDO GLOBE: USSR | | | AN | 1967? | USSR |
| MOON | 10.0M | LEM- 1A | REFERENCE MOSAIC: 1st ed. | | | 1CM | 1960* | ACIC |
| MOON | 10.0M | LEM- 1A | REFERENCE MOSAIC: 2nd ed. | | | 2CM | 1962* | ACIC |
| MOON | 10.0M | LEM- 1A | REFERENCE MOSAIC: 3rd ed. | | | 3CM | 1967? | ACIC |
| MOON | 10.0M | LFC- 2 | FARSIDE HEMISPHERE: RLF (OLD) | 0 | 180 | RN | 1967* | ACIC |
| MOON | 10.0M | LPC- 1 | GLOBAL: PLANNING CHART | | | RN | 1970 | ACIC |
| MOON | 8.5M | | RELIEF/ALBEDO GLOBE: NASA | | | AN | 1970? | ACIC |
| MOON | 5M | | CENTRAL FARSIDE: GEOLOGY | -- | -- | G | 1978 | 1047 |
| MOON | 5M | | EAST SIDE: GEOLOGY | -- | -- | G | 1977 | 948 |
| MOON | 5M | | LUNAR FARSIDE: RELIEF | 0 | 180 | R | 1980 | 1218B-2/2 |
| MOON | 5M | | LUNAR FARSIDE: TOPO | 0 | 180 | AN | 1980 | 1218A-1/2 |
| MOON | 5M | | LUNAR NEARSIDE: GEOLOGY | | | G | 1971 | 703 |
| MOON | 5M | | LUNAR NEARSIDE: RELIEF | 50/-50 | 0 | R | 1992 | 2276-2/2 |
| MOON | 5M | | LUNAR NEARSIDE: TOPO | 50/-50 | 0 | AN | 1992 | 2276-1/2 |
| MOON | 5M | | LUNAR NORTH SIDE: GEOLOGY | | | G | 1978 | 1062 |
| MOON | 5M | | LUNAR POLAR REGIONS: RELIEF | 90&-90 | 0 | R | 1981 | 1326B-2/2 |
| MOON | 5M | | LUNAR POLAR REGIONS: TOPO | 90&-90 | 0 | AN | 1981 | 1326A-1/2 |
| MOON | 5M | | LUNAR SOUTH SIDE: GEOLOGY | | | G | 1979 | 1162 |
| MOON | 5M | | LUNAR WEST SIDE: GEOLOGY | | | G | 1977 | 1034 |
| MOON | 5M | | ORIENTALE BASIN | -20 | 95 | R | 1978 | 1089 |
| MOON | 5M | | TOPO MAP: STEREOGRAPHIC | 0 | 0 | CM | 1964? | TOPOCOM |
| MOON | 5M | LEC- 1 | EARTHSIDE CHART: RELIEF (OLD) | 0 | 0 | RN | 1968* | ACIC |
| MOON | 5M | LEM- 1 | REFERENCE MOSAIC: 1st ed. | | | 1CM | 1960* | ACIC |
| MOON | 5M | LEM- 1 | REFERENCE MOSAIC: 2nd ed. | | | 2CM | 1962* | ACIC |
| MOON | 5M | LEM- 1 | REFERENCE MOSAIC: 3rd ed. | | | 3CM | 1966 | ACIC |
| MOON | 5M | LFC- 1 | FARSIDE CHART: RELIEF (OLD) | 0 | 180 | RN | 1967* | ACIC |
| MOON | 5M | LMP- 1 | EARTHSIDE CHART: RELIEF | 0 | 0 | RN | 1970 | ACIC |
| MOON | 5M | LMP- 2 | FARSIDE CHART: RELIEF | 0 | 180 | RN | 1970 | ACIC |
| MOON | 5M | LMP- 3 | POLAR CHARTS: RELIEF | 90&-90 | 0 | RN | 1970 | ACIC |
| MOON | 2.75M | LOC- 1 | PLANNING CHART: RELIEF | 0 | 90W | RT | 1971 | ACIC |
| MOON | 2.75M | LOC- 2 | PLANNING CHART: RELIEF | 0 | 0 | RT | 1971 | ACIC |
| MOON | 2.75M | LOC- 3 | PLANNING CHART: RELIEF | 0 | 90E | RT | 1971 | ACIC |
| MOON | 2.75M | LOC- 4 | PLANNING CHART: RELIEF | 0 | 180 | RT | 1971 | ACIC |
| MOON | 2.5M | | APOLLO ZONE PRIMARY SITES | 0 | 0 | CM | 1968? | TOPOCOM |
| MOON | 2.5M | | TOPO MAP: STEREOGRAPHIC | 0 | 0 | CM | 1962? | TOPOCOM |
| MOON | 2.5M | | LUNAR EQUATOR ZONE MOSAICS | 0 | 360 | CMN | 1969? | TOPOCOM-4 |
| MOON | 2.5M | | LUNAR EQUATOR ZONE MOSAICS | 0 | 360 | CMN | 1968? | TOPOCOM-4 |
| MOON | 2.5M | LEM- 1B | REFERENCE WALL MOSAIC: 1st ed | 0 | 0 | 1CM | 1963* | ACIC |
| MOON | 2.5M | LEM- 1B | REFERENCE WALL MOSAIC: 2nd ed | 0 | 0 | 2CM | 1966* | ACIC |
| MOON | 2.5M | LEM- 1B | REFERENCE WALL MOSAIC: 3rd ed | 0 | 0 | 3CM | 1969 | ACIC |
| MOON | 2.5M | LOC- 2 | PLANNING CHART: RELIEF (OLD) | 0 | 0 | RT | 1969* | ACIC |
| MOON | 2.5M | LOC- 3 | PLANNING CHART: RELIEF (OLD) | 0 | 90E | RT | 1969* | ACIC |
| MOON | 2.5M | LOC- 4 | PLANNING CHART: RELIEF (OLD) | 0 | 180 | RT | 1969* | ACIC |
| MOON | 2.0M | | TOPO MAP: STEREOGRAPHIC | 0 | 0 | CM | 1965? | TOPOCOM |
| MOON | 2.0M | LVC-20 | LANSBURG REGION | 0 | 10W | AN | 1962* | ACIC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 1M | LAC 11 | J. HERSCHEL: GEOLOGY | 54 | 35W | G | 1969 | 604 |
| MOON | 1M | LAC 11 | J. HERSCHEL: TOPO | 54 | 35W | AT | 1967 | ACIC |
| MOON | 1M | LAC 12 | PLATO: GEOLOGY | 54 | 5W | G | 1972 | 701 |
| MOON | 1M | LAC 12 | PLATO: TOPO | 54 | 5W | AT | 1967 | ACIC |
| MOON | 1M | LAC 13 | ARISTOTELES: GEOLOGY | 54 | 25E | G | 1972 | 725 |
| MOON | 1M | LAC 13 | ARISTOTELES: TOPO | 54 | 25E | AT | 1967 | ACIC |
| MOON | 1M | LAC 23 | RUMKER: GEOLOGY | 40 | 50W | G | 1973 | 805 |
| MOON | 1M | LAC 23 | RUMKER: TOPO | 40 | 50W | AT | 1967 | ACIC |
| MOON | 1M | LAC 24 | SINUS IRIDUM: GEOLOGY | 40 | 26W | G | 1969 | 602 |
| MOON | 1M | LAC 24 | SINUS IRIDUM: TOPO | 40 | 26W | AT | 1966* | ACIC |
| MOON | 1M | LAC 25 | CASSINI: GEOLOGY | 40 | 2W | G | 1970 | 666 |
| MOON | 1M | LAC 25 | CASSINI: TOPO | 40 | 2W | AT | 1966 | ACIC |
| MOON | 1M | LAC 26 | EUDOXUS: GEOLOGY | 40 | 22E | G | 1972 | 705 |
| MOON | 1M | LAC 26 | EUDOXUS: TOPO | 40 | 22E | AT | 1967 | ACIC |
| MOON | 1M | LAC 27 | GEMINUS: GEOLOGY | 40 | 46E | G | 1974 | 841 |
| MOON | 1M | LAC 27 | GEMINUS: TOPO | 40 | 46E | AT | 1967 | ACIC |
| MOON | 1M | LAC 38 | SELEUCUS: GEOLOGY | 24 | 60W | G | 1967 | 527 |
| MOON | 1M | LAC 38 | SELEUCUS: TOPO | 24 | 60W | AT | 1965 | ACIC |
| MOON | 1M | LAC 39 | ARISTARCHUS: GEOLOGY | 24 | 40W | G | 1965 | 465 |
| MOON | 1M | LAC 39 | ARISTARCHUS: TOPO | 24 | 40W | AT | 1963 | ACIC |
| MOON | 1M | LAC 40 | TIMOCHARIS: GEOLOGY | 24 | 20W | G | 1965 | 462 |
| MOON | 1M | LAC 40 | TIMOCHARIS: TOPO | 24 | 20W | AT | 1963 | ACIC |
| MOON | 1M | LAC 41 | MONTES APENNINES: TOPO | 24 | 0 | AT | 1963 | ACIC |
| MOON | 1M | LAC 41 | MONTES APENNINUS: GEOLOGY | 24 | 0 | G | 1966 | 463 |
| MOON | 1M | LAC 42 | MARE SERENITATIS: GEOLOGY | 24 | 20E | G | 1966 | 489 |
| MOON | 1M | LAC 42 | MARE SERENITATIS: TOPO | 24 | 20E | AT | 1965 | ACIC |
| MOON | 1M | LAC 43 | MACROBIUS: GEOLOGY | 24 | 40E | G | 1972 | 799 |
| MOON | 1M | LAC 43 | MACROBIUS: TOPO | 24 | 40E | AT | 1965 | ACIC |
| MOON | 1M | LAC 44 | CLEOMEDES: GEOLOGY | 24 | 60E | G | 1972 | 707 |
| MOON | 1M | LAC 44 | CLEOMEDES: TOPO | 24 | 60E | AT | 1965 | ACIC |
| MOON | 1M | LAC 56 | HEVELIUS: GEOLOGY | 8 | 60W | G | 1967 | 491 |
| MOON | 1M | LAC 56 | HEVELIUS: TOPO | 8 | 60W | AT | 1963 | ACIC |
| MOON | 1M | LAC 57 | KEPLER: GEOLOGY | 8 | 40W | G | 1962 | 355 |
| MOON | 1M | LAC 57 | KEPLER: TOPO | 8 | 40W | AT | 1962 | ACIC |
| MOON | 1M | LAC 58 | COPERNICUS: GEOLOGY | 8 | 20W | G | 1967 | 515 |
| MOON | 1M | LAC 58 | COPERNICUS: TOPO | 8 | 20W | AT | 1964 | ACIC |
| MOON | 1M | LAC 59 | MARE VAPORUM: GEOLOGY | 8 | 0 | G | 1968 | 548 |
| MOON | 1M | LAC 59 | MARE VAPORUM: TOPO | 8 | 0 | AT | 1966 | ACIC |
| MOON | 1M | LAC 60 | JULIUS CAESAR: GEOLOGY | 8 | 20E | G | 1967 | 510 |
| MOON | 1M | LAC 60 | JULIUS CAESAR: TOPO | 8 | 20E | AT | 1962 | ACIC |
| MOON | 1M | LAC 61 | TARUNTIUS: GEOLOGY | 8 | 40E | G | 1972 | 722 |
| MOON | 1M | LAC 61 | TARUNTIUS: TOPO | 8 | 40E | AT | 1963 | ACIC |
| MOON | 1M | LAC 62 | MARE UNDARUM: GEOLOGY | 8 | 60E | G | 1974 | 837 |
| MOON | 1M | LAC 62 | MARE UNDARUM: TOPO | 8 | 60E | AT | 1964 | ACIC |
| MOON | 1M | LAC 74 | GRIMALDI: GEOLOGY | -8 | 60W | G | 1973 | 740 |
| MOON | 1M | LAC 74 | GRIMALDI: TOPO | -8 | 60W | AT | 1962 | ACIC |
| MOON | 1M | LAC 75 | LETRONNE: GEOLOGY | -8 | 40W | G | 1963 | 385 |
| MOON | 1M | LAC 75 | LETRONNE: TOPO | -8 | 40W | AT | 1962 | ACIC |
| MOON | 1M | LAC 76 | MONTES RIPHAEUS: TOPO | -8 | 20W | AT | 1964 | ACIC |
| MOON | 1M | LAC 76 | RIPHAEUS MTS.: GEOLOGY | -8 | 20W | G | 1965 | 458 |
| MOON | 1M | LAC 77 | PTOLEMAEUS: GEOLOGY | -8 | 0 | G | 1968 | 566 |
| MOON | 1M | LAC 77 | PTOLEMAEUS: TOPO | -8 | 0 | AT | 1963 | ACIC |
| MOON | 1M | LAC 78 | THEOPHILUS: GEOLOGY | -8 | 20E | G | 1968 | 546 |
| MOON | 1M | LAC 78 | THEOPHILUS: TOPO | -8 | 20E | AT | 1963 | ACIC |
| MOON | 1M | LAC 79 | COLOMBO: TOPO | -8 | 40E | AT | 1963 | ACIC |
| MOON | 1M | LAC 79 | COLUMBUS: GEOLOGY | -8 | 40E | G | 1972 | 714 |
| MOON | 1M | LAC 80 | LANGRENUS: GEOLOGY | -8 | 60E | G | 1973 | 739 |
| MOON | 1M | LAC 80 | LANGRENUS: TOPO | -8 | 60E | AT | 1964 | ACIC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 1M | LAC 92 | BYRGIUS: GEOLOGY | -24 | 60W | G | 1973 | 755 |
| MOON | 1M | LAC 92 | BYRGIUS: TOPO | -24 | 60W | AT | 1966 | ACIC |
| MOON | 1M | LAC 93 | MARE HUMORUM: GEOLOGY | -24 | 40W | G | 1967 | 495 |
| MOON | 1M | LAC 93 | MARE HUMORUM: TOPO | -24 | 40W | AT | 1962 | ACIC |
| MOON | 1M | LAC 94 | PITATUS: GEOLOGY | -24 | 20W | G | 1966 | 485 |
| MOON | 1M | LAC 94 | PITATUS: TOPO | -24 | 20W | AT | 1964 | ACIC |
| MOON | 1M | LAC 95 | PURBACH: GEOLOGY | -24 | 0 | G | 1974 | 822 |
| MOON | 1M | LAC 95 | PURBACH: TOPO | -24 | 0 | AT | 1964 | ACIC |
| MOON | 1M | LAC 96 | RUPES ALTA: GEOLOGY | -24 | 20E | G | 1971 | 690 |
| MOON | 1M | LAC 96 | RUPES ATLAI: TOPO | -24 | 20E | AT | 1965 | ACIC |
| MOON | 1M | LAC 97 | FRACASTORIUS: GEOLOGY | -24 | 40E | G | 1972 | 720 |
| MOON | 1M | LAC 97 | FRACASTORIUS: TOPO | -24 | 40E | AT | 1965 | ACIC |
| MOON | 1M | LAC 98 | PETAVIUS: GEOLOGY | -24 | 60E | G | 1973 | 794 |
| MOON | 1M | LAC 98 | PETAVIUS: TOPO | -24 | 60E | AT | 1966 | ACIC |
| MOON | 1M | LAC 110 | SCHICKARD: GEOLOGY | -40 | 50W | G | 1974 | 823 |
| MOON | 1M | LAC 110 | SCHICKARD: TOPO | -40 | 50W | AT | 1967 | ACIC |
| MOON | 1M | LAC 111 | WILHELM: GEOLOGY | -40 | 26W | G | 1974 | 824 |
| MOON | 1M | LAC 111 | WILHELM: TOPO | -40 | 26W | AT | 1967 | ACIC |
| MOON | 1M | LAC 112 | TYCHO: GEOLOGY | -40 | 2W | G | 1972 | 713 |
| MOON | 1M | LAC 112 | TYCHO: TOPO | -40 | 2W | AT | 1967 | ACIC |
| MOON | 1M | LAC 113 | MAUROLYCUS: GEOLOGY | -40 | 22E | G | 1972 | 695 |
| MOON | 1M | LAC 113 | MAUROLYCUS: TOPO | -40 | 22E | AT | 1966 | ACIC |
| MOON | 1M | LAC 114 | RHEITA: GEOLOGY | -40 | 46E | G | 1971 | 694 |
| MOON | 1M | LAC 114 | RHEITA: TOPO | -40 | 46E | AT | 1966 | ACIC |
| MOON | 1M | LAC 125 | SCHILLER: GEOLOGY | -54 | 35W | G | 1971 | 691 |
| MOON | 1M | LAC 125 | SCHILLER: TOPO | -54 | 35W | AT | 1967 | ACIC |
| MOON | 1M | LAC 126 | CLAVIUS: GEOLOGY | -54 | 5W | G | 1971 | 706 |
| MOON | 1M | LAC 126 | CLAVIUS: TOPO | -54 | 5W | AT | 1967 | ACIC |
| MOON | 1M | LAC 127 | HOMMEL: GEOLOGY | -54 | 25E | G | 1972 | 702 |
| MOON | 1M | LAC 127 | HOMMEL: TOPO | -54 | 25E | AT | 1967 | ACIC |
| MOON | 1M | LM 38 | SELEUCCUS: TOPO | 24 | 60W | R | 1979 | DMA |
| MOON | 1M | LM 39 | ARISTARCHUS: TOPO | 24 | 40W | R | 1978 | DMA |
| MOON | 1M | LM 41 | MONTES APENNINUS: TOPO | 24 | 0 | AN | 1976 | DMAAC |
| MOON | 1M | LM 42 | MARE SERENITATIS: RELIEF | 24 | 20E | AN | 1976 | DMAAC |
| MOON | 1M | LM 60 | JULIUS CAESAR: RELIEF | 8 | 20E | R | 1979 | DMA |
| MOON | 1M | LM 62 | MARE UNDARUM: RELIEF | 8 | 60E | R | 1979 | DMA |
| MOON | 1M | LM 76 | MONTES RIPHEAUS: RELIEF | -8 | 20W | R | 1979 | DMA |
| MOON | 1M | LM 77 | PTOLEMAEUS: RELIEF | -8 | 0 | R | 1979 | DMA |
| MOON | 1M | LM 78 | THEOPHILUS: RELIEF | -8 | 20E | R | 1978 | DMA |
| MOON | 1M | LM 103 | O'DAY: RELIEF | -24 | 160E | R | 1978 | DMA |
| MOON | 1M | LM 104 | VAN DE GRAFF: RELIEF | -24 | 180 | R | 1978 | DMA |
| MOON | 1M | RLC 1 | MARE COGNITUM: RELIEF | - 8 | 20W | RT | 1964* | ACIC |
| MOON | 1M | RLC 6 | HYPATIA: RELIEF | - 1 | 20E | RT | 1966* | ACIC |
| MOON | 1M | RLC 13 | PTOLEMAEUS: RELIEF | - 8 | 0 | RT | 1966* | ACIC |
| MOON | 500K | AIC 57C | ENCKE: TOPO | 4 | 35W | AN | 1966* | ACIC |
| MOON | 500K | AIC 57D | MAESTLIN: TOPO | 4 | 45W | AN | 1966* | ACIC |
| MOON | 500K | AIC 58C | GAMBART: TOPO 1st ed. | 4 | 15W | 1AN | 1965* | ACIC |
| MOON | 500K | AIC 58C | GAMBART: TOPO 2nd ed. | 4 | 25W | 2AN | 1966* | ACIC |
| MOON | 500K | AIC 59C | TRIESNECKER: TOPO | 4 | 5E | AN | 1966* | ACIC |
| MOON | 500K | AIC 59D | PALLAS: TOPO | 4 | 5W | AN | 1966* | ACIC |
| MOON | 500K | AIC 60C | ARAGO: TOPO | 4 | 25E | AN | 1966* | ACIC |
| MOON | 500K | AIC 60D | AGRIPPA: TOPO 1st ed. | 4 | 15E | 1AN | 1965* | ACIC |
| MOON | 500K | AIC 60D | AGRIPPA: TOPO 2nd ed. | 4 | 15E | 2AN | 1966* | ACIC |
| MOON | 500K | AIC 61C | SECCHI: TOPO | 4 | 45E | AN | 1967* | ACIC |
| MOON | 500K | AIC 61D | MASKELYNE D: TOPO | 4 | 35E | AN | 1966* | ACIC |
| MOON | 500K | AIC 75A | FLAMSTEED: TOPO | -4 | 45W | AN | 1966* | ACIC |
| MOON | 500K | AIC 75B | WICHMANN: TOPO | -4 | 35W | AN | 1966* | ACIC |
| MOON | 500K | AIC 76A | EUCLIDES P: TOPO | -4 | 25W | AN | 1966* | ACIC |
| MOON | 500K | AIC 76B | FRA MAURO: TOPO | -4 | 15W | AN | 1966* | ACIC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 500K | AIC 77A | FLAMMARION: TOPO 1st ed | -4 | 5W | 1AN | 1965* | ACIC |
| MOON | 500K | AIC 77A | FLAMMARION: TOPO 2nd ed | -4 | 5W | 2AN | 1966* | ACIC |
| MOON | 500K | AIC 77B | HIPPARCHUS: TOPO | -4 | 5E | AN | 1966* | ACIC |
| MOON | 500K | AIC 78A | DELAMBRE: TOPO | -4 | 15E | AN | 1966* | ACIC |
| MOON | 500K | AIC 78B | TORRICELLI: TOPO | -4 | 25E | AN | 1966* | ACIC |
| MOON | 500K | AIC 79A | CAPELLA: TOPO | -4 | 35E | AN | 1966* | ACIC |
| MOON | 500K | AIC 79B | MESSIER: TOPO | -4 | 45E | AN | 1966* | ACIC |
| MOON | 500K | RLC 2 | GUERICKE: RELIEF | -12 | 14.5 W | RT | 1964* | ACIC |
| MOON | 250K | | ALPHONSUS: GEOLOGY | | | G | 1969 | 599 |
| MOON | 250K | | APENNINE HADLEY: GEOLOGY | | | G | 1971 | 723-1/2 |
| MOON | 250K | | CENSORINUS: GEOLOGY | | | G | 1973 | 811 |
| MOON | 250K | | COPERNICUS CRATER: GEOLOGY | -- | -- | G | 1975 | 840 |
| MOON | 250K | | DESCARTES: GEOLOGY | | | G | 1972 | 748-1/2 |
| MOON | 250K | | FRA MAURO: GEOLOGY | | | G | 1970 | 708-1/2 |
| MOON | 250K | | TAURUS LITTROW: GEOLOGY | | | G | 1972 | 800-2/2 |
| MOON | 250K | | HYGINUS: GEOLOGY | -- | -- | G | 1976 | 945 |
| MOON | 250K | | TAURUS LITTROW TOPO PHOTOMP | 21.2 | 31.0E | CMT | 1977? | DMATC |
| MOON | 250K | LO 38B1 | HUMASON: ORTHO | 30 | 57.5W | OM | 1973 | DMATC |
| MOON | 250K | LO 38B2 | NIELSEN: ORTHO | 30 | 52.5W | OM | 1975 | DMATC |
| MOON | 250K | LO 38B3 | FREUD: ORTHO | 26 | 52.5W | OM | 1973 | DMATC |
| MOON | 250K | LO 38B4 | ZINNER: ORTHO | 26 | 57.5W | OM | 1973 | DMATC |
| MOON | 250K | LO 39A1 | KRIEGER: ORTHO | 30 | 47.5W | OM | 1973 | DMATC |
| MOON | 250K | LO 39A2 | ANGSTOM: ORTHO | 30 | 42.5W | OM | 1973 | DMATC |
| MOON | 250K | LO 39A3 | PRINZ: ORTHO | 26 | 42.5W | OM | 1973 | DMATC |
| MOON | 250K | LO 39A4 | VAISALA: ORTHO | 26 | 47.5W | OM | 1973 | DMATC |
| MOON | 250K | LO 39B1 | FEDEROV: ORTHO | 30 | 37.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 39B2 | DELISLE: ORTHO | 30 | 32.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 39B3 | DIOPHANTUS: ORTHO | 26 | 37.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 39B4 | ARTSIMOVICH: ORTHO | 26 | 37.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 39C1 | BRAYLEV: ORTHO | 22 | 37.5W | OM | 1975 | DMATC |
| MOON | 250K | LO 39C2 | MONS VINOGRADOV: ORTHO | 22 | 32.5W | OM | 1979 | DMATC |
| MOON | 250K | LO 40A1 | CAVENTOU: ORTHO | 30 | 27.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 40A2 | MCDONALD: ORTHO | 30 | 22.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 40A3 | LAMBERT: ORTHO | 26 | 22.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 40A4 | LA HIRE: ORTHO | 26 | 27.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 40B1 | SAMPSON: ORTHO | 30 | 17.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 40B2 | LANDSTEINER: ORTHO | 30 | 12.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 40B3 | KOVALEVSKIJ: ORTHO | 26 | 12.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 40B4 | HEINRICH: ORTHO | 26 | 17.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 40C2 | PUPIN: ORTHO | 22 | 12.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 40D1 | EULER: ORTHO | 22 | 27.5W | OM | 1976 | DMATC |
| MOON | 250K | LO 40D2 | PYTHEAS: ORTHO | 22 | 22.5W | OM | 1976 | DMATC |
| MOON | 250K | LO 41A3 | SPURR: ORTHO | 26 | 2.5W | OM | 1973 | DMATC |
| MOON | 250K | LO 41A4 | BEER: ORTHO | 26 | 7.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 41B3 | JOY: ORTHO | 26 | 7.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 41B4 | HADLEY: ORTHO | 26 | 2.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 41C1 | CONON: ORTHO | 22 | 2.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 41C2 | GALEN: ORTHO | 22 | 7.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 41C3 | BOWEN: ORTHO | 18 | 7.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 41C4 | YANGEL: ORTHO | 18 | 2.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 41D1 | WALLACE: ORTHO | 22 | 7.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 41D2 | HUXLEY: ORTHO | 22 | 2.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 42A3 | BANTING: ORTHO | 26 | 17.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 42A4 | LINNE: ORTHO | 26 | 12.5E | OM | 1974* | DMATC |
| MOON | 250K | LO 42A4 | LINNE: ORTHO 2nd ED. | 26 | 12.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 42B3 | VERY: ORTHO | 26 | 27.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 42B4 | SARABHAI: ORTHO | 26 | 22.5E | OM | 1974 | DMATC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 250K | LO 42C1 | DESEILLIGNY: ORTHO | 22 | 22.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 42C2 | CLERKE: ORTHO | 22 | 27.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 42C3 | DAWES: ORTHO | 18 | 27.5E | OM | 1974* | DMATC |
| MOON | 250K | LO 42C3 | DAWES: ORTHO 2nd ED. | 18 | 27.5E | OM | 1975 | DMATC |
| MOON | 250K | LO 42C4 | BRACKETT: ORTHO | 18 | 22.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 42D1 | HORNSBY: ORTHO | 22 | 12.5E | OM | 1973* | DMATC |
| MOON | 250K | LO 42D1 | HORNSBY: ORTHO 2nd ED. | 22 | 12.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 42D2 | BESSEL: ORTHO | 22 | 17.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 42D3 | MENELAUS: ORTHO | 18 | 17.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 42D4 | SULPICIUS GALLUS: ORTHO | 18 | 12.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 43A4 | le MONNIER: ORTHO | 26 | 32.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 43C1 | HILL: ORTHO | 22 | 42.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 43C2 | MACROBIUS: ORTHO | 22 | 47.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 43C3 | PROCLUS: ORTHO | 18 | 47.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 43C4 | CARMICHAEL: ORTHO | 18 | 42.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 43D1 | LITTROW: ORTHO | 22 | 32.5E | OM | 1974* | DMATC |
| MOON | 250K | LO 43D1 | LITTROW: ORTHO 2nd ED. | 22 | 32.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 43D2 | FRANCK: ORTHO | 22 | 37.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 43D3 | THEOPHRASTUS: ORTHO | 18 | 37.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 43D4 | VITRUVIUS: ORTHO | 18 | 32.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 44D3 | ECKERT: ORTHO | 18 | 57.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 44D4 | PEIRCE: ORTHO | 18 | 52.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 60A1 | DAUBREE: ORTHO | 14 | 12.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 60A2 | AUWERS: ORTHO | 14 | 17.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 60B1 | PLINIUS: ORTHO | 14 | 22.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 60B2 | JANSEN: ORTHO | 14 | 27.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 60B3 | CARREL: ORTHO | 10 | 27.5E | OM | 1977 | DMATC |
| MOON | 250K | LO 60B4 | ROSS: ORTHO | 10 | 22.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 61A1 | CAJAL: ORTHO | 14 | 32.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 61A2 | LUCIAN: ORTHO | 14 | 37.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 61A3 | CAUCHY: ORTHO | 10 | 37.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 61A4 | _____: ORTHO | 10 | 32.5E | OM | ____ | DMATC |
| MOON | 250K | LO 61B1 | LYELL: ORTHO | 14 | 42.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 61B2 | GLAISHER: ORTHO | 14 | 47.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 61B3 | WATTS: ORTHO | 10 | 47.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 61B4 | DA VINCI: ORTHO | 10 | 42.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 61C1 | LAWRENCE: ORTHO | 6 | 42.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 61C2 | CAMERON: ORTHO | 6 | 47.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 61C3 | AMVILLE: ORTHO | 2 | 47.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 61C4 | SECCHI: ORTHO | 2 | 42.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 61D1 | WALLACH: ORTHO | 6 | 32.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 61D2 | ARYABHATA: ORTHO | 6 | 37.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 61D3 | MENZEL: ORTHO | 2 | 37.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 61D4 | MASKELYNE ORIENTALIS: ORTHO | 2 | 32.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 62A1 | YERKES: ORTHO | 14 | 52.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62A2 | CURTIS: ORTHO | 14 | 57.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62A3 | SHAPLEY: ORTHO | 10 | 57.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62A4 | TEBBUTT: ORTHO | 10 | 52.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62B1 | FAHRENHEIT: ORTHO | 14 | 62.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62B2 | CONDORCET: ORTHO | 14 | 67.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62B3 | KROGH: ORTHO | 10 | 67.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62B4 | AUZOT: ORTHO | 10 | 62.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62C1 | FIRMICUS: ORTHO | 6 | 62.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62C2 | DUBYAGO: ORTHO | 6 | 67.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62C3 | POMORTSEV: ORTHO | 2 | 67.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62C4 | CONDON: ORTHO | 2 | 62.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62D1 | ABBOT: ORTHO | 6 | 52.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62D2 | DALY: ORTHO | 6 | 57.5E | OM | 1974 | DMATC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 250K | LO 62D3 | AMEGHINO: ORTHO | 2 | 57.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 62D4 | SMITHSON: ORTHO | 2 | 52.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 63A2 | SABATIER: ORTHO | 14 | 77.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 63A3 | WILDT: ORTHO | 10 | 77.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 63A4 | CONDORCET: ORTHO | 10 | 72.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 63B1 | THEILER: ORTHO | 14 | 82.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 63B2 | GODDARD: ORTHO | 14 | 87.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 63B3 | JANSKY: ORTHO | 10 | 87.5E | OM | 1975 | DMATC |
| MOON | 250K | LO 63B4 | VIRCHOW: ORTHO | 10 | 82.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 63C1 | KNOX-SHAW: ORTHO | 6 | 82.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 63C2 | TACHINNI: ORTHO | 6 | 87.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 63C3 | PEEK: ORTHO | 2 | 87.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 63C4 | SCHUBERT: ORTHO | 2 | 82.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 63D1 | BOETHIUS: ORTHO | 6 | 72.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 63D2 | BANACHIEWICZ: ORTHO | 6 | 77.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 63D3 | NOBILI: ORTHO | 2 | 77.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 63D4 | RESPIGHI: ORTHO | 2 | 72.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 64D1 | NUNN: ORTHO | 14 | 92.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 64D2 | ERRO: ORTHO | 14 | 97.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 64D3 | FOX: ORTHO | 10 | 97.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 64D4 | MCADIE: ORTHO | 10 | 92.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 65A3 | GUYOT: ORTHO | 10 | 117.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 65B4 | RECHT: ORTHO | 10 | 122.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 65C1 | KING: ORTHO | 6 | 122.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 65C4 | ZANSTRA: ORTHO | 2 | 122.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 65D2 | KATCHALSKY: ORTHO | 6 | 117.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 65D3 | ABULWAFA: ORTHO | 2 | 117.5E | OM | 1975 | DMATC |
| MOON | 250K | LO 66A3 | RUTHERFORD: ORTHO | 10 | 137.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 66B4 | GLAUBER: ORTHO | 10 | 142.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 66C1 | FISCHER: ORTHO | 6 | 142.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 66D2 | BERGMAN: ORTHO | 6 | 137.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 75C1 | SCHEELE: ORTHO | -10 | 37.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 75C2 | NORMAN: ORTHO | -10 | 32.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 75D2 | WINTHROP: ORTHO | -10 | 42.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 76C1 | BONPLAND: ORTHO | -10 | 17.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 76C2 | GUERICKE: ORTHO | -10 | 12.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 76D1 | EPPINGER: ORTHO | -10 | 27.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 76D2 | KUIPER: ORTHO | -10 | 22.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 77A3 | HERSCHEL: ORTHO | -6 | 2.5W | OM | 1979 | DMATC |
| MOON | 250K | LO 77B3 | HIPPARCHUS: ORTHO | -6 | 7.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 77B4 | GLYDEN: ORTHO | -6 | 2.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 77C1 | ALBATEGNIUS: ORTHO | -10 | 2.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 77C2 | HALLEY: ORTHO | -10 | 7.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 77D1 | DAVY: ORTHO | -10 | 7.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 77D2 | AMMONIUS: ORTHO | -10 | 2.5W | OM | 1974 | DMATC |
| MOON | 250K | LO 78A3 | ALFRAGNUS: ORTHO | -6 | 17.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 78A4 | LINDSAY: ORTHO | -6 | 12.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 78B3 | TORRICELLI: ORTHO | -6 | 27.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 78B4 | HYPATIA: ORTHO | -6 | 22.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 78C1 | KANT: ORTHO | -10 | 22.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 78C2 | MADLER: ORTHO | -10 | 27.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 78D1 | ANDEL: ORTHO | -10 | 12.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 78D2 | DESCARTES: ORTHO | -10 | 17.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 79A2 | LEAKEY: ORTHO | -2 | 37.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 79A3 | CAPELLA: ORTHO | -6 | 37.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 79A4 | ISIDORUS: ORTHO | -6 | 32.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 79B1 | LUBBOCK: ORTHO | -2 | 42.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 79B2 | MESSIER: ORTHO | -2 | 47.5E | OM | 1974 | DMATC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 250K | LO 79B3 | AMONTONS: ORTHO | - 6 | 47.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 79B4 | GUTENBERG: ORTHO | - 6 | 42.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 79D1 | DAGUERRE: ORTHO | -10 | 32.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 79D2 | GAUDIBERT: ORTHO | -10 | 37.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 80A1 | GEIKIE: ORTHO | - 2 | 52.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 80A2 | WEBB: ORTHO | - 2 | 57.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 80A3 | BILHARZ: ORTHO | - 6 | 57.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 80A4 | LINDBERGH: ORTHO | - 6 | 52.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 80B1 | MORLEY: ORTHO | - 2 | 62.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 80B2 | MACLAURIN: ORTHO | - 2 | 67.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 80B3 | BORN: ORTHO | - 6 | 67.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 80B4 | ACOSTA: ORTHO | - 6 | 62.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 80C1 | SOMERVILLE: ORTHO | -10 | 62.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 80C2 | BARKLA: ORTHO | -10 | 67.5E | OM | 1977 | DMATC |
| MOON | 250K | LO 80D2 | AL-MARRAKUSHI: ORTHO | -10 | 57.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 81A1 | RANKINE: ORTHO | - 2 | 72.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 81A2 | GILBERT: ORTHO | - 2 | 77.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 81A3 | KASTNER: ORTHO | - 6 | 77.5E | OM | 1975 | DMATC |
| MOON | 250K | LO 81A4 | VON BEHRING: ORTHO | - 6 | 72.5E | OM | 1975 | DMATC |
| MOON | 250K | LO 81B1 | HALDANE: ORTHO | - 2 | 82.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 81B2 | RUNGE: ORTHO | - 2 | 87.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 81B3 | WIDMANNSTATTEN: ORTHO | - 6 | 87.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 81B4 | KIESS: ORTHO | - 6 | 82.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 81C1 | KREIKEN: ORTHO | -10 | 82.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 81C2 | HOUTERMANS: ORTHO | -10 | 87.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 81D1 | KAPTEYN: ORTHO | -10 | 72.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 81D2 | LA PEROUSE: ORTHO | -10 | 77.5E | OM | 1977 | DMATC |
| MOON | 250K | LO 82A1 | PURKYNE: ORTHO | - 2 | 92.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 82A2 | WYLD: ORTHO | - 2 | 97.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 82A3 | LUDWIG: ORTHO | - 6 | 97.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 82A4 | HIRAYAMA: ORTHO | - 6 | 92.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 82D1 | BRUNNER: ORTHO | -10 | 92.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 82D2 | GANSKIJ: ORTHO | -10 | 97.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 83B4 | NECHO: ORTHO | - 6 | 122.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 83C1 | DANJON: ORTHO | -10 | 122.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 83C3 | DOBROVOLSHIJ: ORTHO | -14 | 127.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 83C4 | DELPORTE: ORTHO | -14 | 122.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 83D2 | SHERRINGTON: ORTHO | -10 | 117.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 84B3 | TAMM: ORTHO | - 6 | 147.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 84D4 | VOLKOV: ORTHO | -14 | 132.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 85A4 | CHAPLYGIN: ORTHO | - 6 | 152.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 85C1 | PLANTE: ORTHO | -10 | 162.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 85C2 | HEAVISIDE: ORTHO | -10 | 167.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 85C3 | IBN HAYYAN: ORTHO | -14 | 167.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 86D4 | AITKEN BOREALIS: ORTHO | -14 | 172.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 100A1 | SKLODOWSKA OCCIDENTALIS | -18 | 92.5E | OM | 1977 | DMATC |
| MOON | 250K | LO 100A2 | DKLODOWSKA ORIENTALIS: ORTHO | -18 | 97.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 100C1 | TITIUS: ORTHO | -22 | 102.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 101B1 | LITKE: ORTHO | -18 | 122.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 101B2 | TSIOLKOVSKIJ BOREALIS: ORTHO | -18 | 127.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 101B3 | TSIOLKOVSKIJ AUSTRALIS: ORTHO | -22 | 127.5E | OM | 1979 | DMATC |
| MOON | 250K | LO 101B4 | BABAKIN: ORTHO | -22 | 122.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 101C1 | NEUJMIN: ORTHO | -26 | 122.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 101C2 | WATERMAN: ORTHO | -26 | 127.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 102A1 | PATSAEV: ORTHO | -18 | 132.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 102A4 | FESENKOV: ORTHO | -22 | 132.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 102B2 | ISAEV: ORTHO | -18 | 147.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 102B3 | ANDRONOV: ORTHO | -22 | 147.5E | OM | 1974 | DMATC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 250K | LO 102D1 | STARK: ORTHO | -26 | 132.5E | OM | 1973 | DMATC |
| MOON | 250K | LO 103A1 | GRAVE: ORTHO | -18 | 152.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 103A4 | RASPLETIN: ORTHO | -22 | 152.5E | OM | 1974 | DMATC |
| MOON | 250K | LO 103B2 | ZWICKY: ORTHO | -18 | 167.5E | OM | 1976 | DMATC |
| MOON | 250K | LO 104A1 | AITKEN AUSTRALIS: ORTHO | -18 | 172.5E | OM | 1976 | DMATC |
| MOON | 250K | LTO 38B1 | HUMASON: TOPO 1st ED. | 30 | 57.5W | OMT | 1973* | DMATC |
| MOON | 250K | LTO 38B1 | HUMASON: TOPO 2nd ED. | 30 | 57.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 38B2 | NIELSEN: TOPO 1st ED. | 30 | 52.5W | OMT | 1973* | DMATC |
| MOON | 250K | LTO 38B2 | NIELSEN: TOPO 2nd ED. | 30 | 52.5W | OMT | 1974* | DMATC |
| MOON | 250K | LTO 38B2 | NIELSEN: TOPO 4th ED. | 30 | 52.5W | OMT | 1975 | DMATC |
| MOON | 250K | LTO 38B3 | FREUD: TOPO 1st ED. | 26 | 52.5W | OMT | 1973* | DMATC |
| MOON | 250K | LTO 38B3 | FREUD: TOPO 2nd ED. | 26 | 52.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 38B4 | ZINNER: TOPO 1st ED. | 26 | 57.5W | OMT | 1973* | DMATC |
| MOON | 250K | LTO 38B4 | ZINNER: TOPO 2nd ED. | 26 | 57.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 39A1 | KRIEGER: TOPO | 30 | 47.5W | OMT | 1973 | DMATC |
| MOON | 250K | LTO 39A2 | ANGSTOM: TOPO | 30 | 42.5W | OMT | 1973 | DMATC |
| MOON | 250K | LTO 39A3 | PRINZ: TOPO 1st ED. | 26 | 42.5W | OMT | 1973* | DMATC |
| MOON | 250K | LTO 39A3 | PRINZ: TOPO 2nd ED. | 26 | 42.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 39A4 | VAISALA: TOPO 1st ED. | 26 | 47.5W | OMT | 1973* | DMATC |
| MOON | 250K | LTO 39A4 | VAISALA: TOPO 2nd ED. | 26 | 47.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 39B1 | FEDEROV: TOPO | 30 | 37.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 39B2 | DELISLE: TOPO | 30 | 32.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 39B3 | DIOPHANTUS: TOPO | 26 | 37.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 39B4 | ARTSIMOVICH: TOPO | 26 | 37.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 39C1 | BRAYLEV: TOPO | 22 | 37.5W | OMT | 1975 | DMATC |
| MOON | 250K | LTO 39C2 | MONS VINOGRADOV: TOPO | 22 | 32.5W | OMT | 1979 | DMATC |
| MOON | 250K | LTO 40A1 | CAVENTOU: TOPO | 30 | 27.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 40A2 | MCDONALD: TOPO | 30 | 22.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 40A3 | LAMBERT: TOPO | 26 | 22.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 40A4 | LA HIRE: TOPO | 26 | 27.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 40B1 | SAMPSON: TOPO | 30 | 17.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 40B2 | LANDSTEINER: TOPO | 30 | 12.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 40B3 | KOVALEVSKIJ: TOPO | 26 | 12.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 40B4 | HEINRICH: TOPO | 26 | 17.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 40C2 | PUPIN: TOPO | 22 | 12.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 40D1 | EULER: TOPO | 22 | 27.5W | OMT | 1976 | DMATC |
| MOON | 250K | LTO 40D2 | PYTHEAS: TOPO | 22 | 22.5W | OMT | 1976 | DMATC |
| MOON | 250K | LTO 41A3 | SPURR: TOPO | 26 | 2.5W | OMT | 1973* | DMATC |
| MOON | 250K | LTO 41A3 | SPURR: TOPO 2nd ED. | 26 | 2.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 41A4 | BEER: TOPO | 26 | 7.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 41B3 | JOY: TOPO | 26 | 7.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 41B4 | HADLEY: TOPO 1st ED. | 26 | 2.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 41B4 | HADLEY: TOPO 2nd ED. | 26 | 2.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 41C1 | CONON: TOPO | 22 | 2.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 41C2 | GALEN: TOPO | 22 | 7.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 41C3 | BOWEN: TOPO | 18 | 7.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 41C3 | BOWEN: TOPO 2nd ED. | 18 | 7.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 41C4 | YANGEL: TOPO | 18 | 2.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 41C4 | YANGEL: TOPO 2nd ED. | 18 | 2.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 41D1 | WALLACE: TOPO | 22 | 7.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 41D2 | HUXLEY: TOPO | 22 | 2.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 42A3 | BANTING: TOPO | 26 | 17.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 42A4 | LINNE: TOPO | 26 | 12.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 42A4 | LINNE: TOPO 2nd ED. | 26 | 12.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 42B3 | VERY: TOPO | 26 | 27.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 42B4 | SARABHAI: TOPO | 26 | 22.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 42C1 | DESEILLIGNY: TOPO | 22 | 22.5E | OMT | 1974 | DMATC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 250K | LTO 42C2 | CLERKE: TOPO | 22 | 27.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 42C3 | DAWES: TOPO | 18 | 27.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 42C3 | DAWES: TOPO 2nd ED. | 18 | 27.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 42C4 | BRACKETT: TOPO | 18 | 22.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 42D1 | HORNSBY: TOPO | 22 | 12.5E | OMT | 1973* | DMATC |
| MOON | 250K | LTO 42D1 | HORNSBY: TOPO 2nd ED. | 22 | 12.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 42D2 | BESSEL: TOPO | 22 | 17.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 42D3 | MENELAUS: TOPO | 18 | 17.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 42D4 | SULPICIUS GALLUS: TOPO | 18 | 12.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 43A4 | 1e MONNIER: TOPO | 26 | 32.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 43C1 | HILL: TOPO | 22 | 42.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 43C2 | MACROBIUS: TOPO | 22 | 47.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 43C3 | PROCLUS: TOPO | 18 | 47.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 43C4 | CARMICHAEL: TOPO | 18 | 42.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 43D1 | LITTROW: TOPO | 22 | 32.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 43D1 | LITTROW: TOPO 2nd ED. | 22 | 32.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 43D2 | FRANCK: TOPO | 22 | 37.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 43D3 | THEOPHRASTUS: TOPO | 18 | 37.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 43D4 | VITRUVIUS: TOPO | 18 | 32.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 44D3 | ECKERT: TOPO | 18 | 57.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 44D4 | PEIRCE: TOPO | 18 | 52.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 44D4 | PEIRCE: TOPO 2nd ED. | 18 | 52.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 60A1 | DAUBREE: TOPO | 14 | 12.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 60A2 | AUWERS: TOPO | 14 | 17.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 60B1 | PLINIUS: TOPO | 14 | 22.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 60B2 | JANSEN: TOPO | 14 | 27.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 60B3 | CARREL: TOPO | 10 | 27.5E | OMT | 1977 | DMATC |
| MOON | 250K | LTO 60B4 | ROSS: TOPO | 10 | 22.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 61A1 | CAJAL: TOPO | 14 | 32.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 61A2 | LUCIAN: TOPO | 14 | 37.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 61A2 | LUCIAN: TOPO 2nd ED. | 14 | 37.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 61A3 | CAUCHY: TOPO | 10 | 37.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 61A4 | _____: TOPO | 10 | 32.5E | OMT | ____ | DMATC |
| MOON | 250K | LTO 61B1 | LYELL: TOPO | 14 | 42.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 61B2 | GLAISHER: TOPO | 14 | 47.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 61B3 | WATTS: TOPO | 10 | 47.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 61B4 | DA VINCI: TOPO | 10 | 42.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 61C1 | LAWRENCE: TOPO | 6 | 42.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 61C2 | CAMERON: TOPO | 6 | 47.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 61C3 | AMVILLE: TOPO | 2 | 47.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 61C4 | SECCHI: TOPO | 2 | 42.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 61D1 | WALLACH: TOPO | 6 | 32.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 61D2 | ARYABHATA: TOPO | 6 | 37.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 61D3 | MENZEL: TOPO | 2 | 37.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 61D4 | MASKELYNE ORIENTALIS: TOPO | 2 | 32.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 62A1 | YERKES: TOPO | 14 | 52.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62A2 | CURTIS: TOPO | 14 | 57.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62A3 | SHAPLEY: TOPO | 10 | 57.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62A4 | TEBBUTT: TOPO | 10 | 52.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62B1 | FAHRENHEIT: TOPO | 14 | 62.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62B2 | CONDORCET: TOPO | 14 | 67.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62B3 | KROGH: TOPO | 10 | 67.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62B4 | AUZOT: TOPO | 10 | 62.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62C1 | FIRMICUS: TOPO | 6 | 62.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62C2 | DUBYAGO: TOPO | 6 | 67.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62C3 | POMORTSEV: TOPO | 2 | 67.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62C4 | CONDON: TOPO | 2 | 62.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62D1 | ABBOT: TOPO | 6 | 52.5E | OMT | 1974 | DMATC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 250K | LTO 62D2 | DALY: TOPO | 6 | 57.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62D3 | AMEGHINO: TOPO | 2 | 57.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 62D4 | SMITHSON: TOPO | 2 | 52.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 63A2 | SABATIER: TOPO | 14 | 77.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 63A3 | WILDT: TOPO | 10 | 77.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 63A4 | CONDORCET SE: TOPO | 10 | 72.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 63B1 | THEILER: TOPO | 14 | 82.5E | OMT | 1976 | DMATC |
| MOON | 250K | LTO 63B2 | GODDARD: TOPO | 14 | 87.5E | OMT | 1976 | DMATC |
| MOON | 250K | LTO 63B3 | JANSKY: TOPO | 10 | 87.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 63B4 | VIRCHOW: TOPO | 10 | 82.5E | OMT | 1976 | DMATC |
| MOON | 250K | LTO 63C1 | KNOX-SHAW: TOPO | 6 | 82.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 63C2 | TACHINNI: TOPO | 6 | 87.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 63C3 | PEEK: TOPO | 2 | 87.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 63C4 | SCHUBERT: TOPO | 2 | 82.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 63D1 | BOETHIUS: TOPO | 6 | 72.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 63D2 | BANACHIEWICZ NW: TOPO | 6 | 77.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 63D3 | NOBILI: TOPO | 2 | 77.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 63D4 | RESPIGHI: TOPO | 2 | 72.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 64D1 | NUNN: TOPO | 14 | 92.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 64D2 | ERRO: TOPO | 14 | 97.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 64D3 | FOX: TOPO | 10 | 97.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 64D4 | MCADIE: TOPO | 10 | 92.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 65A3 | GUYOT: TOPO | 10 | 117.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 65B4 | RECHT: TOPO | 10 | 122.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 65C1 | KING: TOPO | 6 | 122.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 65C4 | ZANSTRA: TOPO | 2 | 122.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 65D2 | KATCHALSKY: TOPO | 6 | 117.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 65D2 | KATCHALSKY: TOPO 2nd ed | 6 | 117.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 65D3 | ABULWAFA: TOPO | 2 | 117.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 66A3 | RUTHERFORD: TOPO | 10 | 137.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 66B4 | GLAUBER: TOPO | 10 | 142.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 66C1 | FISCHER: TOPO | 6 | 142.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 66D2 | BERGMAN: TOPO | 6 | 137.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 75C1 | SCHEELE: TOPO | -10 | 37.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 75C2 | NORMAN: TOPO | -10 | 32.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 75D2 | WINTHROP: TOPO | -10 | 42.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 76C1 | BONPLAND: TOPO | -10 | 17.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 76C2 | GUERICKE: TOPO | -10 | 12.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 76D1 | EPPINGER: TOPO | -10 | 27.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 76D2 | KUIPER: TOPO | -10 | 22.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 77A3 | HERSCHEL: TOPO | -6 | 2.5W | OMT | 1979 | DMATC |
| MOON | 250K | LTO 77B3 | HIPPARCHUS: TOPO | -6 | 7.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 77B4 | GLYDEN: TOPO | -6 | 2.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 77C1 | ALBATEGNIUS: TOPO | -10 | 2.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 77C2 | HALLEY: TOPO | -10 | 7.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 77D1 | DAVY: TOPO | -10 | 7.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 77D2 | AMMONIUS: TOPO | -10 | 2.5W | OMT | 1974 | DMATC |
| MOON | 250K | LTO 78A3 | ALFRAGNUS: TOPO | -6 | 17.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 78A4 | LINDSAY: TOPO | -6 | 12.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 78B3 | TORRICELLI: TOPO | -6 | 27.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 78B4 | HYPATIA: TOPO | -6 | 22.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 78C1 | KANT: TOPO | -10 | 22.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 78C2 | MADLER: TOPO | -10 | 27.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 78D1 | ANDEL: TOPO | -10 | 12.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 78D2 | DESCARTES: TOPO | -10 | 17.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 79A2 | LEAKEY: TOPO | -2 | 37.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 79A3 | CAPELLA: TOPO | -6 | 37.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 79A4 | ISIDORUS: TOPO | -6 | 32.5E | OMT | 1974 | DMATC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 250K | LTO 79B1 | LUBBOCK: TOPO | -2 | 42.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 79B2 | MESSIER: TOPO | -2 | 47.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 79B3 | AMONTONS: TOPO | -6 | 47.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 79B4 | GUTENBERG: TOPO | -6 | 42.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 79D1 | DAGUERRE: TOPO | -10 | 32.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 79D2 | GAUDIBERT: TOPO | -10 | 37.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 80A1 | GEIKIE: TOPO | -2 | 52.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 80A2 | WEBB: TOPO | -2 | 57.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 80A3 | BILHARZ: TOPO | -6 | 57.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 80A4 | LINDBERGH: TOPO | -6 | 52.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 80B1 | MORLEY: TOPO | -2 | 62.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 80B2 | MACLAURIN: TOPO | -2 | 67.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 80B3 | BORN: TOPO | -6 | 67.5E | OMT | 1976 | DMATC |
| MOON | 250K | LTO 80B4 | ACOSTA: TOPO | -6 | 62.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 80B4 | ACOSTA: TOPO 2nd ED. | -6 | 62.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 80C1 | SOMERVILLE: TOPO | -10 | 62.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 80C2 | BARKLA: TOPO | -10 | 67.5E | OMT | 1977 | DMATC |
| MOON | 250K | LTO 80D2 | AL-MARRAKUSHI: TOPO | -10 | 57.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 81A1 | RANKINE: TOPO | -2 | 72.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 81A2 | GILBERT: TOPO | -2 | 77.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 81A3 | KASTNER: TOPO | -6 | 77.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 81A4 | VON BEHRING: TOPO | -6 | 72.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 81B1 | HALDANE: TOPO | -2 | 82.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 81B2 | RUNGE: TOPO | -2 | 87.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 81B3 | WIDMANNSTATTEN: TOPO | -6 | 87.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 81B4 | KIESS: TOPO | -6 | 82.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 81C1 | KREIKEN: TOPO | -10 | 82.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 81C2 | HOUTERMANS: TOPO | -10 | 87.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 81D1 | KARTEYN: TOPO | -10 | 72.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 81D2 | LA PEROUSE: TOPO | -10 | 77.5E | OMT | 1977 | DMATC |
| MOON | 250K | LTO 82A1 | PURKYNE: TOPO | -2 | 92.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 82A2 | WYLD: TOPO | -2 | 97.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 82A3 | LUDWIG: TOPO | -6 | 97.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 82A4 | HIRAYAMA: TOPO | -6 | 92.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 82D1 | BRUNNER: TOPO | -10 | 92.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 82D2 | GANSKIJ: TOPO | -10 | 97.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 83B4 | NECHO: TOPO | -6 | 122.5E | OMT | 1976 | DMATC |
| MOON | 250K | LTO 83C1 | DANJON: TOPO | -10 | 122.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 83C1 | DANJON: TOPO 2nd ED. | -10 | 122.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 83C3 | DOBROVOLSHIJ: TOPO | -14 | 127.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 83C4 | DELPORTE: TOPO | -14 | 122.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 83D2 | SHERRINGTON: TOPO | -10 | 117.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 84B3 | TAMM: TOPO | -6 | 147.5E | OMT | 1976 | DMATC |
| MOON | 250K | LTO 84D4 | VOLKOV: TOPO | -14 | 132.5E | OMT | 1973* | DMATC |
| MOON | 250K | LTO 84D4 | VOLKOV: TOPO 2nd ED. | -14 | 132.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 85A4 | CHAPLYGIN: TOPO | -6 | 152.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 85C1 | PLANTE: TOPO | -10 | 162.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 85C2 | HEAVISIDE: TOPO | -10 | 167.5E | OMT | 1979 | DMATC |
| MOON | 250K | LTO 85C3 | IBN HAYYAN: TOPO | -14 | 167.5E | OMT | 1976 | DMATC |
| MOON | 250K | LTO 86D4 | AITKEN BOREALIS: TOPO | -14 | 172.5E | OMT | 1976 | DMATC |
| MOON | 250K | LTO 100A1 | SKLODOWSKA OCCIDENTALIS: TOPO | -18 | 92.5E | OMT | 1977 | DMATC |
| MOON | 250K | LTO 100A2 | DKLODOWSKA ORIENTALIS: TOPO | -18 | 97.5E | OMT | 1976 | DMATC |
| MOON | 250K | LTO 100C1 | TITIUS: TOPO | -22 | 102.5E | OMT | 1974* | DMATC |
| MOON | 250K | LTO 100C1 | TITIUS: TOPO 2nd ED. | -22 | 102.5E | OMT | 1975 | DMATC |
| MOON | 250K | LTO 101B1 | LITKE: TOPO | -18 | 122.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 101B2 | TSIOLKOVSKIJ BOREALIS: TOPO | -18 | 127.5E | OMT | 1973* | DMATC |
| MOON | 250K | LTO 101B2 | TSIOLKOVSKIJ BOREALIS: TP 2nd | -18 | 127.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 101B3 | TSIOLKOVSKIJ AUSTRALIS: TOPO | -22 | 127.5E | OMT | 1979 | DMATC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 250K | LTO 101B4 | BABAKIN: TOPO | -22 | 122.5E | OMT | 1973* | DMATC |
| MOON | 250K | LTO 101B4 | BABAKIN: TOPO 2nd ED. | -22 | 122.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 101C1 | NEUJMIN: TOPO | -26 | 122.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 101C2 | WATERMAN: TOPO | -26 | 127.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 102A1 | PATSAEV: TOPO | -18 | 132.5E | OMT | 1973* | DMATC |
| MOON | 250K | LTO 102A1 | PATSAEV: TOPO 2nd ED. | -18 | 132.5E | OMT | 1973* | DMATC |
| MOON | 250K | LTO 102A1 | PATSAEV: TOPO 3rd ED. | -18 | 132.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 102A4 | FESNEKOV: TOPO | -22 | 132.5E | OMT | 1973 | DMATC |
| MOON | 250K | LTO 102B2 | ISAEV: TOPO | -18 | 147.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 102B3 | ANDRONOV: TOPO | -22 | 147.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 102D1 | STARK: TOPO | -26 | 132.5E | OMT | 1973* | DMATC |
| MOON | 250K | LTO 102D1 | STARK: TOPO 2nd ED. | -26 | 132.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 103A1 | GRAVE: TOPO | -18 | 152.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 103A4 | RASPLETIN: TOPO | -22 | 152.5E | OMT | 1974 | DMATC |
| MOON | 250K | LTO 103B2 | ZWICKY: TOPO | -18 | 167.5E | OMT | 1976 | DMATC |
| MOON | 250K | LTO 104A1 | AITKEN AUSTRALIS: TOPO | -18 | 172.5E | OMT | 1976 | DMATC |
| MOON | 250K | ORB III-18 | MOSTING C: PHOTOMAP | - 2.3 | 8.3W | SM | 1969? | ACIC |
| MOON | 250K | ORB III-18 | MOSTING C: TOPO PHOTOMAP | - 2.3 | 8.3W | CMT | 1969? | ACIC |
| MOON | 250K | ORB III-23 | FRA MAURO: PHOTOMAP | - 3 | 17.4W | CM | 1969? | ACIC |
| MOON | 250K | ORB III-23 | FRA MAURO: TOPO MAP | - 3 | 17.4W | CMT | 1970? | ACIC |
| MOON | 250K | ORB III-23 | FRA MAURO: TOPO PHOTOMAP | - 3 | 17.4W | CMT | 1969? | ACIC |
| MOON | 250K | ORB V-12 | CENSORINUS: PHOTOMAP | - 0.5 | 33.3E | SM | 1969? | TOPOCOM |
| MOON | 250K | ORB V-14 | RIMA LITTROW: PHOTOMAP | 22.2 | 29.4E | SM | 1969? | TOPOCOM |
| MOON | 250K | ORB V-14 | RIMA LITTROW: TOPO MAP | 22.2 | 29.4E | CMT | 1970? | TOPOCOM |
| MOON | 250K | ORB V-14 | RIMA LITTROW: TOPO PHOTOMAP | 22.2 | 29.4E | CMT | 1969? | TOPOCOM |
| MOON | 250K | ORB V-23.1 | RIMA HYGINUS: PHOTOMAP | 8 | 5.7E | SM | 1969? | TOPOCOM |
| MOON | 250K | ORB V-23.1 | RIMA HYGINUS: TOPO MAP | 8 | 5.7E | CMT | 1970? | TOPOCOM |
| MOON | 250K | ORB V-23.1 | RIMA HYGINUS: TOPO PHOTOMAP | 8 | 5.7E | CMT | 1970? | TOPOCOM |
| MOON | 250K | ORB V-24 | HIPPARCHUS: PHOTOMAP | - 4.5 | 12.8E | SM | 1970? | TOPOCOM |
| MOON | 250K | ORB V-24 | HIPPARCHUS: TOPO MAP | - 4.5 | 12.8E | CMT | 1971? | TOPOCOM |
| MOON | 250K | ORB V-24 | HIPPARCHUS: TOPO PHOTOMAP | - 4.5 | 12.8E | CMT | 1970? | TOPOCOM |
| MOON | 250K | ORB V-26.1 | RIMA HADLEY: PHOTOMAP | 26 | 3.1E | SM | 1970? | TOPOCOM-2 |
| MOON | 250K | ORB V-26.1 | RIMA HADLEY: TOPO MAP | 26 | 3.1E | CMT | 1971? | TOPOCOM-2 |
| MOON | 250K | ORB V-26.1 | RIMA HADLEY: TOPO PHOTOMAP | 26 | 3.1E | CMT | 1970? | TOPOCOM-2 |
| MOON | 250K | ORB V-29 | RIMA BODE: PHOTOMAP | 12.8 | 3.8W | SM | 1969? | ACIC |
| MOON | 250K | ORB V-29 | RIMA BODE: TOPO MAP | 12.8 | 3.8W | CMT | 1970? | ACIC |
| MOON | 250K | ORB V-29 | RIMA BODE: TOPO PHOTOMAP | 12.8 | 3.8W | CMT | 1969? | ACIC |
| MOON | 250K | ORB V-30 | TYCHO: PHOTOMAP A & B | -42 | 11.8W | SM | 1969? | TOPOCOM-2 |
| MOON | 250K | ORB V-30 | TYCHO: TOPO MAP A & B | -42 | 11.8W | CMT | 1971? | TOPOCOM-2 |
| MOON | 250K | ORB V-30 | TYCHO: TOPO PHOTOMAP A & B | -42 | 11.8W | CMT | 1971? | TOPOCOM-2 |
| MOON | 250K | ORB V-37 | COPERNICUS: PHOTOMAP | 10.2 | 20.3W | SM | 1969? | TOPOCOM |
| MOON | 250K | ORB V-37 | COPERNICUS: TOPO MAP | 10.2 | 20.3W | CMT | 1971? | TOPOCOM |
| MOON | 250K | ORB V-37 | COPERNICUS: TOPO PHOTOMAP | 10.2 | 20.3W | CMT | 1971? | TOPOCOM |
| MOON | 250K | ORB V-43.2 | GASSENDI: PHOTOMAP | -17 | 40W | SM | 1970? | TOPOCOM |
| MOON | 250K | ORB V-43.2 | GASSENDI: TOPO MAP A & B | -17 | 40W | CMT | 1971? | TOPOCOM-2 |
| MOON | 250K | ORB V-43.2 | GASSENDI: TOPO PHOTOMAP A & B | -17 | 40W | CMT | 1971? | TOPOCOM-2 |
| MOON | 250K | ORB V-46 | PRINZ: PHOTOMAP | 27.3 | 43.5W | CM | 1970? | TOPOCOM |
| MOON | 250K | ORB V-46 | PRINZ: TOPO MAP | 27.3 | 43.5W | CMT | 1971? | TOPOCOM |
| MOON | 250K | ORB V-46 | PRINZ: TOPO PHOTOMAP | 27.3 | 43.5W | CMT | 1970? | TOPOCOM |
| MOON | 250K | ORB V-48 | ARISTARCHUS: TOPO MAP | 23.4 | 47.3W | CMT | 1972? | ACIC |
| MOON | 250K | ORB V-51 | MARIUS F: PHOTOMAP | 13.3 | 56.1W | SM | 1970? | TOPOCOM |
| MOON | 250K | ORB V-51 | MARIUS F: TOPO MAP | 13.3 | 56.1W | CMT | 1971? | TOPOCOM |
| MOON | 250K | ORB V-51 | MARIUS F: TOPO PHOTOMAP | 13.3 | 56.1W | CMT | 1970? | TOPOCOM |
| MOON | 250K | RLC 7 | SABINE | -21.5 | 2W | RT | 1966? | ACIC |
| MOON | 250K | RLC 14 | ALPHONSUS | 2.5 | 13.5E | RT | 1966? | ACIC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 100K | | BONPLAND H: GEOLOGY | -- | -- | G | 1971 | 693 |
| MOON | 100K | | BONPLAND PQC: GEOLOGY | -- | -- | G | 1971 | 678 |
| MOON | 100K | | FLAMSTEED R: GEOLOGY | | | G | 1972 | 626 |
| MOON | 100K | | LANSBERG P: GEOLOGY | -- | -- | G | 1971 | 627 |
| MOON | 100K | | MAESTLIN G: GEOLOGY | | | G | 1969 | 622 |
| MOON | 100K | | MASKELYN Da: GEOLOGY | | | G | 1970 | 616 |
| MOON | 100K | | OPPOLZER A: GEOLOGY | | | G | 1971 | 620 |
| MOON | 100K | | SABINE D: GEOLOGY | | | G | 1970 | 618 |
| MOON | 100K | | WICHMANN G: GEOLOGY | -- | -- | G | 1974 | 624 |
| MOON | 100K | | DESCARTES: PHOTOMAP | | | CM | 1971 | TOPOCOM |
| MOON | 100K | | DESCARTES: TOPO PHOTOMAP | | | CMT | 1972 | TOPOCOM |
| MOON | 100K | ORB I-1 | ORBITER I- SITE 1: MOSAIC | - 1 | 41.9E | CMT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-1 | ORBITER I- SITE 1: RELIEF | - 1 | 41.6E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-2 | ORBITER I- SITE 2: MOSAIC | 0.1 | 35.5E | CMT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-2 | ORBITER I- SITE 2: RELIEF | 0.1 | 35.5E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-3 | ORBITER I- SITE 3: MOSAIC | 0.6 | 26.2E | CMT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-3 | ORBITER I- SITE 3: RELIEF | 0.6 | 27.1E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-4A/B | ORBITER I- SITE 4A/B: MOSAIC | 0 | 13.5E | CMT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-4A/B | ORBITER I- SITE 4A/B: RELIEF | 0 | 13.5E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-5 | ORBITER I- SITE 5: MOSAIC | 0.1 | 1.7W | CMT | 1967? | ACIC |
| MOON | 100K | ORB I-5 | ORBITER I- SITE 5: RELIEF | 0.1 | 1.5W | RT | 1967? | ACIC |
| MOON | 100K | ORB I-7 | ORBITER I- SITE 7: MOSAIC | - 3.5 | 22.1W | CMT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-7 | ORBITER I- SITE 7: RELIEF | - 3.5 | 22.1W | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-8 | ORBITER I- SITE 8: MOSAIC | - 3.0 | 36.4W | CMT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-8 | ORBITER I- SITE 8: RELIEF | - 3.0 | 36.6W | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-9.2 | ORBITER I- SITE 9.2: MOSAIC | - 2.3 | 43.3W | CMT | 1967? | ACIC |
| MOON | 100K | ORB I-9.2 | ORBITER I- SITE 9.2: RELIEF | - 2.3 | 43.3W | RT | 1967? | ACIC |
| MOON | 100K | ORB II- 2 | ORBITER II- SITE 2: MOSAIC | 2.7 | 34 E | CMT | 1967? | TOPOCOM |
| MOON | 100K | ORB II- 2 | ORBITER II- SITE 2: RELIEF | 2.7 | 34 E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB II- 6 | ORBITER II- SITE 6: MOSAIC | 0.9 | 24.1E | CMT | 1967? | TOPOCOM |
| MOON | 100K | ORB II- 6 | ORBITER II- SITE 6: RELIEF | 0.9 | 24.1E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB II- 8 | ORBITER II- SITE 8: MOSAIC | 0.4 | 1.0W | CMT | 1967? | ACIC |
| MOON | 100K | ORB II- 8 | ORBITER II- SITE 8: RELIEF | 0.4 | 1.0W | RT | 1967? | ACIC |
| MOON | 100K | ORB II-11 | ORBITER II- SITE 11: MOSAIC | - 0.2 | 19.8W | CMT | 1967? | TOPOCOM-4 |
| MOON | 100K | ORB II-11 | ORBITER II- SITE 11: RELIEF | - 0.2 | 19.8W | RT | 1968? | TOPOCOM |
| MOON | 100K | ORB II-13 | ORBITER II- SITE 13: MOSAIC | 1.7 | 41.7W | CMT | 1967? | TOPOCOM |
| MOON | 100K | ORB II-13 | ORBITER II- SITE 13: RELIEF | 1.7 | 41.7W | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB III- 9 | ORBITER III- SITE 9: MOSAIC | - 3 | 22.9W | CMT | 1968? | TOPOCOM |
| MOON | 100K | ORB III- 9 | ORBITER III- SITE 9: RELIEF | - 3 | 22.9W | RT | 1968? | TOPOCOM |
| MOON | 100K | ORB III-11 | ORBITER III- SITE 11: MOSAIC | - 3.4 | 36.9W | CMT | 1968? | TOPOCOM |
| MOON | 100K | ORB III-11 | ORBITER III- SITE 11: RELIEF | - 3.4 | 36.9W | RT | 1968? | TOPOCOM |
| MOON | 100K | ORB III-12 | ORBITER III- SITE 12: MOSAIC | - 2.4 | 43.7W | CMT | 1968? | ACIC |
| MOON | 100K | ORB III-12 | ORBITER III- SITE 12: RELIEF | - 2.4 | 43.7W | RT | 1968? | ACIC |
| MOON | 100K | RLC 3 | BONPLAND H | 20.8 | 11E | RT | 1964? | ACIC |
| MOON | 100K | RLC 8 | SABINE D | -23.5 | 2W | RT | 1966? | ACIC |
| MOON | 50K | | ALPHONSUS GA: GEOLOGY | | | G | 1969 | 586 |
| MOON | 50K | | APENNINE HADLEY: GEOLOGY | | | G | 1971 | 723-2/2 |
| MOON | 50K | | DESCARTES: GEOLOGY | | | G | 1972 | 748-2/2 |
| MOON | 50K | | SABINE DM: GEOLOGY | -- | -- | G | 1969 | 594 |
| MOON | 50K | | SABINE EB: GEOLOGY | | | G | 1971 | 679 |
| MOON | 50K | | TAURUS LITTROW: GEOLOGY | | | G | 1972 | 800-1/2 |
| MOON | 50K | | TAURUS LITTROW TOPO PHOTOMAP | 20.1 | 30.7E | CMT | 1972 | DMATC |
| MOON | 50K | LO 38B2S1 | MONTEO AGRICOLA: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 39A1S1 | VAN BIESBROECK: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 39A3S1 | RIMA PRINZ: ORTHO | | | OM | 1974 | DMATC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 50K | LO 39B3S1 | ZAHIA: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 39C2S1 | RIMA EULER: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 40A1S1 | DORSUM ZIRKEL: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 41A3S1 | RIMA MOZART: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 41B4S1 | APOLLO 15 LANDING AREA: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 41B4S2 | RIMA HADLEY CENTRAL: ORTHO | | | OM | 1975 | DMATC |
| MOON | 50K | LO 41B4S3 | RIMA HADLEY SOUTH: ORTHO | | | OM | 1975 | DMATC |
| MOON | 50K | LO 42C2S1 | FOSSAE LITTROW: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 42C3S3 | MONS ARGAEUS: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 42C3S4 | RIMA DAWES: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 42C4S1 | DORSUM NICOL: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 42C4S2 | DORSA LISTER: ORTHO | | | OM | 1977 | DMATC |
| MOON | 50K | LO 43D1S1 | APOLLO 17 LANDING AREA: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 61A2S1 | GRACE: ORTHO | | | OM | 1976 | DMATC |
| MOON | 50K | LO 61B2S1 | _____: ORTHO | | | OM | ____ | DMATC |
| MOON | 50K | LO 61D2S1 | _____: ORTHO | | | OM | ____ | DMATC |
| MOON | 50K | LO 65C1S1 | KING CENTRAL PEAKE: ORTHO | | | OM | 1975 | DMATC |
| MOON | 50K | LO 65C1S2 | MELISSA: ORTHO | | | OM | 1976 | DMATC |
| MOON | 50K | LO 65D2S1 | KING NORTH FLANK: ORTHO | | | OM | 1975 | DMATC |
| MOON | 50K | LO 75C1S1 | _____: ORTHO | | | OM | ____ | DMATC |
| MOON | 50K | LO 75C4S1 | _____: ORTHO | | | OM | ____ | DMATC |
| MOON | 50K | LO 77A4S1 | _____: ORTHO | | | OM | ____ | DMATC |
| MOON | 50K | LO 77D3S1 | FUSSAE ALPHONSUS: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 78D2S1 | APOLLO 16 LANDING AREA: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 83B4S1 | _____: ORTHO | | | OM | ____ | DMATC |
| MOON | 50K | LO 100C1S1 | SIEGFRIED: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LO 102A1S1 | KIRA: ORTHO | | | OM | 1974 | DMATC |
| MOON | 50K | LTO 38B2S1 | MONTEO AGRICOLA: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 39A1S1 | VAN BIESBROECK: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 39A3S1 | RIMA PRINZ: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 39B3S1 | ZAHIA: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 39C2S1 | RIMA EULER: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 40A1S1 | DORSUM ZIRKEL: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 41A3S1 | RIMA MOZART: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 41B4S1 | APOLLO 15 LANDING AREA: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 41B4S2 | RIMA HADLEY CENTRAL: TOPO | | | OMT | 1975 | DMATC |
| MOON | 50K | LTO 41B4S3 | RIMA HADLEY SOUTH: TOPO | | | OMT | 1975 | DMATC |
| MOON | 50K | LTO 42C2S1 | FOSSAE LITTROW: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 42C3S3 | MONS ARGAEUS: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 42C3S4 | RIMA DAWES: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 42C4S1 | DORSUM NICOL: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 42C4S2 | DORSA LISTER: TOPO | | | OMT | 1977 | DMATC |
| MOON | 50K | LTO 43D1S1 | APOLLO 17 LANDING AREA: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 61A2S1 | GRACE: TOPO | | | OMT | 1976 | DMATC |
| MOON | 50K | LTO 61B2S1 | _____: TOPO | | | OMT | ____ | DMATC |
| MOON | 50K | LTO 61D2S1 | _____: TOPO | | | OMT | ____ | DMATC |
| MOON | 50K | LTO 65C1S1 | KING CENTRAL PEAKE: TOPO | | | OMT | 1975 | DMATC |
| MOON | 50K | LTO 65C1S2 | MELISSA: TOPO | | | OMT | 1976 | DMATC |
| MOON | 50K | LTO 65D2S1 | KING NORTH FLANK: TOPO | | | OMT | 1975 | DMATC |
| MOON | 50K | LTO 75C1S1 | _____: TOPO | | | OMT | ____ | DMATC |
| MOON | 50K | LTO 75C4S1 | _____: TOPO | | | OMT | ____ | DMATC |
| MOON | 50K | LTO 77A4S1 | _____: TOPO | | | OMT | ____ | DMATC |
| MOON | 50K | LTO 77D3S1 | FOSSAE ALPHONSUS: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 78D2S1 | APOLLO 16 LANDING AREA: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 83B4S1 | _____: TOPO | | | OMT | ____ | DMATC |
| MOON | 50K | LTO 100C1S1 | SIEGFRIED: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | LTO 102A1S1 | KIRA: TOPO | | | OMT | 1974 | DMATC |
| MOON | 50K | RLC 9 | SABINE DM | -24 | 2.4W | RT | 1966? | ACIC |
| MOON | 50K | RLC 15 | ALPHONSUS GA | 2 | 12.8E | RT | 1966? | ACIC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 25K | | APOLLO LANDING SITE 2: GEOL | | | G | 1970? | 619 |
| MOON | 25K | | APOLLO SITE 3 & 3R: GEOLOGY | | | G | 1970 | 621 |
| MOON | 25K | | APOLLO SITE 4 & 4R: GEOLOGY | | | G | 1971 | 625 |
| MOON | 25K | | APOLLO SITE 5: GEOLOGY | | | G | 1969 | 623 |
| MOON | 25K | | FRA MAURO: GEOLOGY | | | G | 1970 | 708-2/2 |
| MOON | 25K | | DESCARTES: PHOTOMAP | - 8.8 | 15.5E | CM | 1972 | TOPOCOM |
| MOON | 25K | | DESCARTES: TOPO MAP | - 8.8 | 15.5E | T | 1972 | TOPOCOM |
| MOON | 25K | | DESCARTES: TOPO PHOTOMAP | - 8.8 | 15.5E | CMT | 1972 | TOPOCOM |
| MOON | 25K | | RIMA HADLEY PHOTOMAP | 26.2 | 3.8E | UM | 1971? | ACIC |
| MOON | 25K | | RIMA HADLEY TOPO PHOTOMAP | 26.2 | 3.8E | CMT | 1972? | ACIC |
| MOON | 25K | | TAURUS LITTROW TOPO PHOTOMAP | 20.2 | 30.7E | CMT | 1972? | DMATC |
| MOON | 25K | 41B454 | APOLLO 15 TRAVERSES: 2nd ED. | | | UMN | 1975 | DMATC |
| MOON | 25K | 43D1S2 | APOLLO 16 TRAVERSES | | | UMN | 1975 | DMATC |
| MOON | 25K | 78D2S2 | APOLLO 17 TRAVERSES | | | UMN | 1975 | DMATC |
| MOON | 25K | LO 39B2S1 | SAMIR: ORTHO | | | OM | 1976 | DMATC |
| MOON | 25K | LO 39B2S2 | RUPES BORIS: ORTHO | | | OM | 1976 | DMATC |
| MOON | 25K | LO 40B3S1 | _____: ORTHO | | | OM | ____ | DMATC |
| MOON | 25K | LTO 39B2S1 | SAMIR: TOPO | | | OMT | 1976 | DMATC |
| MOON | 25K | LTO 39B2S2 | RUPES BORIS: TOPO | | | OMT | 1976 | DMATC |
| MOON | 25K | LTO 40B3S1 | _____: TOPO | | | OMT | ____ | DMATC |
| MOON | 25K | ORB I-9.2 | ORBITER I- SITE 9.2: MOSAIC | - 2.3 | 43.3W | CMT | 1967? | ACIC-8 |
| MOON | 25K | ORB I-9.2 | ORBITER I- SITE 9.2: RELIEF | - 2.3 | 43.3W | RT | 1967? | ACIC-8 |
| MOON | 25K | ORB II- 2 | ORBITER II- SITE 2: MOSAIC | 2.7 | 34 W | CMT | 1967? | TOPOCOM |
| MOON | 25K | ORB II- 6 | ORBITER II- SITE 6: MOSAIC | 0.9 | 24.1E | CMT | 1967? | TOPOCOM-4 |
| MOON | 25K | ORB II- 8 | ORBITER II- SITE 8: MOSAIC | 0.2 | 1.1W | CMT | 1967? | ACIC-4 |
| MOON | 25K | ORB II- 8 | ORBITER II- SITE 8: RELIEF | 0.2 | 1.1W | RT | 1968? | ACIC-4 |
| MOON | 25K | ORB II-11 | ORBITER II- SITE 11: MOSAIC | - 0.1 | 19.7W | CMT | 1967? | TOPOCOM-4 |
| MOON | 25K | ORB II-13 | ORBITER II- SITE 13: MOSAIC | 1.7 | 41.7W | CMT | 1967? | TOPOCOM-4 |
| MOON | 25K | ORB III- 9 | ORBITER III- SITE 9: MOSAIC | - 2.9 | 22.9W | CMT | 1968? | TOPOCOM-4 |
| MOON | 25K | ORB III-11 | ORBITER III- SITE 11: MOSAIC | - 3.4 | 36.8W | CMT | 1968? | TOPOCOM-2 |
| MOON | 25K | ORB III-12 | ORBITER III- SITE 12: MOSAIC | - 2.6 | 43.7W | CMT | 1968? | ACIC-9 |
| MOON | 25K | ORB III-18 | MOSTING C: PHOTOMAP | - 2 | 8 W | SM | 1969? | ACIC |
| MOON | 25K | ORB III-23 | FRA MAURO: PHOTOMAP | - 3.5 | 17.4W | SM | 1969? | ACIC |
| MOON | 25K | ORB V-12 | CENSORINUS: PHOTOMAP A & B | - 5 | 32.9E | CM | 1969? | TOPOCOM-2 |
| MOON | 15K | RLC 10 | SABINE EF | -24.4 | 2.6W | RT | 1966? | ACIC |
| MOON | 10K | LO 40A4S1 | ARTEMIS: ORTHO | | | OM | 1975 | DMATC-2/2 |
| MOON | 10K | LO 41C3S1 | INA: ORTHO | | | OM | 1974 | DMATC-2/2 |
| MOON | 10K | LO 42A4S1 | LORCA WEST: ORTHO | | | OM | 1974 | DMATC-2/2 |
| MOON | 10K | LO 42A4S2 | LORCA EAST: ORTHO | | | OM | 1974 | DMATC-2/2 |
| MOON | 10K | LO 42C3S1 | ISIS: ORTHO | | | OM | 1974 | DMATC-2/2 |
| MOON | 10K | LO 42C3S2 | OSIRUS: ORTHO | | | OM | 1974 | DMATC-2/2 |
| MOON | 10K | LO 77D1S1 | DAVY CATENA: ORTHO | | | OM | 1974 | DMATC-2/2 |
| MOON | 10K | LO 104A1S1 | _____: ORTHO | | | OM | ____ | DMATC |
| MOON | 10K | LTO 40A4S1 | ARTEMIS: TOPO | | | OMT | 1975 | DMATC |
| MOON | 10K | LTO 41C3S1 | INA: TOPO | | | OMT | 1974 | DMATC-1/2 |
| MOON | 10K | LTO 42A4S1 | LORCA WEST: TOPO | | | OMT | 1974 | DMATC-1/2 |
| MOON | 10K | LTO 42A4S2 | LORCA EAST: TOPO | | | OMT | 1974 | DMATC-1/2 |
| MOON | 10K | LTO 42C3S1 | ISIS: TOPO | | | OMT | 1974 | DMATC-1/2 |
| MOON | 10K | LTO 42C3S2 | OSIRUS: TOPO | | | OMT | 1974 | DMATC-1/2 |
| MOON | 10K | LTO 77D1S1 | DAVY CATENA: TOPO | | | OMT | 1974 | DMATC-1/2 |
| MOON | 10K | LTO 104A1S1 | _____: TOPO | | | OMT | ____ | DMATC |
| MOON | 10K | RLC 4 | BONPLAND PQC | 20.6 | 10.7E | RT | 1964? | ACIC |
| MOON | 10K | RLC 16 | ALPHONSUS GP | 2.4 | 12.9E | RT | 1966? | ACIC |
| MOON | 5K | RLC 11 | SABINE EB | -24.6 | 2.7W | RT | 1966? | ACIC |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 2K | | SURVEYOR SITE I MAP | - 2.5 | 43.4W | RT | 1968? | ACIC |
| MOON | 2K | | SURVEYOR SITE I: PHOTOMAP | - 2.5 | 43.4W | CMT | 1968? | ACIC |
| MOON | 2K | | SURVEYOR SITE III: PHOTOMAP | - 3.2 | 23.4W | CMT | 1968? | TOPOCOM |
| MOON | 2K | RLC 12 | SABINE EBF | -24.6 | 2.7W | RT | 1966? | ACIC |
| MOON | 2K | RLC 17 | ALPHONSUS GLH | 2.4 | 12.9E | RT | 1966? | ACIC |
| MOON | 1K | | SURVEYOR SITE VI: EXP PHOTOMP | 0.5 | 1.4W | CMT | 1969? | TOPOCOM |
| MOON | 1K | RLC 5 | UNNAMED | 20.6 | 10.7E | RT | 1964? | ACIC |
| MOON | 500 | | SURVEYOR SITE I MAP | - 2.6 | 43.4W | RT | 1968? | ACIC |
| MOON | 500 | | SURVEYOR SITE III: PHOTOMAP | - 3.3 | 23.4W | CM | 1968? | TOPOCOM |
| MOON | 400 | RLC 17 | ALPHONSUS GLH | 2.4 | 12.9E | RT | 1966? | ACIC |
| MOON | 100 | | SURVEYOR SITE I PICTORIAL | 2.4 | 12.9E | SM | 1967? | TOPOCOM |
| OBERON | 10M | | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-3/3 |
| OBERON | 10M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| RHEA | 10M | | 6 MOSAICS:0,90,180,270,POLES | 0/90/-90 | --- | CM | 1988 | 1921-2/2 |
| RHEA | 10M | | GLOBAL: TOPO 1st ed. | --- | --- | 1AN | 1981* | 1388 |
| RHEA | 10M | | GLOBAL: TOPO 2nd ed. | --- | --- | 2AN | 1982 | 1484 |
| RHEA | 5M | | GLOBAL: MOSAIC | --- | --- | CM | 1988 | 1921-1/2 |
| TETHYS | 10M | | GLOBAL: TOPO 1st ed. | --- | --- | 1AN | 1981* | 1390 |
| TETHYS | 10M | | GLOBAL: TOPO 2nd ed. | --- | --- | 2AN | 1982 | 1487 |
| TETHYS | 5M | | GLOBAL: MOSAIC | --- | --- | CM | 1991 | 2157-2/2 |
| TETHYS | 5M | | GLOBAL: TOPO | --- | --- | AN | 1991 | 2157-1/2 |
| TITANIA | 10M | | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-3/3 |
| TITANIA | 10M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| TRITON | 15M | | GLOBAL: TOPO | | | AN | 1991 | 2154 |
| TRITON | 5M | Nt- 2 | SIDR LINEA: COLOR MOSAIC | - 8 | 8 | CMK | 1991 | 2275 |
| TRITON | 5M | Nt- 2 | SIDR LINEA: TOPO | - 8 | 8 | AN | 1991 | 2153 |
| UMBRIEL | 10M | | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-3/3 |
| UMBRIEL | 10M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| VENUS | 50M | | GLOBAL: PLANNING MAP | 6 | 60 | RT | 1984 | 1562-1/2 |
| VENUS | 50M | | GLOBAL: RELIEF | 6 | 60 | R | 1984 | 1562-2/2 |
| VENUS | 50M | | GLOBAL: RLF/COLOR CONTOUR | 6 | 60 | RKT | 1980 | 1324 |
| VENUS | 29.8M | | RELIEF & CONTOUR GLOBE: COLOR | | | RKT | 1981* | USGS |
| VENUS | 15M | | NORTHERN HEMISPHERE: GEOLOGY | 90 | 0 | G | 1989 | 2059 |
| VENUS | 15M | | NORTHERN HEMISPHERE: RADAR | 90 | 0 | CM | 1989 | 2041-3/3 |
| VENUS | 15M | | NORTHERN HEMISPHERE: CONTOURS | 90 | 0 | RKT | 1989 | 2041-1/3 |
| VENUS | 15M | | NORTHERN HEMISPHERE: RELIEF | 90 | 0 | R | 1989 | 2041-2/3 |
| VENUS | 5M | B- 1 | SNEGUROCHKA PLANITIA: RADAR | 90 | 0 | CMT | 1988 | GUGK/USSR |
| VENUS | 5M | B- 2 | LAUMA DORSA: RADAR | 70 | 210 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B- 3 | METIS REGIO: RADAR | 70 | 270 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B- 4 | LAKSHMI PLANUM: RADAR | 70 | 330 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B- 5 | FORTUNA TESSERA: RADAR | 70 | 30 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B- 6 | MECHKENET TESSERA: RADAR | 70 | 90 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B- 7 | ATALANTA PLANITIA: RADAR | 70 | 150 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B- 8 | VINMARA PLANITIA: RADAR | 50 | 202.5 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B- 9 | KABEL PLANITIA: RADAR | 50 | 247.5 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-10 | GUINEVERE PLANITIA: RADAR | 50 | 292.5 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-11 | SEDNA PLANITIA: RADAR | 50 | 337.5 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-12 | AUSHRA DORSA: RADAR | 50 | 22.5 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-13 | LEDA PLANITIA: RADAR | 50 | 77.5 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-14 | AKKRUVA COLLES: RADAR | 50 | 112.5 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-15 | VELLAMO PLANITIA: RADAR | 50 | 157.5 | CMT | 1987 | GUGK/USSR |

# APPENDIX I: GENERAL LIST OF ALL MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| VENUS | 5M | B-16 | GANIKI PLANITIA: RADAR | 30 | 195 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-17 | ULFRUU REGIO: RADAR | 30 | 225 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-18 | ASTERIA REGIO: RADAR | 30 | 255 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-19 | BETA REGIO: RADAR | 30 | 285 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-20 | BREKSTA DORSA: RADAR | 30 | 315 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-21 | ZORILE DORSA: RADAR | 30 | 345 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-22 | TOMEM DORSA: RADAR | 30 | 15 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-23 | BELL REGIO: RADAR | 30 | 45 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-24 | TELLUS REGIO: RADAR | 30 | 75 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-25 | NIOBE PLANITIA: RADAR | 30 | 105 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-26 | NEPHELE DORSA: RADAR | 30 | 135 | CMT | 1987 | GUGK/USSR |
| VENUS | 5M | B-27 | VEDMA DORSA: RADAR | 30 | 165 | CMT | 1987 | GUGK/USSR |

# 11.0 APPENDIX II: LIST OF I-MAPS

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MOON | 1M | LAC 57 | KEPLER: GEOLOGY | 8 | 40W | G | 1962 | 355 |
| MOON | 1M | LAC 75 | LETRONNE: GEOLOGY | -8 | 40W | G | 1963 | 385 |
| MOON | 1M | LAC 76 | RIPHAEUS MTS.: GEOLOGY | -8 | 20W | G | 1965 | 458 |
| MOON | 1M | LAC 40 | TIMOCHARIS: GEOLOGY | 24 | 20W | G | 1965 | 462 |
| MOON | 1M | LAC 41 | MONTES APENNINUS: GEOLOGY | 24 | 0 | G | 1966 | 463 |
| MOON | 1M | LAC 39 | ARISTARCHUS: GEOLOGY | 24 | 40W | G | 1965 | 465 |
| MOON | 1M | LAC 94 | PITATUS: GEOLOGY | -24 | 20W | G | 1966 | 485 |
| MOON | 1M | LAC 42 | MARE SERENITATIS: GEOLOGY | 24 | 20E | G | 1966 | 489 |
| MOON | 1M | LAC 56 | HEVELIUS: GEOLOGY | 8 | 60W | G | 1967 | 491 |
| MOON | 1M | LAC 93 | MARE HUMORUM: GEOLOGY | -24 | 40W | G | 1967 | 495 |
| MOON | 1M | LAC 60 | JULIUS CAESAR: GEOLOGY | 8 | 20E | G | 1967 | 510 |
| MOON | 1M | LAC 58 | COPERNICUS: GEOLOGY | 8 | 20W | G | 1967 | 515 |
| MOON | 1M | LAC 38 | SELEUCUS: GEOLOGY | 24 | 60W | G | 1967 | 527 |
| MOON | 1M | LAC 78 | THEOPHILUS: GEOLOGY | -8 | 20E | G | 1968 | 546 |
| MOON | 1M | LAC 59 | MARE VAPORUM: GEOLOGY | 8 | 0 | G | 1968 | 548 |
| MOON | 1M | LAC 77 | PTOLEMAEUS: GEOLOGY | -8 | 0 | G | 1968 | 566 |
| MOON | 50K | | ALPHONSUS GA: GEOLOGY | | | G | 1969 | 586 |
| MOON | 50K | | SABINE DM: GEOLOGY | -- | -- | G | 1969 | 594 |
| MOON | 250K | | ALPHONSUS: GEOLOGY | | | G | 1969 | 599 |
| MOON | 1M | LAC 24 | SINUS IRIDUM: GEOLOGY | 40 | 26W | G | 1969 | 602 |
| MOON | 1M | LAC 11 | J. HERSCHEL: GEOLOGY | 54 | 35W | G | 1969 | 604 |
| MOON | 100K | | MASKELYN Da: GEOLOGY | | | G | 1970 | 616 |
| MOON | 100K | | SABINE D: GEOLOGY | | | G | 1970 | 618 |
| MOON | 25K | | APOLLO LANDING SITE 2: GEOL | | | G | 1970? | 619 |
| MOON | 100K | | OPPOLZER A: GEOLOGY | | | G | 1971 | 620 |
| MOON | 25K | | APOLLO SITE 3 & 3R: GEOLOGY | | | G | 1970 | 621 |
| MOON | 100K | | MAESTLIN G: GEOLOGY | | | G | 1969 | 622 |
| MOON | 25K | | APOLLO SITE 5: GEOLOGY | | | G | 1969 | 623 |
| MOON | 100K | | WICHMANN G: GEOLOGY | -- | -- | G | 1974 | 624 |
| MOON | 25K | | APOLLO SITE 4 & 4R: GEOLOGY | | | G | 1971 | 625 |
| MOON | 100K | | FLAMSTEED R: GEOLOGY | | | G | 1972 | 626 |
| MOON | 100K | | LANSBERG P: GEOLOGY | -- | -- | G | 1971 | 627 |
| MOON | 1M | LAC 25 | CASSINI: GEOLOGY | 40 | 2W | G | 1970 | 666 |
| MOON | 100K | | BONPLAND PQC: GEOLOGY | -- | -- | G | 1971 | 678 |
| MOON | 50K | | SABINE EB: GEOLOGY | | | G | 1971 | 679 |
| MOON | 1M | LAC 96 | RUPES ALTA: GEOLOGY | -24 | 20E | G | 1971 | 690 |
| MOON | 1M | LAC 125 | SCHILLER: GEOLOGY | -54 | 35W | G | 1971 | 691 |
| MOON | 100K | | BONPLAND H: GEOLOGY | -- | -- | G | 1971 | 693 |
| MOON | 1M | LAC 114 | RHEITA: GEOLOGY | -40 | 46E | G | 1971 | 694 |
| MOON | 1M | LAC 113 | MAUROLYCUS: GEOLOGY | -40 | 22E | G | 1972 | 695 |
| MOON | 1M | LAC 12 | PLATO: GEOLOGY | 54 | 5W | G | 1972 | 701 |
| MOON | 1M | LAC 127 | HOMMEL: GEOLOGY | -54 | 25E | G | 1972 | 702 |
| MOON | 5M | | LUNAR NEARSIDE: GEOLOGY | | | G | 1971 | 703 |
| MOON | 1M | LAC 26 | EUDOXUS: GEOLOGY | 40 | 22E | G | 1972 | 705 |
| MOON | 1M | LAC 126 | CLAVIUS: GEOLOGY | -54 | 5W | G | 1971 | 706 |
| MOON | 1M | LAC 44 | CLEOMEDES: GEOLOGY | 24 | 60E | G | 1972 | 707 |
| MOON | 250K | | FRA MAURO: GEOLOGY | | | G | 1970 | 708-1/2 |
| MOON | 25K | | FRA MAURO: GEOLOGY | | | G | 1970 | 708-2/2 |
| MOON | 1M | LAC 112 | TYCHO: GEOLOGY | -40 | 2W | G | 1972 | 713 |
| MOON | 1M | LAC 79 | COLUMBUS: GEOLOGY | -8 | 40E | G | 1972 | 714 |
| MOON | 1M | LAC 97 | FRACASTORIUS: GEOLOGY | -24 | 40E | G | 1972 | 720 |
| MOON | 1M | LAC 61 | TARUNTIUS: GEOLOGY | 8 | 40E | G | 1972 | 722 |
| MOON | 250K | | APENNINE HADLEY: GEOLOGY | | | G | 1971 | 723-1/2 |
| MOON | 50K | | APENNINE HADLEY: GEOLOGY | | | G | 1971 | 723-2/2 |
| MOON | 1M | LAC 13 | ARISTOTELES: GEOLOGY | 54 | 25E | G | 1972 | 725 |
| MOON | 1M | LAC 80 | LANGRENUS: GEOLOGY | -8 | 60E | G | 1973 | 739 |
| MOON | 1M | LAC 74 | GRIMALDI: GEOLOGY | -8 | 60W | G | 1973 | 740 |
| MOON | 250K | | DESCARTES: GEOLOGY | | | G | 1972 | 748-1/2 |

March 21, 1992

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MOON | 50K | | DESCARTES: GEOLOGY | | | G | 1972 | 748-2/2 |
| MOON | 1M | LAC 92 | BYRGIUS: GEOLOGY | -24 | 60W | G | 1973 | 755 |
| MOON | 1M | LAC 98 | PETAVIUS: GEOLOGY | -24 | 60E | G | 1973 | 794 |
| MOON | 1M | LAC 43 | MACROBIUS: GEOLOGY | 24 | 40E | G | 1972 | 799 |
| MOON | 50K | | TAURUS LITTROW: GEOLOGY | | | G | 1972 | 800-1/2 |
| MOON | 250K | | TAURUS LITTROW: GEOLOGY | | | G | 1972 | 800-2/2 |
| MOON | 1M | LAC 23 | RUMKER: GEOLOGY | 40 | 50W | G | 1973 | 805 |
| MARS | 25M | | GLOBAL: RELIEF 1st ed. | | | 1R | 1972* | 810 |
| MOON | 250K | | CENSORINUS: GEOLOGY | | | G | 1973 | 811 |
| MOON | 1M | LAC 95 | PURBACH: GEOLOGY | -24 | 0 | G | 1974 | 822 |
| MOON | 1M | LAC 110 | SCHICKARD: GEOLOGY | -40 | 50W | G | 1974 | 823 |
| MOON | 1M | LAC 111 | WILHELM: GEOLOGY | -40 | 26W | G | 1974 | 824 |
| MOON | 1M | LAC 62 | MARE UNDARUM: GEOLOGY | 8 | 60E | G | 1974 | 837 |
| MOON | 250K | | COPERNICUS CRATER: GEOLOGY | -- | -- | G | 1975 | 840 |
| MOON | 1M | LAC 27 | GEMINUS: GEOLOGY | 40 | 46E | G | 1974 | 841 |
| MARS | 5M | MC- 9 | THARSIS: GEOLOGY | 15 | 112 | G | 1975 | 893 |
| MARS | 5M | MC-10 | LUNAE PALUS: GEOLOGY | 15 | 68 | G | 1975 | 894 |
| MARS | 5M | MC-11 | OXIA PALUS: GEOLOGY | 15 | 22 | G | 1976 | 895 |
| MARS | 5M | MC-17 | PHOENICIS LACUS: GEOLOGY | -15 | 112 | G | 1978 | 896 |
| MARS | 5M | MC-18 | COPRATES: GEOLOGY | -15 | 68 | G | 1978 | 897 |
| MERCURY | 10M | | GLOBAL: MOSAIC | | | 1SM | 1974 | 903 |
| MARS | 5M | MC-27 | NOACHIS: GEOLOGY | -48 | 330 | G | 1977 | 910 |
| MARS | 5M | MC-26 | ARGYRE: RELIEF | -48 | 30 | R | 1975 | 923 |
| MARS | 5M | MC-17 | PHOENICIS LACUS: RELIEF | -15 | 112 | R | 1975* | 924 |
| MARS | 5M | MC-10 | LUNAE PALUS: RELIEF | 15 | 68 | R | 1975* | 925 |
| MARS | 5M | MC- 9 | THARSIS: RELIEF | 15 | 112 | R | 1975* | 926 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: RELIEF | -15 | 22 | R | 1975* | 927 |
| MARS | 5M | MC-18 | COPRATES: RELIEF | -15 | 68 | R | 1975* | 928 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: RELIEF | 15 | 292 | R | 1975* | 929 |
| MARS | 5M | MC-15 | ELYSIUM: GEOLOGY | 15 | 202 | G | 1976 | 935 |
| MARS | 1M | | CHRYSE | 20 | 34 | R | 1976 | 939 |
| MARS | 25M | | GLOBAL: RELIEF 2nd ed. | | | 2R | 1975* | 940 |
| MARS | 5M | MC-28 | HELLAS: GEOLOGY | -48 | 270 | G | 1976 | 941 |
| MOON | 250K | | HYGINUS: GEOLOGY | -- | -- | G | 1976 | 945 |
| MARS | 1M | | CYDONIA | 40 | 10 | R | 1975 | 946 |
| MARS | 1M | | ERYTHRAEUM | -24 | 26 | R | 1975 | 947 |
| MOON | 5M | | EAST SIDE: GEOLOGY | -- | -- | G | 1977 | 948 |
| MARS | 5M | MC-11 | OXIA PALUS: RELIEF | 15 | 22 | R | 1976* | 955 |
| MARS | 5M | MC- 8 | AMAZONIS: RELIEF | 15 | 158 | R | 1976* | 956 |
| MARS | 1M | | NEREIDUM MONTES | -45 | 42 | R | 1976 | 957 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: RELIEF | 48 | 30 | R | 1975* | 958 |
| MERCURY | 5M | H-15 | BACH | -90 | 0 | R | 1976 | 959 |
| MERCURY | 5M | H- 6 | KUIPER | 0 | 36 | R | 1976 | 960 |
| MARS | 25M | | GLOBAL: TOPO 3rd ed. | | | 3RMC | 1976* | 961 |
| MARS | 5M | MC- 3 | ARCADIA: RELIEF | 48 | 90 | R | 1975* | 963 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: TOPO | 15 | 292 | RMC | 1976 | 967 |
| MARS | 5M | MC- 1 | MARE BOREUM: RELIEF | 90 | 0 | R | 1976* | 969 |
| MARS | 5M | MC-30 | MARE AUSTRALE: RELIEF | -90 | 0 | R | 1976* | 970 |
| MARS | 5M | MC-10 | LUNAE PALUS: TOPO | 15 | 68 | RMC | 1976 | 971 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: TOPO | -15 | 22 | RMC | 1976 | 975 |
| MARS | 5M | MC-18 | COPRATES: TOPO | -15 | 68 | RMC | 1976 | 976 |
| MARS | 5M | MC- 9 | THARSIS: TOPO | 15 | 112 | RMC | 1976 | 977 |
| MARS | 5M | MC-11 | OXIA PALUS: TOPO | 15 | 22 | RMC | 1976 | 978 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: TOPO | 48 | 30 | RMC | 1976 | 979 |
| MARS | 1M | | CHRYSE: TOPO | 20 | 34 | RMC | 1976 | 983 |
| MARS | 5M | MC-17 | PHOENICIS LACUS: TOPO | -15 | 112 | RMC | 1976 | 984 |
| MARS | 5M | MC-26 | ARGYRE: TOPO | -48 | 30 | RMC | 1976 | 985 |
| MARS | 1M | | ERYTHRAEUM: TOPO | -24 | 26 | RMC | 1976 | 986 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | 1M | | CYDONIA: TOPO | 44 | 10 | RMC | 1976 | 988 |
| MARS | 5M | MC- 2 | DIACRIA: RELIEF | 48 | 150 | R | 1976* | 989 |
| MARS | 250K | | CYDONIA HIGH-RES | 44 | | CM | 1976 | 990 |
| MARS | 250K | | CHRYSE HIGH-RES | 20 | 34 | CM | 1976 | 991 |
| MERCURY | 5M | H- 8 | TOLSTOY | 0 | 180 | R | 1976 | 993 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: GEOLOGY | 15 | 292 | G | 1977 | 995 |
| MARS | 5M | MC-12 | ARABIA: GEOLOGY | 15 | 338 | G | 1977 | 996 |
| MARS | 5M | MC-23 | AEOLIS: RELIEF | -15 | 202 | R | 1976* | 1000 |
| MARS | 5M | MC-23 | AEOLIS: TOPO | -15 | 202 | RMC | 1976 | 1001 |
| MARS | 1M | | NEREIDUM MONTES: TOPO | -45 | 42 | RMC | 1977 | 1002 |
| MARS | 5M | MC-29 | ERIDANIA: GEOLOGY | -48 | 210 | G | 1978 | 1008 |
| MARS | 5M | MC-21 | IAPYGIA: GEOLOGY | -15 | 292 | G | 1977 | 1020 |
| MARS | 5M | MC-14 | AMENTHES: RELIEF | 15 | 248 | R | 1977* | 1023 |
| MARS | 5M | MC-14 | AMENTHES: TOPO | 15 | 248 | RMC | 1977 | 1024 |
| MARS | 1M | | CAPRI | - 4 | 39 | R | 1977 | 1026 |
| MARS | 5M | MC- 1 | MARE BOREUM: TOPO | 90 | 0 | RMC | 1977 | 1027 |
| MERCURY | 5M | H- 7 | BEETHOVEN | 0 | 108 | R | 1977 | 1029 |
| MERCURY | 5M | H-11 | DISCOVERY | -45 | 45 | R | 1977 | 1030 |
| MOON | 5M | | LUNAR WEST SIDE: GEOLOGY | | | G | 1977 | 1034 |
| MARS | 5M | MC- 6 | CASIUS: GEOLOGY | 48 | 270 | G | 1973 | 1038 |
| MARS | 1M | | CAPRI: TOPO | - 4 | 39 | RMC | 1977 | 1046 |
| MOON | 5M | | CENTRAL FARSIDE: GEOLOGY | -- | -- | G | 1978 | 1047 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: GEOLOGY | 48 | 30 | G | 1978* | 1048 |
| MARS | 5M | MC- 8 | AMAZONIS: GEOLOGY | 15 | 158 | G | 1978 | 1049 |
| MARS | 5M | MC-20 | SINUS SABAEUS: RELIEF | -15 | 338 | R | 1978* | 1050 |
| MARS | 5M | MC- 5 | ISMENIUS LACUS: RELIEF | 48 | 330 | R | 1978* | 1052 |
| MARS | 1M | | TRITONIUM LACUS | 20 | 252 | R | 1977 | 1055 |
| MERCURY | 5M | H- 1 | BOREALIS | 90 | 0 | R | 1977 | 1056 |
| MERCURY | 5M | H- 2 | VICTORIA | 45 | 45 | R | 1977 | 1057 |
| MARS | 250K | | YORKTOWN HIGH-RES | 22 | 48 | CM | 1977 | 1059 |
| MARS | 250K | | CANBERRA HIGH-RES | 48 | 226 | CM | 1977 | 1060 |
| MARS | 1M | | UTOPIA | 46 | 230 | CMC | 1975 | 1061 |
| MOON | 5M | | LUNAR NORTH SIDE: GEOLOGY | | | G | 1978 | 1062 |
| MARS | 5M | MC- 5 | ISMENIUS LACUS: GEOLOGY | 48 | 330 | G | 1978 | 1065 |
| MERCURY | 5M | H- 3/4 | SHAKESPEARE | 45 | 135 | R | 1977 | 1066 |
| MERCURY | 5M | H-12/13 | MICHELANGELO | -45 | 135 | R | 1977 | 1067 |
| MARS | 1M | | CHRYSE WEST | 23 | 50 | CMC | 1977 | 1068 |
| MARS | 1M | | CHRYSE EAST | 22 | 35 | CMC | 1977 | 1069 |
| MARS | 5M | MC-22 | MARE TYRRHENUM: GEOLOGY | -15 | 248 | G | 1978 | 1073 |
| MARS | 5M | MC-16 | MEMNONIA: RELIEF | -15 | 158 | R | 1978* | 1075 |
| MARS | 5M | MC-30 | MARE AUSTRALE: GEOLOGY | -90 | 0 | G | 1978 | 1076 |
| MARS | 5M | MC-25 | THAUMASIA: GEOLOGY | -48 | 90 | G | 1978 | 1077 |
| MARS | 5M | MC-12 | ARABIA: RELIEF | 15 | 338 | R | 1978* | 1079 |
| MARS | 25M | | GLOBAL: GEOLOGIC MAP | | | G | 1978 | 1083 |
| MOON | 5M | | ORIENTALE BASIN | -20 | 95 | R | 1978 | 1089 |
| MARS | 5M | MC-14 | AMENTHES: GEOLOGY | 15 | 248 | G | 1979 | 1110 |
| MARS | 5M | MC-23 | AEOLIS: GEOLOGY | -15 | 202 | G | 1978 | 1111 |
| MARS | 5M | MC-21 | IAPYGIA: RELIEF | -15 | 292 | R | 1978* | 1118 |
| MARS | 5M | MC- 6 | CASIUS: TOPO | 48 | 270 | RMC | 1978 | 1119 |
| MARS | 5M | MC- 7 | CEBRENIA: TOPO | 48 | 210 | RMC | 1978 | 1120 |
| MARS | 5M | MC- 6 | CASIUS: RELIEF | 48 | 270 | R | 1978* | 1121 |
| MARS | 5M | MC- 7 | CEBRENIA: RELIEF | 48 | 210 | R | 1978* | 1122 |
| MARS | 5M | MC-22 | MARE TYRRHENUM: RELIEF | -15 | 248 | R | 1978 | 1123 |
| MARS | 5M | MC-15 | ELYSIUM: RELIEF | 15 | 202 | R | 1978* | 1131 |
| MARS | 5M | MC-15 | ELYSIUM: TOPO | 15 | 202 | RMC | 1978 | 1135 |
| MARS | 5M | MC-16 | MEMNONIA: GEOLOGY | -15 | 158 | G | 1979 | 1137 |
| MARS | 5M | MC- 7 | CEBRENIA: GEOLOGY | 48 | 210 | G | 1979 | 1140 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: GEOLOGY | -15 | 22 | G | 1979 | 1144 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | 5M | MC-24 | PHAETHONTIS: GEOLOGY | -48 | 150 | G | 1979 | 1145 |
| MERCURY | 15M | | GLOBAL: RELIEF | | | 1R | 1979 | 1149 |
| MARS | 5M | MC- 3 | ARCADIA: GEOLOGY | 48 | 90 | G | 1979 | 1154 |
| MOON | 5M | | LUNAR SOUTH SIDE: GEOLOGY | | | G | 1979 | 1162 |
| MARS | 5M | MC-25 | THAUMASIA: RELIEF | -48 | 90 | R | 1979 | 1164 |
| MARS | 5M | MC-25 | THAUMASIA: TOPO | -48 | 90 | RMC | 1979 | 1165 |
| MARS | 5M | MC-24 | PHAETHONTIS: RELIEF | -48 | 150 | R | 1979 | 1166 |
| MARS | 5M | MC-24 | PHAETHONTIS: TOPO | -48 | 150 | RMC | 1979 | 1167 |
| MARS | 5M | MC-27 | NOACHIS: RELIEF | -48 | 330 | R | 1979 | 1168 |
| MARS | 5M | MC-28 | HELLAS: RELIEF | -48 | 270 | R | 1979 | 1169 |
| MARS | 5M | MC-29 | ERIDANIA: RELIEF | -46 | 210 | R | 1979 | 1170 |
| MERCURY | 15M | | GLOBAL: TOPO | | | 1RM | 1979 | 1171 |
| MERCURY | 5M | | CALORIS BASIN | 30 | 149 | R | 1979 | 1172 |
| MARS | 5M | MC-26 | ARGYRE: GEOLOGY | -48 | 30 | G | 1980 | 1181 |
| MARS | 2M | MC-18 SW | COPRATES SW | -22 | 79 | CM | 1979 | 1183 |
| MARS | 2M | MC-18 SE | COPRATES SE | -22 | 56 | CM | 1979 | 1184 |
| MARS | 2M | MC-16 NE | MEMNONIA NE | - 7 | 146 | CM | 1979 | 1185 |
| MARS | 2M | MC-16 NW | MEMNONIA NW | - 7 | 169 | CM | 1979 | 1186 |
| MARS | 2M | MC-16 SE | MEMNONIA SE | -22 | 146 | CM | 1979 | 1187 |
| MARS | 2M | MC-16 SW | MEMNONIA SW | -22 | 169 | CM | 1979 | 1188 |
| MARS | 2M | MC-17 SW | PHOENICIS LACUS SW | -22 | 124 | CM | 1979 | 1189 |
| MARS | 2M | MC-17 SE | PHOENICIS LACUS SE | -22 | 101 | CM | 1979 | 1190 |
| MARS | 2M | MC-26 NW | ARGYRE NW | -39 | 56 | CM | 1979 | 1191 |
| MARS | 2M | MC-26 NC | ARGYRE NC | -39 | 34 | CM | 1979 | 1192 |
| MARS | 2M | MC-26 NE | ARGYRE NE | -39 | 11 | CM | 1979 | 1193 |
| MARS | 5M | MC-20 | SINUS SABAEUS: GEOLOGY | -15 | 338 | G | 1980 | 1196 |
| MERCURY | 5M | H- 8 | TOLSTOY: GEOLOGY | 0 | 180 | G | 1980 | 1199 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW | - 7 | 124 | CM | 1979 | 1205 |
| MARS | 2M | MC-17 NE | PHOENICIS LACUS NE | - 7 | 101 | CM | 1979 | 1206 |
| MARS | 2M | MC-18 NW | COPRATES NW | - 7 | 79 | CM | 1979 | 1207 |
| MARS | 2M | MC-18 NE | COPRATES NE | - 7 | 56 | CM | 1979 | 1208 |
| MARS | 2M | MC-19 SW | MARGARITIFER SINUS SW | -22 | 34 | CM | 1979 | 1209 |
| MARS | 2M | MC-19 SE | MARGARITIFER SINUS SE | -22 | 11 | CM | 1979 | 1210 |
| MARS | 2M | MC-20 SW | SINUS SABAEUS SW | -22 | 349 | CM | 1979* | 1211 |
| MARS | 2M | MC-20 SE | SINUS SABAEUS SE | -22 | 326 | CM | 1979 | 1212 |
| MARS | 2M | MC-23 NW | AEOLIS NW | - 7 | 214 | CM | 1979 | 1213 |
| MARS | 2M | MC-23 SW | AEOLIS SW | -22 | 214 | CM | 1979 | 1214 |
| MARS | 2M | MC-23 SE | AEOLIS SE | -22 | 191 | CM | 1979 | 1215 |
| MOON | 5M | | LUNAR FARSIDE: TOPO | 0 | 180 | AN | 1980 | 1218A-1/2 |
| MOON | 5M | | LUNAR FARSIDE: RELIEF | 0 | 180 | R | 1980 | 1218B-2/2 |
| MERCURY | 5M | H- 6 | KUIPER: GEOLOGY | 0 | 36 | G | 1981 | 1233 |
| CALLISTO | 25M | | GLOBAL: TOPO | 0 | 0 | 1RM | 1979 | 1239 |
| IO | 25M | | GLOBAL: TOPO | 0 | 0 | 1RM | 1979 | 1240 |
| EUROPA | 25M | | GLOBAL: TOPO | 0 | 0 | 1RM | 1979 | 1241 |
| GANYMEDE | 25M | | GLOBAL: TOPO | | | 1RM | 1979 | 1242 |
| MARS | | | VIKING LANDER 1 PANORAMAS | | | M | 1980 | 1243-5 |
| MARS | 5M | MC-17 | PHOENICIS LACUS: RELIEF REV | -15 | 112 | RN | 1980 | 1252 |
| MARS | 5M | MC-18 | COPRATES: RELIEF REVISED | -15 | 68 | RN | 1980 | 1253 |
| MARS | 2M | MC- 9 NE | THARSIS NE | 22 | 101 | CM | 1980 | 1258 |
| MARS | 2M | MC- 9 NW | THARSIS NW | 22 | 124 | CM | 1980* | 1259 |
| MARS | 2M | MC- 9 SE | THARSIS SE | 7 | 101 | CM | 1980 | 1260 |
| MARS | 2M | MC- 9 SW | THARSIS SW | 7 | 124 | CM | 1980* | 1261 |
| MARS | 2M | MC-25 NE | THAUMASIA NE | -39 | 79 | CM | 1980* | 1262 |
| MARS | 2M | MC-25 NW | THAUMASIA NW | -39 | 101 | CM | 1980 | 1263 |
| MARS | 5M | | ARGYRE PLANITA | -50 | 44 | RN | 1980 | 1264 |
| MARS | 2M | MC- 9 NW | THARSIS NW: FLOW MAP | 22 | 124 | G | 1982 | 1266 |
| MARS | 2M | MC- 9 NE | THARSIS NE: FLOW MAP | 22 | 101 | G | 1982 | 1267 |
| MARS | 2M | MC- 9 SW | THARSIS SW: FLOW MAP | 7 | 124 | G | 1982 | 1268 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | 2M | MC- 9 SE | THARSIS SE: FLOW MAP | 7 | 101 | G | 1982 | 1269 |
| MARS | 2M | MC-16 NE | MEMNONIA NE: FLOW MAP | - 7 | 146 | G | 1982 | 1270 |
| MARS | 2M | MC-16 SE | MEMNONIA SE: FLOW MAP | -22 | 146 | G | 1982 | 1271 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW: FLOW MAP | - 7 | 124 | G | 1982 | 1272 |
| MARS | 2M | MC-25 NW | THAUMASIA NW: FLOW MAP | -39 | 101 | G | 1982 | 1273 |
| MARS | 2M | MC-17 SE | PHOENICIS LACUS SE: FLOW MAP | -22 | 101 | G | 1982 | 1274 |
| MARS | 2M | MC-17 SW | PHOENICIS LACUS SW: FLOW MAP | -22 | 124 | G | 1982 | 1275 |
| MARS | 2M | MC- 2 SE | DIACRIA SE: FLOW MAP | 39 | 124 | G | 1981 | 1276 |
| MARS | 2M | MC-17 NE | PHOENICIS LACUS NE: FLOW MAP | - 7 | 101 | G | 1982 | 1277 |
| MARS | 2M | MC- 3 SW | ARCADIA SW: FLOW MAP | 39 | 101 | G | 1982 | 1278 |
| MARS | 2M | MC- 8 NE | AMAZONIS NE: FLOW MAP | 22 | 146 | G | 1982 | 1279 |
| MARS | 2M | MC- 8 SE | AMAZONIS SE: FLOW MAP | 7 | 146 | G | 1982 | 1280 |
| MARS | 2M | MC-24 NE | PHAETHONTIS NE: FLOW MAP | -39 | 124 | G | 1982 | 1281 |
| MARS | 5M | MC- 2 | DIACRIA: GEOLOGY | 48 | 150 | G | 1981 | 1286 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: RLF REV | -15 | 22 | RN | 1980 | 1293 |
| MARS | 500K | | TITHONIUM CHASMA: ORTHOPHOTO | - 6 | 85.5 | OMT | 1980 | 1294 |
| MARS | 2M | MC-18 NW | COPRATES NW: RELIEF | - 7 | 79 | R | 1981 | 1295 |
| MARS | 5M | MC-20 | SINUS SABAEUS: RELIEF REVISED | -15 | 338 | RN | 1980 | 1296 |
| MARS | 2M | MC-10 NW | LUNAE PALUS NW | 22 | 79 | CM | 1980 | 1303 |
| MARS | 2M | MC-10 NE | LUNAE PALUS NE | 22 | 56 | CM | 1980 | 1305 |
| MARS | 2M | MC-10 SW | LUNAE PALUS SW | 7 | 79 | CM | 1980 | 1306 |
| MARS | 2M | MC-10 SE | LUNAE PALUS SE | 7 | 56 | CM | 1980 | 1307 |
| MARS | 15M | | WESTERN REGION: RELIEF | 0 | 90 | R | 1982 | 1320 |
| MARS | 15M | | EASTERN REGION: RELIEF | 0 | 270 | R | 1982 | 1321 |
| MARS | 15M | | POLAR REGIONS: RELIEF | 90&-90 | 0 | R | 1982 | 1322 |
| VENUS | 50M | | GLOBAL: RLF/COLOR CONTOUR | 6 | 60 | RKT | 1980 | 1324 |
| MOON | 5M | | LUNAR POLAR REGIONS: TOPO | 90&-90 | 0 | AN | 1981 | 1326A-1/2 |
| MOON | 5M | | LUNAR POLAR REGIONS: RELIEF | 90&-90 | 0 | R | 1981 | 1326B-2/2 |
| MARS | 2M | MC- 2 NW | DIACRIA NW | 56 | 165 | CM | 1981 | 1328 |
| MARS | 2M | MC- 8 NE | AMAZONIS NE | 22 | 146 | CM | 1981 | 1331 |
| MARS | 2M | MC- 8 SW | AMAZONIS SW | 7 | 169 | CM | 1981 | 1332 |
| MARS | 2M | MC- 8 SE | AMAZONIS SE | 7 | 146 | CM | 1981 | 1333 |
| MARS | 2M | MC- 8 NW | AMAZONIS NW | 22 | 169 | CM | 1981 | 1334 |
| MARS | 2M | MC-24 NE | PHAETHONTIS NE | -39 | 124 | CM | 1981* | 1335 |
| MARS | 2M | MC-24 NC | PHAETHONTIS NC | -39 | 146 | CM | 1981* | 1336 |
| MARS | 2M | MC-29 SE | ERIDANIA SE | -56 | 195 | CM | 1982 | 1337 |
| MARS | 2M | MC-29 SW | ERIDANIA SW | -56 | 225 | CM | 1982 | 1338 |
| MARS | 2M | MC-29 NE | ERIDANIA NE | -39 | 191 | CM | 1982 | 1339 |
| MARS | 2M | MC-29 NC | ERIDANIA NC | -39 | 214 | CM | 1982 | 1340 |
| MARS | 2M | MC-29 NW | ERIDANIA NW | -39 | 236 | CM | 1982 | 1341 |
| MARS | 2M | MC-11 SE | OXIA PALUS SE | 7 | 11 | CM | 1981 | 1342 |
| MARS | 2M | MC-11 SW | OXIA PALUS SW | 7 | 34 | CM | 1981 | 1343 |
| MARS | 2M | MC-11 NE | OXIA PALUS NE | 22 | 11 | CM | 1981 | 1344 |
| MARS | 2M | MC-11 NW | OXIA PALUS NW | 22 | 34 | CM | 1981 | 1345 |
| MARS | 2M | MC- 4 NW | MARE ACIDALIUM NW | 56 | 45 | CM | 1981 | 1347 |
| MARS | 2M | MC- 4 NE | MARE ACIDALIUM NE | 56 | 15 | CM | 1981 | 1348 |
| MARS | 2M | MC- 4 SW | MARE ACIDALIUM SW | 39 | 56 | CM | 1981 | 1349 |
| MARS | 2M | MC- 4 SC | MARE ACIDALIUM SC | 39 | 34 | CM | 1981 | 1350 |
| MARS | 2M | MC- 4 SE | MARE ACIDALIUM SE | 39 | 11 | CM | 1981 | 1851 |
| MARS | 2M | MC- 3 SE | ARCADIA SE | 39 | 79 | CM | 1981 | 1352 |
| MARS | 2M | MC- 3 NE | ARCADIA NE | 56 | 75 | CM | 1981 | 1353 |
| MARS | 2M | MC- 3 SW | ARCADIA SW | 39 | 101 | CM | 1981* | 1354 |
| MARS | 2M | MC- 3 NW | ARCADIA NW | 56 | 105 | CM | 1981 | 1355 |
| MARS | 2M | MC- 2 SC | DIACRIA SC | 39 | 124 | CM | 1981 | 1356 |
| MARS | 2M | MC- 2 SE | DIACRIA SE | 39 | 124 | CM | 1981 | 1357 |
| MARS | 2M | MC- 2 SW | DIACRIA SW | 39 | 169 | CM | 1981* | 1358 |
| MARS | 2M | MC- 2 NE | DIACRIA NE | 56 | 135 | CM | 1981 | 1359 |
| MARS | | | VIKING LANDER 1 PANORAMAS | | | M | 1982 | 1366-5 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | | | VIKING LANDER 1 PANORAMAS | | | M | 1982 | 1367-5 |
| MARS | | | VIKING LANDER 1 PANORAMAS | | | M | 1982 | 1368-5 |
| MARS | 2M | MC-20 NW | SINUS SABAEUS NW | - 7 | 349 | CM | 1981 | 1376 |
| MARS | 2M | MC-20 NE | SINUS SABAEUS NE | - 7 | 326 | CM | 1981 | 1377 |
| MARS | 2M | | OLYMPUS MONS | 22 | 138 | CM | 1981 | 1379 |
| MARS | 2M | MC-19 NW | MARGARITIFER SINUS NW | - 7 | 34 | CM | 1981 | 1381 |
| MARS | 2M | MC-19 NE | MARGARITIFER SINUS NE | - 7 | 11 | CM | 1981 | 1382 |
| MARS | 2M | MC-15 SW | ELYSIUM SW | 7 | 214 | CM | 1981 | 1384 |
| MARS | 2M | MC-15 NE | ELYSIUM NE | 22 | 191 | CM | 1981 | 1385 |
| MARS | 2M | MC-15 NW | ELISIUM NW | 22 | 214 | CM | 1981* | 1386 |
| MARS | 2M | MC-15 SE | ELYSIUM SE | 7 | 191 | CM | 1981* | 1387 |
| RHEA | 10M | | GLOBAL: TOPO 1st ed. | --- | --- | 1AN | 1981* | 1388 |
| DIONE | 10M | | GLOBAL: TOPO 1st ed. | 0 | 0 | 1AN | 1981* | 1389 |
| TETHYS | 10M | | GLOBAL: TOPO 1st ed. | --- | --- | 1AN | 1981* | 1390 |
| MIMAS | 5M | | GLOBAL | | | 1AN | 1981* | 1391 |
| MARS | 5M | MC- 2 | DIACRIA: RELIEF REVISED | 48 | 150 | RN | 1981 | 1392 |
| MARS | 2M | MC-27 SE | NOACHIS SE | -56 | 315 | CM | 1981* | 1393 |
| MARS | 2M | MC-27 NC | NOACHIS NC | -39 | 326 | CM | 1981 | 1394 |
| MARS | 2M | MC-27 NW | NOACHIS NW | -39 | 349 | CM | 1981 | 1395 |
| MARS | 2M | MC-27 NE | NOACHIS NE | -39 | 304 | CM | 1981* | 1396 |
| MARS | 2M | MC- 7 NE | CEBRENIA NE | 56 | 195 | CM | 1981 | 1397 |
| MARS | 2M | MC- 7 SC | CEBRENIA SC | 39 | 214 | CM | 1981 | 1398 |
| MARS | 2M | MC- 7 SE | CEBRENIA SE | 39 | 191 | CM | 1981 | 1399 |
| MERCURY | 5M | H- 3 | SHAKESPEARE: GEOLOGY | 45 | 135 | G | 1983 | 1408 |
| MERCURY | 5M | H- 2 | VICTORIA: GEOLOGY | 45 | 45 | G | 1983 | 1409 |
| MARS | 2M | MC-13 SE | SYRTIS MAJOR SE | 7 | 281 | CM | 1982 | 1412 |
| MARS | 2M | MC-13 SW | SYRTIS MAJOR SW | 7 | 304 | CM | 1982 | 1413 |
| MARS | 2M | MC-13 NE | SYRTIS MAJOR NE | 22 | 281 | CM | 1982 | 1414 |
| MARS | 2M | MC-13 NW | SYRTIS MAJOR NW | 22 | 304 | CM | 1982 | 1415 |
| MARS | 2M | MC-14 NE | AMENTHES NE | 22 | 236 | CM | 1982 | 1426 |
| MARS | 2M | MC-14 NW | AMENTHES NW | 22 | 259 | CM | 1982 | 1427 |
| MARS | 2M | MC-14 SE | AMENTHES SE | 7 | 236 | CM | 1982 | 1428 |
| MARS | 2M | MC-14 SW | AMENTHES SW | 7 | 259 | CM | 1982 | 1429 |
| MARS | 2M | MC- 6 NW | CASIUS NW | 56 | 285 | CM | 1982* | 1431 |
| MARS | 2M | MC- 6 SE | CASIUS SE | 39 | 259 | CM | 1983* | 1432 |
| MARS | 2M | MC- 5 NE | ISMENIUS LACUS NE | 56 | 315 | CM | 1982 | 1433 |
| MARS | 2M | MC- 5 NW | ISMENIUS LACUS NW | 56 | 345 | CM | 1982 | 1434 |
| MARS | 2M | MC- 5 SC | ISMENIUS LACUS SC | 39 | 326 | CM | 1982* | 1435 |
| MARS | 2M | MC- 5 SE | ISMENIUS LACUS SE | 39 | 304 | CM | 1982* | 1436 |
| MARS | 2M | MC- 5 SW | ISMENIUS LACUS SW | 39 | 349 | CM | 1982 | 1437 |
| MARS | 2M | MC-21 NE | IAPYGIA NE | - 7 | 281 | CM | 1982 | 1438 |
| MARS | 2M | MC-21 NW | IAPYGIA NW | - 7 | 304 | CM | 1982* | 1439 |
| MARS | 2M | MC-21 SE | IAPYGIA SE | -22 | 281 | CM | 1982 | 1440 |
| MARS | 2M | MC-21 SW | IAPYGIA SW | -22 | 304 | CM | 1982 | 1441 |
| MARS | 5M | | CHRYSE PLANITIA | -12 | 47 | RN | 1982 | 1448 |
| MARS | 2M | MC-28 NE | HELLAS NE | -39 | 259 | CM | 1982 | 1451 |
| MARS | 2M | MC-28 NW | HELLAS NW | -39 | 281 | CM | 1982 | 1452 |
| MARS | 2M | MC-28 SE | HELLAS SE | -56 | 255 | CM | 1982 | 1453 |
| MARS | 2M | MC-28 SW | HELLAS SW | -56 | 285 | CM | 1982 | 1454 |
| MARS | 2M | MC-12 NE | ARABIA NE | 22 | 326 | CM | 1982* | 1464 |
| MARS | 2M | MC-12 SW | ARABIA SW | 7 | 349 | CM | 1982 | 1465 |
| MARS | 2M | MC-12 SE | ARABIA SE | 7 | 326 | CM | 1982 | 1466 |
| MARS | 2M | MC-12 NW | ARABIA NW | 22 | 349 | CM | 1982 | 1467 |
| MARS | 2M | MC-22 NW | MARE TYRRHENUM NW | - 7 | 259 | CM | 1982 | 1468 |
| MARS | 2M | MC-22 NE | MARE TYRRHENUM NE | - 7 | 236 | CM | 1982 | 1469 |
| MARS | 2M | MC-22 SE | MARE TYRRHENUM SE | -22 | 236 | CM | 1982 | 1470 |
| MARS | 2M | MC-22 SW | MARE TYRRHENUM SW | -22 | 259 | CM | 1982 | 1471 |
| MARS | 5M | MC- 7 | CEBRENIA: RELIEF REVISED | 48 | 210 | RN | 1984 | 1475 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | 5M | MC- 4 | MARE ACIDALIUM: RELIEF REV | 48 | 30 | RN | 1982 | 1476 |
| MARS | 5M | MC- 3 | ARCADIA: RELIEF REVISED | 48 | 90 | RN | 1982 | 1477 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW: RELIEF | - 7 | 124 | R | 1982 | 1478 |
| RHEA | 10M | | GLOBAL: TOPO 2nd ed. | --- | --- | 2AN | 1982 | 1484 |
| ENCELADUS | 5M | | GLOBAL: TOPO | 0 | 0 | 1AN | 1981 | 1485 |
| IAPETUS | 10M | | GLOBAL: TOPO | 0 | 0 | 1AN | 1982 | 1486 |
| TETHYS | 10M | | GLOBAL: TOPO 2nd ed. | --- | --- | 2AN | 1982 | 1487 |
| DIONE | 10M | | GLOBAL: TOPO 2nd ed. | 0 | 0 | 2AN | 1982 | 1488 |
| MIMAS | 5M | | GLOBAL | | | 2AN | 1982 | 1489 |
| IO | 5M | Ji- 2 | RUWA PATERA: TOPO | 0 | 0 | AN | 1984 | 1491-1/2 |
| IO | 5M | Ji- 2 | RUWA PATERA | 0 | 0 | A | 1984 | 1491-2/2 |
| EUROPA | 5M | Je- 3 | PELORUS LINEA: TOPO | 0 | 180 | AN | 1984 | 1493 |
| IO | 2M | | KANE PATERA: MOSAIC | -32 | 8 | CM | 1983 | 1494 |
| IO | 1M | | MAASAW PATERA: MOSAIC | -42 | 342 | CM | 1983* | 1494 |
| IO | 2M | | RA PATERA: MOSAIC | - 8 | 315 | CM | 1983 | 1494 |
| MARS | 5M | MC- 5 | ISMENIUS LACUS: RELIEF REV | 48 | 330 | RN | 1982 | 1495 |
| MARS | 2M | MC-23 NE | AEOLIS NE | - 7 | 191 | CM | 1982 | 1497 |
| GANYMEDE | 5M | Jg- 7 | MEMPHIS FACULA: TOPO | 0 | 108 | AN | 1984 | 1498-1/2 |
| GANYMEDE | 5M | Jg- 7 | MEMPHIS FACULA | 0 | 108 | A | 1984 | 1498-2/2 |
| EUROPA | 5M | Je- 4 | SIDON FLEXUS: TOPO | -90 | 0 | AN | 1984 | 1499 |
| MARS | 5M | MC-10 | LUNAE PALUS: RELIEF REVISED | 15 | 68 | RN | 1984 | 1511 |
| MARS | | | VIKING LANDER 2 PANORAMAS | | | M | 1984 | 1515-5 |
| MARS | | | VIKING LANDER 2 PANORAMAS | | | M | 1984 | 1516-5 |
| MARS | | | VIKING LANDER 2 PANORAMAS | | | M | 1984 | 1517-5 |
| MARS | | | VIKING LANDER 2 PANORAMAS | | | M | 1984 | 1518-5 |
| MARS | 2M | MC- 7 NW | CEBRENIA NW | 56 | 225 | CM | 1983 | 1521 |
| MARS | 2M | MC- 6 SW | CASIUS SW | 39 | 281 | CM | 1983 | 1525 |
| MARS | 15M | | WESTERN REGION: TOPO | 0 | 90 | AN | 1985 | 1535-1/2 |
| MARS | 15M | | EASTERN REGION: TOPO | 0 | 270 | AN | 1985 | 1535-2/2 |
| GANYMEDE | 5M | Jg- 8 | URUK SULCUS: TOPO | 0 | 180 | AN | 1984 | 1536-1/2 |
| GANYMEDE | 5M | Jg- 8 | URUK SULCUS | 0 | 180 | A | 1984 | 1536-2/2 |
| GANYMEDE | 5M | Jg- 9 | TIAMAT SULCUS: TOPO | 0 | 252 | AN | 1984 | 1548-1/2 |
| GANYMEDE | 5M | Jg- 9 | TIAMAT SULCUS | 0 | 252 | A | 1984 | 1548-2/2 |
| IO | 5M | Ji- 4 | LERNA: TOPO | -90 | 0 | AN | 1984 | 1549-1/2 |
| IO | 5M | Ji- 4 | LERNA | -90 | 0 | A | 1984 | 1549-2/2 |
| IO | 5M | Ji- 3 | COLCHIS: TOPO | 0 | 180 | AN | 1984 | 1550-1/2 |
| IO | 5M | Ji- 3 | COLCHIS | 0 | 180 | A | 1984 | 1550-2/2 |
| MARS | 5M | MC-11 | OXIA PALUS: RELIEF REVISED | 15 | 22 | RN | 1984 | 1551 |
| MARS | 5M | MC-23 | AEOLIS: RELIEF REVISED | -15 | 202 | RN | 1984 | 1552 |
| MARS | 2M | MC-24 NW | PHAETHONTIS NW | -39 | 169 | CM | 1983 | 1553 |
| MARS | 5M | MC-16 | MEMNONIA: RELIEF REVISED | -15 | 158 | RN | 1984 | 1554 |
| MARS | 2M | MC-24 NC | PHAETHONTIS NC: REVISED | -39 | 146 | CM | 1983 | 1555 |
| VENUS | 50M | | GLOBAL: PLANNING MAP | 6 | 60 | RT | 1984 | 1562-1/2 |
| VENUS | 50M | | GLOBAL: RELIEF | 6 | 60 | R | 1984 | 1562-2/2 |
| MARS | 2M | MC- 6 NE | CASIUS NE | 56 | 255 | CM | 1983* | 1563 |
| MARS | 2M | MC- 7 SW | CEBRENIA SW | 39 | 236 | CM | 1983 | 1564 |
| GANYMEDE | 5M | Jg- 4 | PHILUS SULCUS: TOPO | 44 | 225 | AN | 1985 | 1565-1/2 |
| GANYMEDE | 5M | Jg- 4 | PHILUS SULCUS | 44 | 225 | A | 1985 | 1565-2/2 |
| MARS | 2M | MC-15 NW | ELYSIUM NW: REVISED | 22 | 214 | CM | 1984 | 1681 |
| MARS | 2M | MC-15 SE | ELYSIUM SE: REVISED | 7 | 191 | CM | 1984 | 1582 |
| MARS | 2M | MC-29 SW | ERIDANIA SW | -56 | 225 | CM | 1984 | 1583 |
| MARS | 2M | MC-27 SW | NOACHIS SW | -56 | 345 | CM | 1984 | 1584 |
| MARS | 2M | MC-27 NE | NOACHIS NE: REVISED | -39 | 304 | CM | 1984 | 1585 |
| MARS | 2M | MC-27 SE | NOACHIS SE: REVISED | -56 | 315 | CM | 1984 | 1586 |
| MARS | 500K | MTM 25067 | LUNAE PLANUM REGION | 25 | 67 | CM | 1984 | 1587 |
| MARS | 500K | MTM 25072 | LUNAE PLANUM REGION | 25 | 72 | CM | 1984 | 1588 |
| MARS | 500K | MTM 00067 | VALLES MARINERIS REGION | 0 | 67 | CM | 1984 | 1589 |
| MARS | 500K | MTM -05067 | VALLES MARINERIS REGION | - 5 | 67 | CM | 1984 | 1590 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | 500K | MTM -10067 | VALLES MARINERIS REGION | -10 | 67 | CM | 1984 | 1591 |
| MARS | 500K | MTM -05072 | VALLES MARINERIS REGION | - 5 | 72 | CM | 1984 | 1592 |
| MARS | 500K | MTM -10072 | VALLES MARINERIS REGION | -10 | 72 | CM | 1984 | 1593 |
| MARS | 2M | MC- 3 SW | ARCADIA SW: REVISED | 39 | 101 | CM | 1984 | 1597 |
| MARS | 2M | MC- 2 SW | DIACRIA SW: REVISED | 39 | 169 | CM | 1984 | 1598 |
| MARS | 500K | MTM 00072 | VALLES MARINERIS REGION | 0 | 72 | CM | 1984 | 1599 |
| MARS | 2M | MC-25 SE | THAUMASIA SE | -56 | 75 | CM | 1984 | 1600 |
| MARS | 2M | MC-24 NE | PHAETHONTIS NE: REVISED | -39 | 124 | CM | 1984 | 1601 |
| MARS | 2M | MC-25 NE | THAUMASIA NE: REVISED | -39 | 79 | CM | 1984 | 1602 |
| MARS | 2M | MC-24 SE | PHAETHONTIS SE | -56 | 135 | CM | 1984 | 1603 |
| MARS | 2M | MC-25 SW | THAUMASIA SW | -56 | 105 | CM | 1984 | 1604 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: GEOLOGY REV | 48 | 30 | G | 1984 | 1614 |
| MARS | 15M | | WESTERN REGION: RELIEF/NOMEN | 0 | 90 | RN | 1985 | 1618-1/3 |
| MARS | 15M | | EASTERN REGION: RELIEF/NOMEN | 0 | 270 | RN | 1985 | 1618-2/3 |
| MARS | 15M | | POLAR REGIONS: RELIEF/NOMEN | 90&-90 | 0 | RN | 1985 | 1618-3/3 |
| MARS | 2M | MC- 6 NW | CASIUS NW: REVISED | 56 | 285 | CM | 1985 | 1619 |
| MARS | 2M | MC- 5 SC | ISMENIUS LACUS SC: REVISED | 39 | 326 | CM | 1985 | 1620 |
| MARS | 2M | MC- 9 NW | THARSIS NW: REVISED | 22 | 124 | CM | 1985 | 1621 |
| MARS | 2M | MC- 9 SW | THARSIS SW: REVISED | 7 | 124 | CM | 1985 | 1622 |
| MARS | 2M | MC-21 NW | IAPYGIA NW: REVISED | - 7 | 304 | CM | 1985 | 1623 |
| MARS | 2M | MC-12 NE | ARABIA NE: REVISED | 22 | 326 | CM | 1985 | 1624 |
| MARS | 2M | MC-30 H | MARE AUSTRALE H | -71 | 248 | CM | 1985 | 1625 |
| MARS | 2M | MC-30 G | MARE AUSTRALE G | -71 | 203 | CM | 1985 | 1628 |
| MARS | 2M | MC- 5 SE | ISMENIUS LACUS SE: REVISED | 39 | 304 | CM | 1985 | 1629 |
| MARS | 2M | MC-20 SW | SINUS SABAEUS SW: REVISED | -22 | 349 | CM | 1985 | 1630 |
| MARS | 2M | MC-30 C | MARE AUSTRALE C | -71 | 23 | CM | 1985 | 1633 |
| MARS | 2M | MC-30 D | MARE AUSTRALE D | -71 | 68 | CM | 1985 | 1634 |
| MARS | 2M | MC-30 E | MARE AUSTRALE E | -71 | 113 | CM | 1985 | 1635 |
| MARS | 2M | MC-30 F | MARE AUSTRALE F | -71 | 158 | CM | 1985 | 1636 |
| MARS | 2M | MC-30 I | MARE AUSTRALE I | -71 | 293 | CM | 1985 | 1637 |
| MARS | 2M | MC-30 J | MARE AUSTRALE J | -71 | 338 | CM | 1985 | 1638 |
| MARS | 5M | MC- 1 | MARE BOREUM: GEOLOGY | 90 | 0 | G | 1984 | 1640 |
| MARS | 5M | MC- 6 | CASIUS: RELIEF REVISED | 48 | 270 | RN | 1984 | 1646 |
| MARS | 2M | MC-30 A&B | MARE AUSTRALE A&B | -90 | 0 | CM | 1985 | 1647 |
| MARS | 500K | MTM -05062 | MAJA VALLES REGION | - 5 | 62 | CM | 1985 | 1648 |
| GANYMEDE | 5M | Jg- 3 | GALILEO REGIO: TOPO | 44 | 135 | AN | 1984 | 1649-1/2 |
| GANYMEDE | 5M | Jg- 3 | GALILEO REGIO | 44 | 135 | A | 1984 | 1649-2/2 |
| GANYMEDE | 5M | Jg-10 | MISHARU: TOPO | 0 | 324 | AN | 1984 | 1650-1/2 |
| GANYMEDE | 5M | Jg-10 | MISHARU | 0 | 324 | A | 1984 | 1650-2/2 |
| MARS | 5M | MC-12 | ARABIA: RELIEF REVISED | 15 | 338 | RN | 1984 | 1651 |
| MARS | 500K | MTM -10152 | MANGALA VALLES REGION | -10 | 152 | CM | 1985 | 1652 |
| MARS | 500K | MTM -10157 | MANGALA VALLES REGION | -10 | 157 | CM | 1985 | 1653 |
| MERCURY | 5M | H-11 | DISCOVERY: GEOLOGY | -45 | 45 | G | 1984 | 1658 |
| MERCURY | 5M | H-12 | MICHELANGELO: GEOLOGY | -45 | 135 | G | 1984 | 1659 |
| MERCURY | 5M | H- 1 | BOREALIS: GEOLOGY | 90 | 0 | G | 1984 | 1660 |
| MARS | 500K | MTM -05147 | MANGALA VALLES REGION | - 5 | 147 | CM | 1985 | 1664 |
| MARS | 500K | MTM -05152 | MANGALA VALLES REGION | - 5 | 152 | CM | 1985 | 1665 |
| MARS | 500K | MTM -05157 | MANGALA VALLES REGION | - 5 | 157 | CM | 1985 | 1666 |
| MARS | 2M | MC- 1 C | MARE BOREUM | 71 | 23 | CM | 1985 | 1667 |
| MARS | 2M | MC- 1 D | MARE BOREUM | 71 | 68 | CM | 1985 | 1668 |
| MARS | 2M | MC- 1 E | MARE BOREUM | 71 | 113 | CM | 1985 | 1669 |
| MARS | 2M | MC- 1 F | MARE BOREUM | 71 | 158 | CM | 1985 | 1670 |
| MARS | 2M | MC- 1 G | MARE BOREUM | 71 | 203 | CM | 1985 | 1671 |
| MARS | 2M | MC- 1 H | MARE BOREUM | 71 | 248 | CM | 1985 | 1672 |
| MARS | 2M | MC- 1 I | MARE BOREUM | 71 | 293 | CM | 1985 | 1673 |
| MARS | 2M | MC- 1 J | MARE BOREUM | 71 | 338 | CM | 1985 | 1674 |
| MARS | 500K | MTM 00057 | MAJA VALLES REGION | 0 | 57 | CM | 1985 | 1675 |
| MARS | 500K | MTM 05057 | MAJA VALLES REGION | 5 | 57 | CM | 1985 | 1676 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | 500K | MTM 00062 | MAJA VALLES REGION | 0 | 62 | CM | 1985 | 1677 |
| MARS | 500K | MTM 05062 | MAJA VALLES REGION | 5 | 62 | CM | 1985 | 1678 |
| MARS | 2M | MC- 6 NE | CASIUS NE: REVISED | 56 | 255 | CM | 1985 | 1679 |
| MARS | 2M | MC- 6 SE | CASIUS SE: REVISED | 39 | 259 | CM | 1985 | 1680 |
| MARS | 2M | MC-24 SW | PHAETHONTIS SW | -56 | 165 | CM | 1985 | 1681 |
| MARS | 2M | MC-26 SE | ARGYRE SE | -56 | 15 | CM | 1979 | 1682 |
| MARS | 2M | MC-26 SW | ARGYRE SW | -56 | 45 | CM | 1985 | 1683 |
| MARS | 2M | MC- 9 NW | THARSIS NW: CONTOUR MAP | 22 | 124 | T | 1986 | 1684 |
| MARS | 2M | MC-17 NE | PHOENICIS LACUS NE: CONTOUR | - 7 | 101 | T | 1986 | 1689 |
| MARS | 500K | MTM 20052 | MAJA VALLES REGION | 20 | 52 | CM | 1985 | 1693 |
| MARS | 500K | MTM 15057 | MAJA VALLES REGION | 15 | 57 | CM | 1985 | 1694 |
| MARS | 500K | MTM 10057 | MAJA VALLES REGION | 10 | 57 | CM | 1985 | 1695 |
| MARS | 500K | MTM -10147 | MANGALA VALLES REGION | -10 | 147 | CM | 1985 | 1696 |
| MARS | 500K | MTM -15147 | MANGALA VALLES REGION | -15 | 147 | CM | 1985 | 1697 |
| MARS | 500K | MTM -20147 | MANGALA VALLES REGION | -20 | 147 | CM | 1985 | 1698 |
| MARS | 2M | MC- 1 A&B | MARE BOREUM | 90 | 0 | CM | 1985 | 1703 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: RELIEF REVISED | 15 | 292 | RN | 1985 | 1704-1/2 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: MOSAIC | 15 | 292 | CM | 1985 | 1704-2/2 |
| MARS | 500K | MTM 10052 | MAJA VALLES REGION | 10 | 52 | CM | 1985 | 1707 |
| MARS | 2M | MC- 8 SW | AMAZONIS SW: CONTOUR MAP | 7 | 169 | T | 1986 | 1708 |
| MARS | 2M | MC-16 NE | MEMNONIA NE: CONTOUR MAP | - 7 | 146 | T | 1986 | 1709 |
| MARS | 2M | MC-16 NW | MEMNONIA NW: CONTOUR MAP | - 7 | 169 | T | 1986 | 1710 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW: CONTOUR | - 7 | 124 | T | 1986 | 1711 |
| MARS | 2M | MC-18 NW | COPRATES NW: CONTOUR MAP | - 7 | 79 | T | 1986 | 1712 |
| IO | 15M | | GLOBAL: TOPO | | | IAN | 1987 | 1713-1/3 |
| IO | 15M | | GLOBAL: RELIEF | | | IR | 1987 | 1713-2/3 |
| IO | 15M | | GLOBAL: COLOR MOSAIC | | | CMK | 1987 | 1713-3/3 |
| MARS | 500K | MTM 05047 | MAJA VALLES REGION | 5 | 47 | CM | 1985 | 1716 |
| MARS | 500K | MTM 10047 | MAJA VALLES REGION | 10 | 47 | CM | 1985 | 1717 |
| MARS | 500K | MTM 15047 | MAJA VALLES REGION | 15 | 47 | CM | 1985 | 1718 |
| MARS | 500K | MTM 20047 | MAJA VALLES REGION | 20 | 47 | CM | 1985 | 1719 |
| MARS | 500K | MTM 05052 | MAJA VALLES REGION | 5 | 52 | CM | 1985 | 1720 |
| MARS | 500K | MTM 15052 | MAJA VALLES REGION | 15 | 52 | CM | 1985 | 1721 |
| MARS | 500K | MTM 10077 | KASEI VALLES REGION | 10 | 77 | CM | 1985 | 1722 |
| MARS | 500K | MTM 15077 | KASEI VALLES REGION | 15 | 77 | CM | 1985 | 1723 |
| MARS | 500K | MTM 20057 | MAJA VALLES REGION | 20 | 57 | CM | 1985 | 1732 |
| MARS | 500K | MTM 35102 | ALBA PATERA REGION | 35 | 102 | CM | 1985* | 1733 |
| MARS | 500K | MTM 35107 | ALBA PATERA REGION | 35 | 107 | CM | 1985 | 1734 |
| MARS | 500K | MTM 35112 | ALBA PATERA REGION | 35 | 112 | CM | 1985 | 1735 |
| MARS | 500K | MTM 35117 | ALBA PATERA REGION | 35 | 117 | CM | 1985 | 1736 |
| MARS | 500K | MTM 40102 | ALBA PATERA REGION | 40 | 102 | CM | 1985 | 1737 |
| MARS | 500K | MTM 40107 | ALBA PATERA REGION | 40 | 107 | CM | 1985 | 1738 |
| MARS | 500K | MTM 40112 | ALBA PATERA REGION | 40 | 112 | CM | 1985 | 1739 |
| MARS | 500K | MTM 40117 | ALBA PATERA REGION | 40 | 117 | CM | 1985 | 1740 |
| MARS | 500K | MTM 45102 | ALBA PATERA REGION | 45 | 102 | CM | 1985 | 1741 |
| MARS | 500K | MTM 45107 | ALBA PATERA REGION | 45 | 107 | CM | 1985 | 1742 |
| MARS | 500K | MTM 45112 | ALBA PATERA REGION | 45 | 112 | CM | 1985 | 1743 |
| MARS | 500K | MTM 45117 | ALBA PATERA REGION | 45 | 117 | CM | 1985 | 1744 |
| MARS | 500K | MTM 20207 | ELYSIUM MONS REGION | 20 | 207 | CM | 1985 | 1746 |
| MARS | 500K | MTM 25207 | ELYSIUM MONS REGION | 25 | 207 | CM | 1985 | 1747 |
| MARS | 500K | MTM 20217 | ELYSIUM MONS REGION | 20 | 217 | CM | 1985 | 1748 |
| MARS | 500K | MTM 25217 | ELYSIUM MONS REGION | 25 | 217 | CM | 1985 | 1749 |
| MARS | 500K | MTM 35217 | ELYSIUM MONS REGION | 35 | 217 | CM | 1985 | 1750 |
| MARS | 500K | MTM 20222 | ELYSIUM MONS REGION | 20 | 222 | CM | 1985 | 1751 |
| MARS | 500K | MTM 25222 | ELYSIUM MONS REGION | 25 | 222 | CM | 1985 | 1752 |
| MARS | 500K | MTM 20227 | ELYSIUM MONS REGION | 20 | 227 | CM | 1985 | 1753 |
| MARS | 500K | MTM 25227 | ELYSIUM MONS REGION | 25 | 227 | CM | 1985 | 1754 |
| MARS | 500K | MTM 35227 | ELYSIUM MONS REGION | 35 | 227 | CM | 1985 | 1755 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | 500K | MTM 20212 | ELYSIUM MONS REGION | 20 | 212 | CM | 1985 | 1756 |
| MARS | 500K | MTM 25212 | ELYSIUM MONS REGION | 25 | 212 | CM | 1985 | 1757 |
| MARS | 500K | MTM 30217 | ELYSIUM MONS REGION | 30 | 217 | CM | 1985 | 1758 |
| MARS | 500K | MTM 30222 | ELYSIUM MONS REGION | 30 | 222 | CM | 1985 | 1759 |
| EUROPA | 5M | Je- 4 | SIDON FLEXUS: 2 MOSAICS | -90 | 0 | CM | 1985 | 1760-2 |
| EUROPA | 5M | Je- 3 | PELORUS LINEA: 2 MOSAICS | 0 | 180 | CM | 1985 | 1761-2 |
| GANYMEDE | 5M | Jg-12 | OSIRUS: TOPO | -44 | 135 | AN | 1987 | 1769-1/2 |
| GANYMEDE | 5M | Jg-12 | OSIRUS | -44 | 135 | A | 1987 | 1769-2/2 |
| MARS | 500K | MTM 35207 | ELYSIUM MONS REGION | 35 | 207 | CM | 1985 | 1770 |
| MARS | 500K | MTM 35212 | ELYSIUM MONS REGION | 35 | 212 | CM | 1985 | 1771 |
| MARS | 500K | MTM 35222 | ELYSIUM MONS REGION | 35 | 222 | CM | 1985 | 1772 |
| MARS | 500K | MTM 30207 | ELYSIUM MONS REGION | 30 | 207 | CM | 1986 | 1779 |
| MARS | 500K | MTM 30212 | ELYSIUM MONS REGION | 30 | 212 | CM | 1986 | 1780 |
| MARS | 500K | MTM 30227 | ELYSIUM MONS REGION | 30 | 227 | CM | 1986 | 1781 |
| MARS | 500K | MTM -10182 | APOLLINARIS PATERA REGION | -10 | 182 | CM | 1986 | 1782 |
| MARS | 500K | MTM -10187 | APOLLINARIS PATERA REGION | -10 | 187 | CM | 1986 | 1783 |
| MARS | 500K | MTM -05182 | APOLLINARIS PATERA REGION | - 5 | 182 | CM | 1986 | 1784 |
| MARS | 500K | MTM -05187 | APOLLINARIS PATERA REGION | - 5 | 187 | CM | 1986 | 1785 |
| MARS | 500K | MTM 25077 | KASEI VALLES REGION | 25 | 77 | CM | 1986 | 1786 |
| MARS | 500K | MTM 20077 | KASEI VALLES REGION | 20 | 77 | CM | 1986 | 1787 |
| MARS | 500K | MTM 15072 | KASEI VALLES REGION | 15 | 72 | CM | 1986 | 1788 |
| MARS | 500K | MTM 20072 | KASEI VALLES REGION | 20 | 72 | CM | 1986 | 1789 |
| MARS | 500K | MTM 20067 | KASEI VALLES REGION | 20 | 67 | CM | 1986 | 1790 |
| MARS | 15M | | WESTERN REGION: GEOLOGY | 0 | 90 | G | 1986 | 1802-A |
| MARS | 15M | | EASTERN REGION: GEOLOGY | 0 | 270 | G | 1987 | 1802-B |
| MARS | 15M | | POLAR REGIONS: GEOLOGY | 90&-90 | 0 | G | 1987 | 1802-C |
| GANYMEDE | 5M | Jg- 6 | DARDANUS SULCUS: TOPO | 0 | 36 | AN | 1987 | 1808-1/2 |
| GANYMEDE | 5M | Jg- 6 | DARDANUS SULCUS | 0 | 36 | A | 1987 | 1808-2/2 |
| MARS | 5M | MC-14 | AMENTHES: RELIEF REVISED | 15 | 248 | RN | 1987 | 1809-1/2 |
| MARS | 5M | MC-14 | AMENTHES: MOSAIC | 15 | 248 | CM | 1987 | 1809-2/2 |
| GANYMEDE | 5M | Jg- 1 | ETANA: TOPO | 90 | 0 | AN | 1987 | 1810-1/2 |
| GANYMEDE | 5M | Jg- 1 | ETANA | 90 | 0 | A | 1987 | 1810-2/2 |
| MARS | 500K | MTM 80090 | CHASMA BOREALE: 2 SHEETS | 80 | 90 | CM | 1986 | 1811 |
| MARS | 500K | MTM 80030 | CHASMA BOREALE REGION | 80 | 30 | CM | 1986 | 1812 |
| GANYMEDE | 5M | Jg-11 | NABU: TOPO | -44 | 45 | AN | 1987 | 1816-1/2 |
| GANYMEDE | 5M | Jg-11 | NABU | -44 | 45 | A | 1987 | 1816-2/2 |
| GANYMEDE | 5M | Jg-13 | APSU SULCI: TOPO | -44 | 225 | AN | 1987 | 1817-1/2 |
| GANYMEDE | 5M | Jg-13 | APSU SULCI | -44 | 225 | A | 1987 | 1817-2/2 |
| GANYMEDE | 5M | Jg- 5 | NUN SULCI: TOPO | 44 | 315 | AN | 1987 | 1818-1/2 |
| GANYMEDE | 5M | Jg- 5 | NUN SULCI | 44 | 315 | A | 1987 | 1818-2/2 |
| MERCURY | 10M | | GLOBAL: 1 HEMISPHERE | | | AN | 1987 | 1822 |
| MARS | 500K | MTM 85040 | CHASMA BOREALE: 2 SHEETS | 85 | 40 | CM | 1986 | 1834 |
| MARS | 500K | MTM 80070 | CHASMA BOREALE: 2 SHEETS | 80 | 70 | CM | 1986 | 1835 |
| MARS | 500K | MTM 80050 | CHASMA BOREALE: 2 SHEETS | 80 | 50 | CM | 1986 | 1836 |
| MARS | 500K | MTM 85080 | CHASMA BOREALE: 2 SHEETS | 85 | 80 | CM | 1986 | 1837 |
| MARS | 500K | MTM -80090 | PLANUM AUSTRALE REGION | -80 | 90 | CM | 1986 | 1838 |
| MARS | 500K | MTM -80250 | PLANUM AUSTRALE REGION | -80 | 250 | CM | 1986 | 1839 |
| MARS | 500K | MTM 00077 | CANDOR MENSA REGION | 0 | 77 | CM | 1986 | 1840 |
| MARS | 500K | MTM -05077 | CANDOR MENSA REGION | - 5 | 77 | CM | 1986 | 1841 |
| MARS | 500K | MTM -10077 | CANDOR MENSA REGION | -10 | 77 | CM | 1986 | 1842 |
| MARS | 500K | MTM -85280 | PLANUM AUSTRALE REGION | -85 | 280 | CM | 1986 | 1843 |
| MARS | 500K | MTM -85040 | PLANUM AUSTRALE REGION | -85 | 40 | CM | 1986 | 1844 |
| MARS | 500K | MTM -85080 | PLANUM AUSTRALE REGION | -85 | 80 | CM | 1986* | 1845 |
| IO | 1M | | MAASAW PATERA: MOSAIC | -42 | 342 | CM | 1987 | 1851 |
| MARS | 500K | MTM 10072 | LUNAE PLANUM REGION | 10 | 72 | CM | 1987 | 1856 |
| MARS | 500K | MTM 05067 | LUNAE PLANUM REGION | 5 | 67 | CM | 1987 | 1857 |
| MARS | 500K | MTM -80070 | PLANUM AUSTRALE REGION | -80 | 70 | CM | 1987 | 1858 |
| MARS | 500K | MTM -80050 | PLANUM AUSTRALE REGION | -80 | 50 | CM | 1987 | 1859 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| GANYMEDE | 5M | Jg-15 | HATHOR: TOPO | -90 | 0 | AN | 1987 | 1860-1/2 |
| GANYMEDE | 5M | Jg-15 | HATHOR | -90 | 0 | A | 1987 | 1860-2/2 |
| MARS | 500K | MTM 05072 | LUNAE PLANUM REGION | 5 | 72 | CM | 1987 | 1862 |
| MARS | 500K | MTM 05077 | LUNAE PLANUM REGION | 5 | 77 | CM | 1987 | 1863 |
| MARS | 500K | MTM 20062 | KASEI VALLES REGION | 20 | 62 | CM | 1987 | 1868 |
| MARS | 500K | MTM 25052 | KASEI VALLES REGION | 25 | 52 | CM | 1987 | 1869 |
| MARS | 500K | MTM 25062 | KASEI VALLES REGION | 25 | 62 | CM | 1987 | 1870 |
| GANYMEDE | 5M | Jg-14 | NAMTAR:TOPO | -44 | 315 | AN | 1988 | 1871-1/2 |
| GANYMEDE | 5M | Jg-14 | NAMTAR | -44 | 315 | A | 1988 | 1871-2/2 |
| MARS | 5M | MC- 1 | MARE BOREUM: RELIEF | 90 | 0 | RN | 1988 | 1876 |
| MARS | 500K | MTM -80270 | PLANUM AUSTRALE REGION | -80 | 270 | CM | 1987 | 1877 |
| CALLISTO | 5M | Jc- 6 | VALHALLA: MOSAIC | 0 | 36 | CM | 1990 | 1887 |
| CALLISTO | 5M | Jc- 3 | ASGARD: MOSAIC | 44 | 135 | CM | 1990 | 1888 |
| MARS | 500K | MTM -85240 | PLANUM AUSTRALE REGION | -85 | 240 | CM | 1987 | 1889 |
| GANYMEDE | 5M | Jg- 2 | PERRINE REGIO: TOPO | 44 | 45 | AN | 1988 | 1890-1/2 |
| GANYMEDE | 5M | Jg- 2 | PERRINE REGIO | 44 | 45 | A | 1988 | 1890-2/2 |
| MARS | 500K | MTM 35292 | NILOSYRTIS MENSAE REGION | 35 | 292 | CM | 1988 | 1911 |
| MARS | 500K | MTM 35297 | NILOSYRTIS MENSAE REGION | 35 | 297 | CM | 1988 | 1912 |
| MARS | 500K | MTM 35302 | NILOSYRTIS MENSAE REGION | 35 | 302 | CM | 1988 | 1913 |
| MARS | 500K | MTM 40292 | NILOSYRTIS MENSAE REGION | 40 | 292 | CM | 1988 | 1914 |
| MARS | 500K | MTM 40297 | NILOSYRTIS MENSAE REGION | 40 | 297 | CM | 1988 | 1915 |
| MARS | 500K | MTM 40302 | NILOSYRTIS MENSAE REGION | 40 | 302 | CM | 1988 | 1916 |
| MARS | 500K | MTM -90000 | PLANUM AUSTRALE REGION | -90 | 0 | CM | 1988* | 1917 |
| MARS | 500K | MTM 25047 | MAJA VALLES REGION | 25 | 47 | CM | 1985 | 1918 |
| MARS | 500K | MTM 25057 | MAJA VALLES REGION | 25 | 57 | CM | 1988 | 1919 |
| MIRANDA | 2M | | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-1/3 |
| MIRANDA | 2M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-1/3 |
| ARIEL | 5M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-2/3 |
| ARIEL | 5M | | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-2/3 |
| UMBRIEL | 10M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| OBERON | 10M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| TITANIA | 10M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| UMBRIEL | 10M | | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-3/3 |
| OBERON | 10M | | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-3/3 |
| TITANIA | 10M | | SOUTHERN HEMISPHERE: MOSAIC | -90 | 0 | CM | 1988 | 1920-3/3 |
| RHEA | 5M | | GLOBAL: MOSAIC | --- | --- | CM | 1988 | 1921-1/2 |
| RHEA | 10M | | 6 MOSAICS:0,90,180,270,POLES | 0/90/-90 | --- | CM | 1988 | 1921-2/2 |
| MARS | 5M | MC- 9 | THARSIS: RELIEF REVISED | 15 | 112 | RN | 1988 | 1922-1/2 |
| MARS | 5M | MC- 9 | THARSIS: MOSAIC | 15 | 112 | CM | 1988 | 1922-2/2 |
| MARS | 5M | MC-30 | MARE AUSTRALE: RELIEF REV | -90 | 0 | RN | 1988 | 1928-1/2 |
| MARS | 5M | MC-30 | MARE AUSTRALE: MOSAIC | -90 | 0 | CM | 1988 | 1928-2/2 |
| GANYMEDE | 5M | Jg- 8 | URUK SULCUS: GEOLOGY | 0 | 180 | G | 1988 | 1934 |
| IO | 2M | | RA PATERA: GEOLOGY | - 8 | 315 | G | 1988 | 1949 |
| MARS | 500K | MTM 15062 | LUNAE PLANUM REGION | 15 | 62 | CM | 1988 | 1953 |
| MARS | 500K | MTM 10067 | LUNAE PLANUM REGION | 10 | 67 | CM | 1988 | 1954 |
| MARS | 500K | MTM 15067 | LUNAE PLANUM REGION | 15 | 67 | CM | 1988 | 1955 |
| MARS | 500K | MTM 10062 | LUNAE PLANUM REGION | 10 | 62 | CM | 1988 | 1956 |
| MARS | 500K | | E. MANGALA VALLIS: SITE 1A | | | G | 1989 | 1962 |
| GANYMEDE | 5M | Jg- 4 | PHILUS SULCUS: GEOLOGY | 44 | 225 | G | 1989 | 1966 |
| IO | 5M | Ji- 2 | RUWA PATERA: GEOLOGY | 0 | 0 | G | 1989 | 1980 |
| MARS | 500K | MTM 15132 | OLYMPUS RUPES: GEOLOGY | 15 | 132 | G | 1991 | 2001-2 |
| MARS | 5M | MC-15 | ELYSIUM: RELIEF REVISED | 15 | 202 | RN | 1988 | 2008-1/2 |
| MARS | 5M | MC-15 | ELYSIUM: MOSAIC | 15 | 202 | CM | 1988 | 2008-2/2 |
| MARS | 2M | | VALLES MARINERIS: GEOLOGIC | | | G | 1991 | 2010 |
| MARS | 5M | MC-19 | VALLES MARINERIS: GEOLOGY | -15 | 22 | G | 1991 | 2010 |
| MERCURY | 5M | H-15 | BACH: GEOLOGY | -90 | 0 | G | 1990 | 2015 |
| MARS | 15M | | POLAR REGIONS: CONTOURS | 90&-90 | 0 | T | 1989 | 2030-1/3 |
| MARS | 15M | | WESTERN REGION: CONTOURS | 0 | 90 | T | 1989 | 2030-2/3 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | 15M | | EASTERN REGION: CONTOURS | 0 | 270 | T | 1989 | 2030-3/3 |
| GANYMEDE | 15M | | GLOBAL: TOPO | 0 | 0 | AN | 1991 | 2034 |
| CALLISTO | 15M | | GLOBAL: MOSAIC | 0 | 0 | CM | 1990 | 2035 |
| MARS | 500K | MTM -35267 | HADRIACA REGION | -35 | 267 | CM | 1990 | 2036 |
| MARS | 500K | MTM -35262 | HADRIACA REGION | -35 | 262 | CM | 1990 | 2037 |
| MARS | 500K | MTM -30272 | HADRIACA REGION | -30 | 272 | CM | 1990 | 2038 |
| MARS | 500K | MTM -30267 | HADRIACA REGION | -30 | 267 | CM | 1990 | 2039 |
| MARS | 500K | MTM -30262 | HADRIACA REGION | -30 | 262 | CM | 1990 | 2040 |
| VENUS | 15M | | NORTHERN HEMISPHERE: CONTOURS | 90 | 0 | RKT | 1989 | 2041-1/3 |
| VENUS | 15M | | NORTHERN HEMISPHERE: RELIEF | 90 | 0 | R | 1989 | 2041-2/3 |
| VENUS | 15M | | NORTHERN HEMISPHERE: RADAR | 90 | 0 | CM | 1989 | 2041-3/3 |
| MARS | 500K | MTM -35272 | HADRIACA REGION | -35 | 272 | CM | 1990 | 2042 |
| MARS | 500K | MTM -40267 | HADRIACA REGION | -40 | 267 | CM | 1990 | 2043 |
| MARS | 500K | MTM -40272 | HADRIACA REGION | -40 | 272 | CM | 1990 | 2044 |
| MARS | 500K | MTM -40262 | HADRIACA REGION | -40 | 262 | CM | 1990 | 2045 |
| MERCURY | 5M | H- 7 | BEETHOVEN: GEOLOGY | 0 | 108 | G | 1990 | 2048 |
| IO | 5M | Ji- 4 | LERNA: GEOLOGY | -90 | 0 | G | 1991 | 2055 |
| VENUS | 15M | | NORTHERN HEMISPHERE: GEOLOGY | 90 | 0 | G | 1989 | 2059 |
| MARS | 500K | MTM -25107 | CLARITAS FOSSAE REGION | -25 | 107 | CM | 1990 | 2060 |
| MARS | 500K | MTM -30102 | CLARITAS FOSSAE REGION | -30 | 102 | CM | 1990 | 2061 |
| CALLISTO | 5M | Jc-14 | LEMPO: MOSAIC | -44 | 315 | CM | 1990 | 2062 |
| MARS | 500K | MTM -25252 | TYRRHENA PATERA REGION | -25 | 252 | CM | 1990 | 2063 |
| MARS | 500K | MTM -25247 | TYRRHENA PATERA REGION | -25 | 247 | CM | 1990 | 2064 |
| MARS | 500K | MTM -25247 | TYRRHENA PATERA REGION | -25 | 247 | CM | 1990 | 2065 |
| CALLISTO | 5M | Jc-13 | HOENIR: MOSAIC | -44 | 225 | CM | 1990 | 2066 |
| CALLISTO | 5M | Jc- 5 | ASKR: MOSAIC | 44 | 315 | CM | 1990 | 2067 |
| CALLISTO | 5M | Jc- 4 | GLOI: MOSAIC | 44 | 225 | CM | 1990 | 2068 |
| CALLISTO | 5M | Jc- 2 | VESTRI: MOSAIC | 44 | 45 | CM | 1990 | 2069 |
| CALLISTO | 5M | Jc- 1 | GIPUL CATENA REGION: MOSAIC | 90 | 0 | CM | 1990 | 2070 |
| CALLISTO | 5M | Jc-12 | ILMA: MOSAIC | -44 | 135 | CM | 1990 | 2071 |
| CALLISTO | 5M | Jc-11 | ADLINDA: MOSAIC | -44 | 45 | CM | 1990 | 2072 |
| CALLISTO | 5M | Jc-10 | VALI: MOSAIC | 0 | 324 | CM | 1990 | 2073 |
| CALLISTO | 5M | Jc- 9 | VALFODR: MOSAIC | 0 | 252 | CM | 1990 | 2074 |
| CALLISTO | 5M | Jc- 8 | VIDARR: MOSAIC | 0 | 180 | CM | 1990 | 2075 |
| CALLISTO | 5M | Jc- 7 | NJORD: MOSAIC | 0 | 108 | CM | 1990 | 2076 |
| MARS | 500K | MTM -10172 | MEMNONIA STUDY AREA 6:GEOLOGY | -10 | 172 | G | 1991 | 2084 |
| MARS | 500K | MTM -08157 | WEST MANGALA VALLES: GEOLOGY | - 8 | 157 | G | 1991 | 2087 |
| MARS | 2M | MC-12 NE | ARABIA NE: CONTOUR MAP | 22 | 326 | T | 1991 | 2098 |
| MARS | 2M | MC-12 SE | ARABIA SE: CONTOUR MAP | 7 | 326 | T | 1991 | 2099 |
| MARS | 2M | MC-12 SW | ARABIA SW: CONTOUR MAP | 7 | 349 | T | 1991 | 2100 |
| MARS | 2M | MC-12 NW | ARABIA NW: CONTOUR MAP | 22 | 349 | T | 1991 | 2101 |
| MARS | 2M | MC-21 NE | IAPYGIA NE: CONTOUR MAP | - 7 | 281 | T | 1991 | 2102 |
| MARS | 2M | MC-21 SE | IAPYGIA SE: CONTOUR MAP | -22 | 281 | T | 1991 | 2103 |
| MARS | 2M | MC-21 SW | IAPYGIA SW: CONTOUR MAP | -22 | 304 | T | 1991 | 2104 |
| MARS | 2M | MC-21 NW | IAPYGIA NW: CONTOUR MAP | - 7 | 304 | T | 1991 | 2105 |
| MARS | 500K | | NORTH KASEI VALLES, SITE 2A | | | G | 1991 | 2107 |
| MARS | 2M | MC-16 SE | MEMNONIA SE: CONTOUR MAP | -22 | 146 | T | 1991 | 2109 |
| MARS | 2M | MC-16 SW | MEMNONIA SW: CONTOUR MAP | -22 | 169 | T | 1991 | 2110 |
| MARS | 2M | MC- 9 NE | THARSIS NE: CONTOUR MAP | 22 | 101 | T | 1991 | 2111 |
| MARS | 2M | MC- 9 SE | THARSIS SE: CONTOUR MAP | 7 | 101 | T | 1991 | 2112 |
| MARS | 2M | MC- 9 SW | THARSIS SW: CONTOUR MAP | 7 | 124 | T | 1991 | 2113 |
| MARS | 2M | MC-22 NE | MARE TYRRHENUM NE: CONTOURS | - 7 | 236 | T | 1991 | 2114 |
| MARS | 2M | MC-22 SE | MARE TYRRHENUM SE: CONTOURS | -22 | 236 | T | 1991 | 2115 |
| MARS | 2M | MC-22 SW | MARE TYRRHENUM SW: CONTOURS | -22 | 259 | T | 1991 | 2116 |
| MARS | 2M | MC-22 NW | MARE TYRRHENUM NW: CONTOURS | - 7 | 259 | T | 1991 | 2117 |
| MARS | 2M | MC-23 NE | AEOLIS NE: CONTOUR MAP | - 7 | 191 | T | 1991 | 2118 |
| MARS | 2M | MC-23 SE | AEOLIS SE: CONTOUR MAP | -22 | 191 | T | 1991 | 2119 |
| MARS | 2M | MC-23 SW | AEOLIS SW: CONTOUR MAP | -22 | 214 | T | 1991 | 2120 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | 2M | MC-23 NW | AEOLIS NW: CONTOUR MAP | - 7 | 214 | T | 1991 | 2121 |
| MARS | 2M | MC-20 NE | SINUS SABAEUS NE: CONTOURS | - 7 | 326 | T | 1991 | 2122 |
| MARS | 2M | MC-20 SE | SINUS SABAEUS SE: CONTOURS | -22 | 326 | T | 1991 | 2123 |
| MARS | 2M | MC-20 SW | SINUS SABAEUS SW: CONTOURS | -22 | 349 | T | 1991 | 2124 |
| MARS | 2M | MC-20 NW | SINUS SABAEUS NW: CONTOURS | - 7 | 349 | T | 1991 | 2125 |
| MARS | 2M | MC-15 NE | ELYSIUM NE: CONTOUR MAP | 22 | 191 | T | 1991 | 2126 |
| MARS | 2M | MC-15 SE | ELYSIUM SE: CONTOUR MAP | 7 | 191 | T | 1991 | 2127 |
| MARS | 2M | MC-15 SW | ELYSIUM SW: CONTOUR MAP | 7 | 214 | T | 1991 | 2128 |
| MARS | 2M | MC-15 NW | ELYSIUM NW: CONTOUR MAP | 22 | 214 | T | 1991 | 2129 |
| MARS | 2M | MC-17 SE | PHOENICIS LACUS SE: CONTOURS | -22 | 101 | T | 1991 | 2132 |
| MARS | 2M | MC-17 SW | PHOENICIS LACUS SW: CONTOURS | -22 | 124 | T | 1991 | 2133 |
| MARS | 2M | MC-14 NE | AMENTHES NE: CONTOUR MAP | 22 | 236 | T | 1991 | 2134 |
| MARS | 2M | MC-14 SE | AMENTHES SE: CONTOUR MAP | 7 | 236 | T | 1991 | 2135 |
| MARS | 2M | MC-14 SW | AMENTHES SW: CONTOUR MAP | 7 | 259 | T | 1991 | 2136 |
| MARS | 2M | MC-14 NW | AMENTHES NW: CONTOUR MAP | 22 | 259 | T | 1991 | 2137 |
| MARS | 5M | MC-15 | ELYSIUM REGION: GEOLOGY | 15 | 202 | G | 1991 | 2147 |
| TRITON | 5M | Nt- 2 | SIDR LINEA: TOPO | - 8 | 8 | AN | 1991 | 2153 |
| TRITON | 15M | | GLOBAL: TOPO | | | AN | 1991 | 2154 |
| MIMAS | 2M | | GLOBAL | | | 3AN | 1991 | 2155 |
| ENCELADUS | 2M | | GLOBAL: MOSAIC | 0 | 0 | AN | 1991 | 2156-1/2 |
| ENCELADUS | 2M | | GLOBAL: TOPO | 0 | 0 | CM | 1991 | 2156-2/2 |
| TETHYS | 5M | | GLOBAL: TOPO | --- | --- | AN | 1991 | 2157-1/2 |
| TETHYS | 5M | | GLOBAL: MOSAIC | --- | --- | CM | 1991 | 2157-2/2 |
| DIONE | 5M | | GLOBAL: TOPO | 0 | 0 | AN | 1991 | 2158-1/2 |
| DIONE | 5M | | GLOBAL: MOSAIC | 0 | 0 | CM | 1991 | 2158-2/2 |
| IAPETUS | 10M | | GLOBAL: TOPO | 0 | 0 | 2AN | 1991 | 2159-1/2 |
| IAPETUS | 10M | | GLOBAL: MOSAIC | 0 | 0 | CM | 1991 | 2159-2/2 |
| MARS | 15M | | EASTERN REGION: TOPO | 0 | 270 | AN | 1991 | 2160-1/3 |
| MARS | 15M | | WESTERN REGION: TOPO | 0 | 90 | AN | 1991 | 2160-2/3 |
| MARS | 15M | | POLAR REGIONS: TOPO | 90&-90 | 0 | AN | 1991 | 2160-3/3 |
| MARS | 500K | MTM -10122 | ARSIA MONS REGION | -10 | 122 | CM | 1991 | 2171 |
| MARS | 500K | MTM -10127 | ARSIA MONS REGION | -10 | 127 | CM | 1991 | 2172 |
| MARS | 25M | | GLOBAL: TOPO 4th ed. | | | 4AN | 1991 | 2179 |
| MARS | 5M | MC- 8 | AMAZONIS: RELIEF REVISED | 15 | 158 | RN | 1991 | 2180 |
| MARS | 5M | MC- 8 | AMAZONIS: MOSAIC | 15 | 158 | CM | 1991 | 2180-2/2 |
| MARS | 500K | MTM 45062 | TEMPE FOSSAE REGION | 45 | 62 | CM | 1991 | 2187 |
| MARS | 500K | MTM 45067 | TEMPE FOSSAE REGION | 45 | 67 | CM | 1991 | 2188 |
| MARS | 500K | MTM 50063 | TEMPE FOSSAE REGION | 50 | 63 | CM | 1991 | 2189 |
| MARS | 500K | MTM 35082 | MARIOTIS/TEMPE REGION | 35 | 82 | CM | 1991 | 2190 |
| MARS | 500K | MTM 35087 | MARIOTIS/TEMPE REGION | 35 | 87 | CM | 1991 | 2191 |
| MARS | 500K | MTM 35092 | MARIOTIS/TEMPE REGION | 35 | 92 | CM | 1991 | 2192 |
| MARS | 500K | MTM 40082 | MARIOTIS/TEMPE REGION | 40 | 82 | CM | 1991 | 2193 |
| MARS | 500K | MTM 40087 | MARIOTIS/TEMPE REGION | 40 | 87 | CM | 1991 | 2194 |
| MARS | 500K | MTM 40092 | MARIOTIS/TEMPE REGION | 40 | 92 | CM | 1991 | 2195 |
| MARS | 500K | MTM -05117 | ARSIA MONS REGION | - 5 | 117 | CM | 1991 | 2216 |
| MARS | 500K | MTM -05122 | ARSIA MONS REGION | - 5 | 122 | CM | 1991 | 2217 |
| MARS | 500K | MTM -05127 | ARSIA MONS REGION | - 5 | 127 | CM | 1991 | 2218 |
| MARS | 500K | MTM 10102 | ASCREAUS MONS REGION | 10 | 102 | CM | 1991 | 2219 |
| MARS | 500K | MTM 10107 | ASCREAUS MONS REGION | 10 | 107 | CM | 1991 | 2220 |
| MARS | 500K | MTM -10117 | ARSIA MONS REGION | -10 | 117 | CM | 1991 | 2221 |
| MARS | 500K | MTM -20252 | TYRRHENA PATERA REGION | -20 | 252 | CM | 1991 | 2222 |
| MARS | 500K | MTM -20257 | TYRRHENA PATERA REGION | -20 | 257 | CM | 1991 | 2223 |
| MARS | 500K | MTM -25257 | TYRRHENA PATERA REGION | -25 | 257 | CM | 1991 | 2224 |
| MARS | 500K | MTM 15132 | OLYMPUS MONS REGION | 15 | 132 | CM | 1991 | 2227 |
| MARS | 500K | MTM 15127 | OLYMPUS MONS REGION | 15 | 127 | CM | 1991 | 2228 |
| MARS | 500K | MTM 10137 | OLYMPUS MONS REGION | 10 | 137 | CM | 1991 | 2229 |
| MARS | 500K | MTM -15052 | CAPRI CHASMA REGION | -15 | 52 | CM | 1991 | 2245 |
| MARS | 500K | MTM -10052 | GANGES CHASMA REGION | -10 | 52 | CM | 1991 | 2246 |

# APPENDIX II: LIST OF I-MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | I NUMBER |
|---|---|---|---|---|---|---|---|---|
| MARS | 500K | MTM -10047 | GANGES CHASMA REGION | -10 | 47 | CM | 1991 | 2247 |
| MARS | 500K | MTM 00117 | PAVONIS MONS REGION | 0 | 117 | CM | 1991 | 2248 |
| MARS | 500K | MTM 00112 | PAVONIS MONS REGION | 0 | 112 | CM | 1991 | 2249 |
| MARS | 500K | MTM 05117 | PAVONIS MONS REGION | 5 | 117 | CM | 1991 | 2250 |
| MARS | 500K | MTM 05112 | PAVONIS MONS REGION | 5 | 112 | CM | 1991 | 2251 |
| MARS | 500K | MTM -50043 | ARGYRE PLANITIA REGION | -50 | 43 | CM | 1991 | 2252 |
| MARS | 500K | MTM -50036 | ARGYRE PLANITIA REGION | -50 | 36 | CM | 1991 | 2253 |
| MARS | 500K | MTM -55043 | ARGYRE PLANITIA REGION | -55 | 43 | CM | 1991 | 2254 |
| MARS | 500K | MTM -55036 | ARGYRE PLANITIA REGION | -55 | 36 | CM | 1991 | 2255 |
| MARS | 500K | MTM -15182 | MA'ADIM VALLIS REGION | -15 | 182 | CM | 1991 | 2256 |
| MARS | 500K | MTM -15187 | MA'ADIM VALLIS REGION | -15 | 187 | CM | 1991 | 2257 |
| MARS | 500K | MTM -15192 | MA'ADIM VALLIS REGION | -15 | 192 | CM | 1991 | 2258 |
| MARS | 500K | MTM -20182 | MA'ADIM VALLIS REGION | -20 | 182 | CM | 1991 | 2259 |
| MARS | 500K | MTM -20187 | MA'ADIM VALLIS REGION | -20 | 187 | CM | 1991 | 2260 |
| MARS | 500K | MTM -25182 | MA'ADIM VALLIS REGION | -25 | 182 | CM | 1991 | 2261 |
| MARS | 500K | MTM 35102 | ALBA PATERA REGION: REVISED | 35 | 102 | CM | 1991 | 2262 |
| MARS | 500K | MTM -90000 | PLANUM AUSTRALE: REVISED | -90 | 0 | CM | 1991 | 2269 |
| MARS | 500K | MTM -85080 | PLANUM AUSTRALE: REVISED | -85 | 80 | CM | 1991 | 2270 |
| TRITON | 5M | Nt- 2 | SIDR LINEA: COLOR MOSAIC | - 8 | 8 | CMK | 1991 | 2275 |
| MOON | 5M | | LUNAR NEARSIDE: TOPO | 50/-50 | 0 | AN | 1992 | 2276-1/2 |
| MOON | 5M | | LUNAR NEARSIDE: RELIEF | 50/-50 | 0 | R | 1992 | 2276-2/2 |
| MARS | 500K | MTM 25062 | KASEI VALLES: REVISED | 25 | 62 | CM | 1991 | 2292 |
| MARS | 500K | MTM 25067 | LUNAE PLANUM: REVISED | 25 | 67 | CM | 1991 | 2293 |
| MARS | 500K | MTM -90000 | PLANUM AUSTRALE: GEOLOGY | -90 | 0 | G | 1991 | 2304 |

# APPENDIX II: LIST OF I-MAPS

# 12.0 APPENDIX III:
# LIST OF GEOLOGIC MAPS

# APPENDIX III: LIST OF GEOLOGIC MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| GANYMEDE | 5M | Jg-4 | PHILUS SULCUS: GEOLOGY | 44 | 225 | G | 1989 | 1966 |
| GANYMEDE | 5M | Jg-8 | URUK SULCUS: GEOLOGY | 0 | 180 | G | 1988 | 1934 |
| IO | 5M | Ji-2 | RUWA PATERA: GEOLOGY | 0 | 0 | G | 1989 | 1980 |
| IO | 5M | Ji-4 | LERNA: GEOLOGY | -90 | 0 | G | 1991 | 2055 |
| IO | 2M | | RA PATERA: GEOLOGY | -8 | 315 | G | 1988 | 1949 |
| MARS | 25M | | GLOBAL: GEOLOGIC MAP | | | G | 1978 | 1083 |
| MARS | 15M | | EASTERN REGION: GEOLOGY | 0 | 270 | G | 1987 | 1802-B |
| MARS | 15M | | POLAR REGIONS: GEOLOGY | 90&-90 | 0 | G | 1987 | 1802-C |
| MARS | 15M | | WESTERN REGION: GEOLOGY | 0 | 90 | G | 1986 | 1802-A |
| MARS | 5M | MC-1 | MARE BOREUM: GEOLOGY | 90 | 0 | G | 1984 | 1640 |
| MARS | 5M | MC-2 | DIACRIA: GEOLOGY | 48 | 150 | G | 1981 | 1286 |
| MARS | 5M | MC-3 | ARCADIA: GEOLOGY | 48 | 90 | G | 1979 | 1154 |
| MARS | 5M | MC-4 | MARE ACIDALIUM: GEOLOGY | 48 | 30 | G | 1978* | 1048 |
| MARS | 5M | MC-4 | MARE ACIDALIUM: GEOLOGY REV | 48 | 30 | G | 1984 | 1614 |
| MARS | 5M | MC-5 | ISMENIUS LACUS: GEOLOGY | 48 | 330 | G | 1978 | 1065 |
| MARS | 5M | MC-6 | CASIUS: GEOLOGY | 48 | 270 | G | 1973 | 1038 |
| MARS | 5M | MC-7 | CEBRENIA: GEOLOGY | 48 | 210 | G | 1979 | 1140 |
| MARS | 5M | MC-8 | AMAZONIS: GEOLOGY | 15 | 158 | G | 1978 | 1049 |
| MARS | 5M | MC-9 | THARSIS: GEOLOGY | 15 | 112 | G | 1975 | 893 |
| MARS | 5M | MC-10 | LUNAE PALUS: GEOLOGY | 15 | 68 | G | 1975 | 894 |
| MARS | 5M | MC-11 | OXIA PALUS: GEOLOGY | 15 | 22 | G | 1976 | 895 |
| MARS | 5M | MC-12 | ARABIA: GEOLOGY | 15 | 338 | G | 1977 | 996 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: GEOLOGY | 15 | 292 | G | 1977 | 995 |
| MARS | 5M | MC-14 | AMENTHES: GEOLOGY | 15 | 248 | G | 1979 | 1110 |
| MARS | 5M | MC-15 | ELYSIUM REGION: GEOLOGY | 15 | 202 | G | 1991 | 2147 |
| MARS | 5M | MC-15 | ELYSIUM: GEOLOGY | 15 | 202 | G | 1976 | 935 |
| MARS | 5M | MC-16 | MEMNONIA: GEOLOGY | -15 | 158 | G | 1979 | 1137 |
| MARS | 5M | MC-17 | PHOENICIS LACUS: GEOLOGY | -15 | 112 | G | 1978 | 896 |
| MARS | 5M | MC-18 | COPRATES: GEOLOGY | -15 | 68 | G | 1978 | 897 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: GEOLOGY | -15 | 22 | G | 1979 | 1144 |
| MARS | 5M | MC-19 | VALLES MARINERIS: GEOLOGY | -15 | 22 | G | 1991 | 2010 |
| MARS | 5M | MC-20 | SINUS SABAEUS: GEOLOGY | -15 | 338 | G | 1980 | 1196 |
| MARS | 5M | MC-21 | IAPYGIA: GEOLOGY | -15 | 292 | G | 1977 | 1020 |
| MARS | 5M | MC-22 | MARE TYRRHENUM: GEOLOGY | -15 | 248 | G | 1978 | 1073 |
| MARS | 5M | MC-23 | AEOLIS: GEOLOGY | -15 | 202 | G | 1978 | 1111 |
| MARS | 5M | MC-24 | PHAETHONTIS: GEOLOGY | -48 | 150 | G | 1979 | 1145 |
| MARS | 5M | MC-25 | THAUMASIA: GEOLOGY | -48 | 90 | G | 1978 | 1077 |
| MARS | 5M | MC-26 | ARGYRE: GEOLOGY | -48 | 30 | G | 1980 | 1181 |
| MARS | 5M | MC-27 | NOACHIS: GEOLOGY | -48 | 330 | G | 1977 | 910 |
| MARS | 5M | MC-28 | HELLAS: GEOLOGY | -48 | 270 | G | 1976 | 941 |
| MARS | 5M | MC-29 | ERIDANIA: GEOLOGY | -48 | 210 | G | 1978 | 1008 |
| MARS | 5M | MC-30 | MARE AUSTRALE: GEOLOGY | -90 | 0 | G | 1978 | 1076 |
| MARS | 2M | | VALLES MARINERIS: GEOLOGIC | | | G | 1991 | 2010 |
| MARS | 2M | MC-2 SE | DIACRIA SE: FLOW MAP | 39 | 124 | G | 1981 | 1276 |
| MARS | 2M | MC-3 SW | ARCADIA SW: FLOW MAP | 39 | 101 | G | 1982 | 1278 |
| MARS | 2M | MC-8 NE | AMAZONIS NE: FLOW MAP | 22 | 146 | G | 1982 | 1279 |
| MARS | 2M | MC-8 SE | AMAZONIS SE: FLOW MAP | 7 | 146 | G | 1982 | 1280 |
| MARS | 2M | MC-9 NE | THARSIS NE: FLOW MAP | 22 | 101 | G | 1982 | 1267 |
| MARS | 2M | MC-9 NW | THARSIS NW: FLOW MAP | 22 | 124 | G | 1982 | 1266 |
| MARS | 2M | MC-9 SE | THARSIS SE: FLOW MAP | 7 | 101 | G | 1982 | 1269 |
| MARS | 2M | MC-9 SW | THARSIS SW: FLOW MAP | 7 | 124 | G | 1982 | 1268 |
| MARS | 2M | MC-16 NE | MEMNONIA NE: FLOW MAP | -7 | 146 | G | 1982 | 1270 |
| MARS | 2M | MC-16 SE | MEMNONIA SE: FLOW MAP | -22 | 146 | G | 1982 | 1271 |
| MARS | 2M | MC-17 NE | PHOENICIS LACUS NE: FLOW MAP | -7 | 101 | G | 1982 | 1277 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW: FLOW MAP | -7 | 124 | G | 1982 | 1272 |
| MARS | 2M | MC-17 SE | PHOENICIS LACUS SE: FLOW MAP | -22 | 101 | G | 1982 | 1274 |

# APPENDIX III: LIST OF GEOLOGIC MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 2M | MC-17 SW | PHOENICIS LACUS SW: FLOW MAP | -22 | 124 | G | 1982 | 1275 |
| MARS | 2M | MC-24 NE | PHAETHONTIS NE: FLOW MAP | -39 | 124 | G | 1982 | 1281 |
| MARS | 2M | MC-25 NW | THAUMASIA NW: FLOW MAP | -39 | 101 | G | 1982 | 1273 |
| MARS | 500K | | NORTH KASEI VALLES, SITE 2A | | | G | 1991 | 2107 |
| MARS | 500K | | E. MANGALA VALLIS: SITE 1A | | | G | 1989 | 1962 |
| MARS | 500K | MTM 15132 | OLYMPUS RUPES: GEOLOGY | 15 | 132 | G | 1991 | 2001-2 |
| MARS | 500K | MTM -08157 | WEST MANGALA VALLES: GEOLOGY | - 8 | 157 | G | 1991 | 2087 |
| MARS | 500K | MTM -10172 | MEMNONIA STUDY AREA 6:GEOLOGY | -10 | 172 | G | 1991 | 2084 |
| MARS | 500K | MTM -90000 | PLANUM AUSTRALE: GEOLOGY | -90 | 0 | G | 1991 | 2304 |
| MERCURY | 5M | H- 1 | BOREALIS: GEOLOGY | 90 | 0 | G | 1984 | 1660 |
| MERCURY | 5M | H- 2 | VICTORIA: GEOLOGY | 45 | 45 | G | 1983 | 1409 |
| MERCURY | 5M | H- 3 | SHAKESPEARE: GEOLOGY | 45 | 135 | G | 1983 | 1408 |
| MERCURY | 5M | H- 6 | KUIPER: GEOLOGY | 0 | 36 | G | 1981 | 1233 |
| MERCURY | 5M | H- 7 | BEETHOVEN: GEOLOGY | 0 | 108 | G | 1990 | 2048 |
| MERCURY | 5M | H- 8 | TOLSTOY: GEOLOGY | 0 | 180 | G | 1980 | 1199 |
| MERCURY | 5M | H-11 | DISCOVERY: GEOLOGY | -45 | 45 | G | 1984 | 1658 |
| MERCURY | 5M | H-12 | MICHELANGELO: GEOLOGY | -45 | 135 | G | 1984 | 1659 |
| MERCURY | 5M | H-15 | BACH: GEOLOGY | -90 | 0 | G | 1990 | 2015 |
| MOON | 5M | | CENTRAL FARSIDE: GEOLOGY | -- | -- | G | 1978 | 1047 |
| MOON | 5M | | EAST SIDE: GEOLOGY | -- | -- | G | 1977 | 948 |
| MOON | 5M | | LUNAR NEARSIDE: GEOLOGY | | | G | 1971 | 703 |
| MOON | 5M | | LUNAR NORTH SIDE: GEOLOGY | | | G | 1978 | 1062 |
| MOON | 5M | | LUNAR SOUTH SIDE: GEOLOGY | | | G | 1979 | 1162 |
| MOON | 5M | | LUNAR WEST SIDE: GEOLOGY | | | G | 1977 | 1034 |
| MOON | 1M | LAC 11 | J. HERSCHEL: GEOLOGY | 54 | 35W | G | 1969 | 604 |
| MOON | 1M | LAC 12 | PLATO: GEOLOGY | 54 | 5W | G | 1972 | 701 |
| MOON | 1M | LAC 13 | ARISTOTELES: GEOLOGY | 54 | 25E | G | 1972 | 725 |
| MOON | 1M | LAC 23 | RUMKER: GEOLOGY | 40 | 50W | G | 1973 | 805 |
| MOON | 1M | LAC 24 | SINUS IRIDUM: GEOLOGY | 40 | 26W | G | 1969 | 602 |
| MOON | 1M | LAC 25 | CASSINI: GEOLOGY | 40 | 2W | G | 1970 | 666 |
| MOON | 1M | LAC 26 | EUDOXUS: GEOLOGY | 40 | 22E | G | 1972 | 705 |
| MOON | 1M | LAC 27 | GEMINUS: GEOLOGY | 40 | 46E | G | 1974 | 841 |
| MOON | 1M | LAC 38 | SELEUCUS: GEOLOGY | 24 | 60W | G | 1967 | 527 |
| MOON | 1M | LAC 39 | ARISTARCHUS: GEOLOGY | 24 | 40W | G | 1965 | 465 |
| MOON | 1M | LAC 40 | TIMOCHARIS: GEOLOGY | 24 | 20W | G | 1965 | 462 |
| MOON | 1M | LAC 41 | MONTES APENNINUS: GEOLOGY | 24 | 0 | G | 1966 | 463 |
| MOON | 1M | LAC 42 | MARE SERENITATIS: GEOLOGY | 24 | 20E | G | 1966 | 489 |
| MOON | 1M | LAC 43 | MACROBIUS: GEOLOGY | 24 | 40E | G | 1972 | 799 |
| MOON | 1M | LAC 44 | CLEOMEDES: GEOLOGY | 24 | 60E | G | 1972 | 707 |
| MOON | 1M | LAC 56 | HEVELIUS: GEOLOGY | 8 | 60W | G | 1967 | 491 |
| MOON | 1M | LAC 57 | KEPLER: GEOLOGY | 8 | 40W | G | 1962 | 355 |
| MOON | 1M | LAC 58 | COPERNICUS: GEOLOGY | 8 | 20W | G | 1967 | 515 |
| MOON | 1M | LAC 59 | MARE VAPORUM: GEOLOGY | 8 | 0 | G | 1968 | 548 |
| MOON | 1M | LAC 60 | JULIUS CAESAR: GEOLOGY | 8 | 20E | G | 1967 | 510 |
| MOON | 1M | LAC 61 | TARUNTIUS: GEOLOGY | 8 | 40E | G | 1972 | 722 |
| MOON | 1M | LAC 62 | MARE UNDARUM: GEOLOGY | 8 | 60E | G | 1974 | 837 |
| MOON | 1M | LAC 74 | GRIMALDI: GEOLOGY | -8 | 60W | G | 1973 | 740 |
| MOON | 1M | LAC 75 | LETRONNE: GEOLOGY | -8 | 40W | G | 1963 | 385 |
| MOON | 1M | LAC 76 | RIPHAEUS MTS.: GEOLOGY | -8 | 20W | G | 1965 | 458 |
| MOON | 1M | LAC 77 | PTOLEMAEUS: GEOLOGY | -8 | 0 | G | 1968 | 566 |
| MOON | 1M | LAC 78 | THEOPHILUS: GEOLOGY | -8 | 20E | G | 1968 | 546 |
| MOON | 1M | LAC 79 | COLUMBUS: GEOLOGY | -8 | 40E | G | 1972 | 714 |
| MOON | 1M | LAC 80 | LANGRENUS: GEOLOGY | -8 | 60E | G | 1973 | 739 |
| MOON | 1M | LAC 92 | BYRGIUS: GEOLOGY | -24 | 60W | G | 1973 | 755 |
| MOON | 1M | LAC 93 | MARE HUMORUM: GEOLOGY | -24 | 40W | G | 1967 | 495 |
| MOON | 1M | LAC 94 | PITATUS: GEOLOGY | -24 | 20W | G | 1966 | 485 |

# APPENDIX III: LIST OF GEOLOGIC MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 1M | LAC 95 | PURBACH: GEOLOGY | -24 | 0 | G | 1974 | 822 |
| MOON | 1M | LAC 96 | RUPES ALTA: GEOLOGY | -24 | 20E | G | 1971 | 690 |
| MOON | 1M | LAC 97 | FRACASTORIUS: GEOLOGY | -24 | 40E | G | 1972 | 720 |
| MOON | 1M | LAC 98 | PETAVIUS: GEOLOGY | -24 | 60E | G | 1973 | 794 |
| MOON | 1M | LAC 110 | SCHICKARD: GEOLOGY | -40 | 50W | G | 1974 | 823 |
| MOON | 1M | LAC 111 | WILHELM: GEOLOGY | -40 | 26W | G | 1974 | 824 |
| MOON | 1M | LAC 112 | TYCHO: GEOLOGY | -40 | 2W | G | 1972 | 713 |
| MOON | 1M | LAC 113 | MAUROLYCUS: GEOLOGY | -40 | 22E | G | 1972 | 695 |
| MOON | 1M | LAC 114 | RHEITA: GEOLOGY | -40 | 46E | G | 1971 | 694 |
| MOON | 1M | LAC 125 | SCHILLER: GEOLOGY | -54 | 35W | G | 1971 | 691 |
| MOON | 1M | LAC 126 | CLAVIUS: GEOLOGY | -54 | 5W | G | 1971 | 706 |
| MOON | 1M | LAC 127 | HOMMEL: GEOLOGY | -54 | 25E | G | 1972 | 702 |
| MOON | 250K | | ALPHONSUS: GEOLOGY | | | G | 1969 | 599 |
| MOON | 250K | | APENNINE HADLEY: GEOLOGY | | | G | 1971 | 723-1/2 |
| MOON | 250K | | CENSORINUS: GEOLOGY | | | G | 1973 | 811 |
| MOON | 250K | | COPERNICUS CRATER: GEOLOGY | -- | -- | G | 1975 | 840 |
| MOON | 250K | | DESCARTES: GEOLOGY | | | G | 1972 | 748-1/2 |
| MOON | 250K | | FRA MAURO: GEOLOGY | | | G | 1970 | 708-1/2 |
| MOON | 250K | | TAURUS LITTROW: GEOLOGY | | | G | 1972 | 800-2/2 |
| MOON | 250K | | HYGINUS: GEOLOGY | -- | -- | G | 1976 | 945 |
| MOON | 100K | | BONPLAND H: GEOLOGY | -- | -- | G | 1971 | 693 |
| MOON | 100K | | BONPLAND PQC: GEOLOGY | -- | -- | G | 1971 | 678 |
| MOON | 100K | | FLAMSTEED R: GEOLOGY | | | G | 1972 | 626 |
| MOON | 100K | | LANSBERG P: GEOLOGY | -- | -- | G | 1971 | 627 |
| MOON | 100K | | MAESTLIN G: GEOLOGY | | | G | 1969 | 622 |
| MOON | 100K | | MASKELYN Da: GEOLOGY | | | G | 1970 | 616 |
| MOON | 100K | | OPPOLZER A: GEOLOGY | | | G | 1971 | 620 |
| MOON | 100K | | SABINE D: GEOLOGY | | | G | 1970 | 618 |
| MOON | 100K | | WICHMANN G: GEOLOGY | -- | -- | G | 1974 | 624 |
| MOON | 50K | | ALPHONSUS GA: GEOLOGY | | | G | 1969 | 586 |
| MOON | 50K | | APENNINE HADLEY: GEOLOGY | | | G | 1971 | 723-2/2 |
| MOON | 50K | | DESCARTES: GEOLOGY | | | G | 1972 | 748-2/2 |
| MOON | 50K | | SABINE DM: GEOLOGY | -- | -- | G | 1969 | 594 |
| MOON | 50K | | SABINE EB: GEOLOGY | | | G | 1971 | 679 |
| MOON | 50K | | TAURUS LITTROW: GEOLOGY | | | G | 1972 | 800-1/2 |
| MOON | 25K | | APOLLO SITE 3 & 3R: GEOLOGY | | | G | 1970 | 621 |
| MOON | 25K | | APOLLO SITE 4 & 4R: GEOLOGY | | | G | 1971 | 625 |
| MOON | 25K | | APOLLO SITE 5: GEOLOGY | | | G | 1969 | 623 |
| MOON | 25K | | FRA MAURO: GEOLOGY | | | G | 1970 | 708-2/2 |
| MOON | 25K | | APOLLO LANDING SITE 2: GEOL | | | G | 1970? | 619 |
| VENUS | 15M | | NORTHERN HEMISPHERE: GEOLOGY | 90 | 0 | G | 1989 | 2059 |

# 13.0 APPENDIX IV:
# LIST OF AIRBRUSH MAPS

# APPENDIX IV: LIST OF AIRBRUSH MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| ARIEL | 5M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-2/3 |
| CALLISTO | 25M | | GLOBAL: TOPO | 0 | 0 | 1RM | 1979 | 1239 |
| DIONE | 10M | | GLOBAL: TOPO 1st ed. | 0 | 0 | 1AN | 1981* | 1389 |
| DIONE | 10M | | GLOBAL: TOPO 2nd ed. | 0 | 0 | 2AN | 1982 | 1488 |
| DIONE | 5M | | GLOBAL: TOPO | 0 | 0 | AN | 1991 | 2158-1/2 |
| ENCELADUS | 5M | | GLOBAL: TOPO | 0 | 0 | 1AN | 1981 | 1485 |
| ENCELADUS | 2M | | GLOBAL: MOSAIC | 0 | 0 | AN | 1991 | 2156-1/2 |
| EUROPA | 25M | | GLOBAL: TOPO | 0 | 0 | 1RM | 1979 | 1241 |
| EUROPA | 5M | Je- 3 | PELORUS LINEA: TOPO | 0 | 180 | AN | 1984 | 1493 |
| EUROPA | 5M | Je- 4 | SIDON FLEXUS: TOPO | -90 | 0 | AN | 1984 | 1499 |
| GANYMEDE | 25M | | GLOBAL: TOPO | | | 1RM | 1979 | 1242 |
| GANYMEDE | 15M | | GLOBAL: TOPO | 0 | 0 | AN | 1991 | 2034 |
| GANYMEDE | 5M | Jg- 1 | ETANA | 90 | 0 | A | 1987 | 1810-2/2 |
| GANYMEDE | 5M | Jg- 1 | ETANA: TOPO | 90 | 0 | AN | 1987 | 1810-1/2 |
| GANYMEDE | 5M | Jg- 2 | PERRINE REGIO | 44 | 45 | A | 1988 | 1890-2/2 |
| GANYMEDE | 5M | Jg- 2 | PERRINE REGIO: TOPO | 44 | 45 | AN | 1988 | 1890-1/2 |
| GANYMEDE | 5M | Jg- 3 | GALILEO REGIO | 44 | 135 | A | 1984 | 1649-2/2 |
| GANYMEDE | 5M | Jg- 3 | GALILEO REGIO: TOPO | 44 | 135 | AN | 1984 | 1649-1/2 |
| GANYMEDE | 5M | Jg- 4 | PHILUS SULCUS | 44 | 225 | A | 1985 | 1565-2/2 |
| GANYMEDE | 5M | Jg- 4 | PHILUS SULCUS: TOPO | 44 | 225 | AN | 1985 | 1565-1/2 |
| GANYMEDE | 5M | Jg- 5 | NUN SULCI | 44 | 315 | A | 1987 | 1818-2/2 |
| GANYMEDE | 5M | Jg- 5 | NUN SULCI: TOPO | 44 | 315 | AN | 1987 | 1818-1/2 |
| GANYMEDE | 5M | Jg- 6 | DARDANUS SULCUS | 0 | 36 | A | 1987 | 1808-2/2 |
| GANYMEDE | 5M | Jg- 6 | DARDANUS SULCUS: TOPO | 0 | 36 | AN | 1987 | 1808-1/2 |
| GANYMEDE | 5M | Jg- 7 | MEMPHIS FACULA | 0 | 108 | A | 1984 | 1498-2/2 |
| GANYMEDE | 5M | Jg- 7 | MEMPHIS FACULA: TOPO | 0 | 108 | AN | 1984 | 1498-1/2 |
| GANYMEDE | 5M | Jg- 8 | URUK SULCUS | 0 | 180 | A | 1984 | 1536-2/2 |
| GANYMEDE | 5M | Jg- 8 | URUK SULCUS: TOPO | 0 | 180 | AN | 1984 | 1536-1/2 |
| GANYMEDE | 5M | Jg- 9 | TIAMAT SULCUS | 0 | 252 | A | 1984 | 1548-2/2 |
| GANYMEDE | 5M | Jg- 9 | TIAMAT SULCUS: TOPO | 0 | 252 | AN | 1984 | 1548-1/2 |
| GANYMEDE | 5M | Jg-10 | MISHARU | 0 | 324 | A | 1984 | 1650-2/2 |
| GANYMEDE | 5M | Jg-10 | MISHARU: TOPO | 0 | 324 | AN | 1984 | 1650-1/2 |
| GANYMEDE | 5M | Jg-11 | NABU | -44 | 45 | A | 1987 | 1816-2/2 |
| GANYMEDE | 5M | Jg-11 | NABU: TOPO | -44 | 45 | AN | 1987 | 1816-1/2 |
| GANYMEDE | 5M | Jg-12 | OSIRUS | -44 | 135 | A | 1987 | 1769-2/2 |
| GANYMEDE | 5M | Jg-12 | OSIRUS: TOPO | -44 | 135 | AN | 1987 | 1769-1/2 |
| GANYMEDE | 5M | Jg-13 | APSU SULCI | -44 | 225 | A | 1987 | 1817-2/2 |
| GANYMEDE | 5M | Jg-13 | APSU SULCI: TOPO | -44 | 225 | AN | 1987 | 1817-1/2 |
| GANYMEDE | 5M | Jg-14 | NAMTAR | -44 | 315 | A | 1988 | 1871-2/2 |
| GANYMEDE | 5M | Jg-14 | NAMTAR:TOPO | -44 | 315 | AN | 1988 | 1871-1/2 |
| GANYMEDE | 5M | Jg-15 | HATHOR | -90 | 0 | A | 1987 | 1860-2/2 |
| GANYMEDE | 5M | Jg-15 | HATHOR: TOPO | -90 | 0 | AN | 1987 | 1860-1/2 |
| IAPETUS | 10M | | GLOBAL: TOPO | 0 | 0 | 1AN | 1982 | 1486 |
| IAPETUS | 10M | | GLOBAL: TOPO | 0 | 0 | 2AN | 1991 | 2159-1/2 |
| IO | 25M | | GLOBAL: TOPO | 0 | 0 | 1RM | 1979 | 1240 |
| IO | 15M | | GLOBAL: RELIEF | | | 1R | 1987 | 1713-2/3 |
| IO | 15M | | GLOBAL: TOPO | | | 1AN | 1987 | 1713-1/3 |
| IO | 5M | Ji- 2 | RUWA PATERA | 0 | 0 | A | 1984 | 1491-2/2 |
| IO | 5M | Ji- 2 | RUWA PATERA: TOPO | 0 | 0 | AN | 1984 | 1491-1/2 |
| IO | 5M | Ji- 3 | COLCHIS | 0 | 180 | A | 1984 | 1550-2/2 |
| IO | 5M | Ji- 3 | COLCHIS: TOPO | 0 | 180 | AN | 1984 | 1550-1/2 |
| IO | 5M | Ji- 4 | LERNA | -90 | 0 | A | 1984 | 1549-2/2 |
| IO | 5M | Ji- 4 | LERNA: TOPO | -90 | 0 | AN | 1984 | 1549-1/2 |

# APPENDIX IV: LIST OF AIRBRUSH MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 50M | | MM'71 MARS PLANNING CHART | 65/-65 | 0 | AN | 1971* | JPL |
| MARS | 35.2M | | MARS-1969 | 70/-70 | 0 | A | 1971 | LOWELL |
| MARS | 35.0M | MEC-1 | GLOBAL COLOR+ 6 ORTHOS | 60/-60 | 0 | AN | 1966* | ACIC |
| MARS | 32M | | RELIEF GLOBE OF MARS | | | R | 1981* | USGS |
| MARS | 28.6M | | THE RED PLANET MARS: 3 VIEWS | 0 | 0&120&270 | AN | 1973 | NGS |
| MARS | 25M | | MARS ALBEDO & TOPOGRAPHY | 0 | 0&120&270 | AN | 1973 | LOWELL-3 |
| MARS | 25M | | MARS-1967 | 70/-70 | 0 | A | 1980 | LOWELL |
| MARS | 25M | | MARS-1971 | 70/-70 | 0 | A | 1971 | LOWELL |
| MARS | 25M | | MARS-1973 | 70/-70 | 0 | A | 1974 | LOWELL |
| MARS | 25M | | MARS-1975 TO 1976 | 70/-70 | 0 | AN | 1976 | LOWELL |
| MARS | 25M | | MARS-1978 | 70/-70 | 0 | A | 1978 | LOWELL |
| MARS | 25M | | MARS-1980 | 70/-70 | 0 | A | 1982 | LOWELL |
| MARS | 25M | | MARS-1982 | 70/-70 | 0 | AN | 1983 | LOWELL |
| MARS | 25M | | MARS-1984 | 70/-70 | 0 | AN | 1987 | LOWELL |
| MARS | 25M | | GLOBAL: RELIEF 1st ed. | | | 1R | 1972* | 810 |
| MARS | 25M | | GLOBAL: RELIEF 2nd ed. | | | 2R | 1975* | 940 |
| MARS | 25M | | GLOBAL: TOPO 3rd ed. | | | 3RMC | 1976* | 961 |
| MARS | 25M | | GLOBAL: TOPO 4th ed. | | | 4AN | 1991 | 2179 |
| MARS | 25M | MEC-2 | ALBEDO/MARINER 4 RLF+3 ORTHOS | 70/-75 | 0 | AN | 1967* | ACIC |
| MARS | 25M | NASA CHART | ALBEDO/MARINER 6 & 7 RELIEF | 70/-70 | 0 | AN | 1970? | AMS |
| MARS | 22.0M | | RELIEF/ALBEDO GLOBE | | | AN | 1990 | SKY PUB |
| MARS | 16.7M | | GLOBE OF MARS | | | AN | 1973* | USGS |
| MARS | 15M | | EASTERN REGION: RELIEF | 0 | 270 | R | 1982 | 1321 |
| MARS | 15M | | EASTERN REGION: TOPO | 0 | 270 | AN | 1991 | 2160-1/3 |
| MARS | 15M | | EASTERN REGION: TOPO | 0 | 270 | AN | 1985 | 1535-2/2 |
| MARS | 15M | | POLAR REGIONS: RELIEF | 90&-90 | 0 | R | 1982 | 1322 |
| MARS | 15M | | POLAR REGIONS: TOPO | 90&-90 | 0 | AN | 1991 | 2160-3/3 |
| MARS | 15M | | WESTERN REGION: RELIEF | 0 | 90 | R | 1982 | 1320 |
| MARS | 15M | | WESTERN REGION: TOPO | 0 | 90 | AN | 1985 | 1535-1/2 |
| MARS | 15M | | WESTERN REGION: TOPO | 0 | 90 | AN | 1991 | 2160-2/3 |
| MARS | 10M | | PICTORIAL COLOR MAPS:2 VIEWS | 0 | 0&180 | AN | 1965* | AMS-2 |
| MARS | 5M | MC- 1 | MARE BOREUM: RELIEF | 90 | 0 | R | 1976* | 969 |
| MARS | 5M | MC- 1 | MARE BOREUM: TOPO | 90 | 0 | RMC | 1977 | 1027 |
| MARS | 5M | MC- 2 | DIACRIA: RELIEF | 48 | 150 | R | 1976* | 989 |
| MARS | 5M | MC- 3 | ARCADIA: RELIEF | 48 | 90 | R | 1975* | 963 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: RELIEF | 48 | 30 | R | 1975* | 958 |
| MARS | 5M | MC- 4 | MARE ACIDALIUM: TOPO | 48 | 30 | RMC | 1976 | 979 |
| MARS | 5M | MC- 5 | ISMENIUS LACUS: RELIEF | 48 | 330 | R | 1978* | 1052 |
| MARS | 5M | MC- 6 | CASIUS: RELIEF | 48 | 270 | R | 1978* | 1121 |
| MARS | 5M | MC- 6 | CASIUS: TOPO | 48 | 270 | RMC | 1978 | 1119 |
| MARS | 5M | MC- 7 | CEBRENIA: RELIEF | 48 | 210 | R | 1978* | 1122 |
| MARS | 5M | MC- 7 | CEBRENIA: TOPO | 48 | 210 | RMC | 1978 | 1120 |
| MARS | 5M | MC- 8 | AMAZONIS: RELIEF | 15 | 158 | R | 1976* | 956 |
| MARS | 5M | MC- 9 | THARSIS: RELIEF | 15 | 112 | R | 1975* | 926 |
| MARS | 5M | MC- 9 | THARSIS: TOPO | 15 | 112 | RMC | 1976 | 977 |
| MARS | 5M | MC-10 | LUNAE PALUS: RELIEF | 15 | 68 | R | 1975* | 925 |
| MARS | 5M | MC-10 | LUNAE PALUS: TOPO | 15 | 68 | RMC | 1976 | 971 |
| MARS | 5M | MC-11 | OXIA PALUS: RELIEF | 15 | 22 | R | 1976* | 955 |
| MARS | 5M | MC-11 | OXIA PALUS: TOPO | 15 | 22 | RMC | 1976 | 978 |
| MARS | 5M | MC-12 | ARABIA: RELIEF | 15 | 338 | R | 1978* | 1079 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: RELIEF | 15 | 292 | R | 1975* | 929 |
| MARS | 5M | MC-13 | SYRTIS MAJOR: TOPO | 15 | 292 | RMC | 1976 | 967 |
| MARS | 5M | MC-14 | AMENTHES: RELIEF | 15 | 248 | R | 1977* | 1023 |
| MARS | 5M | MC-14 | AMENTHES: TOPO | 15 | 248 | RMC | 1977 | 1024 |
| MARS | 5M | MC-15 | ELYSIUM: RELIEF | 15 | 202 | R | 1978* | 1131 |
| MARS | 5M | MC-15 | ELYSIUM: TOPO | 15 | 202 | RMC | 1978 | 1135 |
| MARS | 5M | MC-16 | MEMNONIA: RELIEF | -15 | 158 | R | 1978* | 1075 |

# APPENDIX IV: LIST OF AIRBRUSH MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 5M | MC-17 | PHOENICIS LACUS: RELIEF | -15 | 112 | R | 1975* | 924 |
| MARS | 5M | MC-17 | PHOENICIS LACUS: TOPO | -15 | 112 | RMC | 1976 | 984 |
| MARS | 5M | MC-18 | COPRATES: RELIEF | -15 | 68 | R | 1975* | 928 |
| MARS | 5M | MC-18 | COPRATES: TOPO | -15 | 68 | RMC | 1976 | 976 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: RELIEF | -15 | 22 | R | 1975* | 927 |
| MARS | 5M | MC-19 | MARGARITIFER SINUS: TOPO | -15 | 22 | RMC | 1976 | 975 |
| MARS | 5M | MC-20 | SINUS SABAEUS: RELIEF | -15 | 338 | R | 1978* | 1050 |
| MARS | 5M | MC-21 | IAPYGIA: RELIEF | -15 | 292 | R | 1978* | 1118 |
| MARS | 5M | MC-22 | MARE TYRRHENUM: RELIEF | -15 | 248 | R | 1978 | 1123 |
| MARS | 5M | MC-23 | AEOLIS: RELIEF | -15 | 202 | R | 1976* | 1000 |
| MARS | 5M | MC-23 | AEOLIS: TOPO | -15 | 202 | RMC | 1976 | 1001 |
| MARS | 5M | MC-24 | PHAETHONTIS: RELIEF | -48 | 150 | R | 1979 | 1166 |
| MARS | 5M | MC-24 | PHAETHONTIS: TOPO | -48 | 150 | RMC | 1979 | 1167 |
| MARS | 5M | MC-25 | THAUMASIA: RELIEF | -48 | 90 | R | 1979 | 1164 |
| MARS | 5M | MC-25 | THAUMASIA: TOPO | -48 | 90 | RMC | 1979 | 1165 |
| MARS | 5M | MC-26 | ARGYRE: RELIEF | -48 | 30 | R | 1975 | 923 |
| MARS | 5M | MC-26 | ARGYRE: TOPO | -48 | 30 | RMC | 1976 | 985 |
| MARS | 5M | MC-27 | NOACHIS: RELIEF | -48 | 330 | R | 1979 | 1168 |
| MARS | 5M | MC-28 | HELLAS: RELIEF | -48 | 270 | R | 1979 | 1169 |
| MARS | 5M | MC-29 | ERIDANIA: RELIEF | -48 | 210 | R | 1979 | 1170 |
| MARS | 5M | MC-30 | MARE AUSTRALE: RELIEF | -90 | 0 | R | 1976* | 970 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW: RELIEF | - 7 | 124 | R | 1982 | 1478 |
| MARS | 2M | MC-18 NW | COPRATES NW: RELIEF | - 7 | 79 | R | 1981 | 1295 |
| MARS | 1M | | CAPRI: TOPO | - 4 | 39 | RMC | 1977 | 1046 |
| MARS | 1M | | CHRYSE: TOPO | 20 | 34 | RMC | 1976 | 983 |
| MARS | 1M | | CYDONIA: TOPO | 44 | 10 | RMC | 1976 | 988 |
| MARS | 1M | | ERYTHRAEUM: TOPO | -24 | 26 | RMC | 1976 | 986 |
| MARS | 1M | | NEREIDUM MONTES: TOPO | -45 | 42 | RMC | 1977 | 1002 |
| MARS | 1M | | CAPRI | - 4 | 39 | R | 1977 | 1026 |
| MARS | 1M | | CHRYSE | 20 | 34 | R | 1976 | 939 |
| MARS | 1M | | CYDONIA | 40 | 10 | R | 1975 | 946 |
| MARS | 1M | | ERYTHRAEUM | -24 | 26 | R | 1975 | 947 |
| MARS | 1M | | NEREIDUM MONTES | -45 | 42 | R | 1976 | 957 |
| MARS | 1M | | TRITONIUM LACUS | 20 | 252 | R | 1977 | 1055 |
| MERCURY | 32M | | RELIEF GLOBE OF MERCURY | | | R | 1981* | USGS |
| MERCURY | 15M | | GLOBAL: RELIEF | | | 1R | 1979 | 1149 |
| MERCURY | 15M | | GLOBAL: TOPO | | | 1RM | 1979 | 1171 |
| MERCURY | 10M | | GLOBAL: 1 HEMISPHERE | | | AN | 1987 | 1822 |
| MERCURY | 5M | | CALORIS BASIN | 30 | 149 | R | 1979 | 1172 |
| MERCURY | 5M | H- 1 | BOREALIS | 90 | 0 | R | 1977 | 1056 |
| MERCURY | 5M | H- 2 | VICTORIA | 45 | 45 | R | 1977 | 1057 |
| MERCURY | 5M | H- 3/4 | SHAKESPEARE | 45 | 135 | R | 1977 | 1066 |
| MERCURY | 5M | H- 6 | KUIPER | 0 | 36 | R | 1976 | 960 |
| MERCURY | 5M | H- 7 | BEETHOVEN | 0 | 108 | R | 1977 | 1029 |
| MERCURY | 5M | H- 8 | TOLSTOY | 0 | 180 | R | 1976 | 993 |
| MERCURY | 5M | H-11 | DISCOVERY | -45 | 45 | R | 1977 | 1030 |
| MERCURY | 5M | H-12/13 | MICHELANGELO | -45 | 135 | R | 1977 | 1067 |
| MERCURY | 5M | H-15 | BACH | -90 | 0 | R | 1976 | 959 |
| MIMAS | 5M | | GLOBAL | | | 2AN | 1982 | 1489 |
| MIMAS | 5M | | GLOBAL | | | 1AN | 1981* | 1391 |
| MIMAS | 2M | | GLOBAL | | | 3AN | 1991 | 2155 |
| MIRANDA | 2M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-1/3 |
| MOON | 32M | | RELIEF GLOBE OF THE MOON | | | R | 1981* | USGS |
| MOON | 11.6M | | THE EARTH'S MOON | 0&0 | 0&180 | AN | 1969 | NGS |
| MOON | 10.4M | | THE EARTH'S MOON | 0&0 | 0&180 | AN | 1976 | NGS |

# APPENDIX IV: LIST OF AIRBRUSH MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 10.0M | | RELIEF/ALBEDO GLOBE: USSR | | | AN | 1967? | USSR |
| MOON | 8.5M | | RELIEF/ALBEDO GLOBE: NASA | | | AN | 1970? | ACIC |
| MOON | 5M | | LUNAR FARSIDE: RELIEF | 0 | 180 | R | 1980 | 1218B-2/2 |
| MOON | 5M | | LUNAR FARSIDE: TOPO | 0 | 180 | AN | 1980 | 1218A-1/2 |
| MOON | 5M | | LUNAR NEARSIDE: RELIEF | 50/-50 | 0 | R | 1992 | 2276-2/2 |
| MOON | 5M | | LUNAR NEARSIDE: TOPO | 50/-50 | 0 | AN | 1992 | 2276-1/2 |
| MOON | 5M | | LUNAR POLAR REGIONS: RELIEF | 90&-90 | 0 | R | 1981 | 1326B-2/2 |
| MOON | 5M | | LUNAR POLAR REGIONS: TOPO | 90&-90 | 0 | AN | 1981 | 1326A-1/2 |
| MOON | 5M | | ORIENTALE BASIN | -20 | 95 | R | 1978 | 1089 |
| MOON | 2.75M | LOC- 1 | PLANNING CHART: RELIEF | 0 | 90W | RT | 1971 | ACIC |
| MOON | 2.75M | LOC- 2 | PLANNING CHART: RELIEF | 0 | 0 | RT | 1971 | ACIC |
| MOON | 2.75M | LOC- 3 | PLANNING CHART: RELIEF | 0 | 90E | RT | 1971 | ACIC |
| MOON | 2.75M | LOC- 4 | PLANNING CHART: RELIEF | 0 | 180 | RT | 1971 | ACIC |
| MOON | 2.5M | LOC- 2 | PLANNING CHART: RELIEF (OLD) | 0 | 0 | RT | 1969* | ACIC |
| MOON | 2.5M | LOC- 3 | PLANNING CHART: RELIEF (OLD) | 0 | 90E | RT | 1969* | ACIC |
| MOON | 2.5M | LOC- 4 | PLANNING CHART: RELIEF (OLD) | 0 | 180 | RT | 1969* | ACIC |
| MOON | 2.0M | LVC-20 | LANSBURG REGION | 0 | 10W | AN | 1962* | ACIC |
| MOON | 1M | LAC 11 | J. HERSCHEL: TOPO | 54 | 35W | AT | 1967 | ACIC |
| MOON | 1M | LAC 12 | PLATO: TOPO | 54 | 5W | AT | 1967 | ACIC |
| MOON | 1M | LAC 13 | ARISTOTELES: TOPO | 54 | 25E | AT | 1967 | ACIC |
| MOON | 1M | LAC 23 | RUMKER: TOPO | 40 | 50W | AT | 1967 | ACIC |
| MOON | 1M | LAC 24 | SINUS IRIDUM: TOPO | 40 | 26W | AT | 1966* | ACIC |
| MOON | 1M | LAC 25 | CASSINI: TOPO | 40 | 2W | AT | 1966 | ACIC |
| MOON | 1M | LAC 26 | EUDOXUS: TOPO | 40 | 22E | AT | 1967 | ACIC |
| MOON | 1M | LAC 27 | GEMINUS: TOPO | 40 | 46E | AT | 1967 | ACIC |
| MOON | 1M | LAC 38 | SELEUCUS: TOPO | 24 | 60W | AT | 1965 | ACIC |
| MOON | 1M | LAC 39 | ARISTARCHUS: TOPO | 24 | 40W | AT | 1963 | ACIC |
| MOON | 1M | LAC 40 | TIMOCHARIS: TOPO | 24 | 20W | AT | 1963 | ACIC |
| MOON | 1M | LAC 41 | MONTES APENNINES: TOPO | 24 | 0 | AT | 1963 | ACIC |
| MOON | 1M | LAC 42 | MARE SERENITATIS: TOPO | 24 | 20E | AT | 1965 | ACIC |
| MOON | 1M | LAC 43 | MACROBIUS: TOPO | 24 | 40E | AT | 1965 | ACIC |
| MOON | 1M | LAC 44 | CLEOMEDES: TOPO | 24 | 60E | AT | 1965 | ACIC |
| MOON | 1M | LAC 56 | HEVELIUS: TOPO | 8 | 60W | AT | 1963 | ACIC |
| MOON | 1M | LAC 57 | KEPLER: TOPO | 8 | 40W | AT | 1962 | ACIC |
| MOON | 1M | LAC 58 | COPERNICUS: TOPO | 8 | 20W | AT | 1964 | ACIC |
| MOON | 1M | LAC 59 | MARE VAPORUM: TOPO | 8 | 0 | AT | 1966 | ACIC |
| MOON | 1M | LAC 60 | JULIUS CAESAR: TOPO | 8 | 20E | AT | 1962 | ACIC |
| MOON | 1M | LAC 61 | TARUNTIUS: TOPO | 8 | 40E | AT | 1963 | ACIC |
| MOON | 1M | LAC 62 | MARE UNDARUM: TOPO | 8 | 60E | AT | 1964 | ACIC |
| MOON | 1M | LAC 74 | GRIMALDI: TOPO | -8 | 60W | AT | 1962 | ACIC |
| MOON | 1M | LAC 75 | LETRONNE: TOPO | -8 | 40W | AT | 1962 | ACIC |
| MOON | 1M | LAC 76 | MONTES RIPHAEUS: TOPO | -8 | 20W | AT | 1964 | ACIC |
| MOON | 1M | LAC 77 | PTOLEMAEUS: TOPO | -8 | 0 | AT | 1963 | ACIC |
| MOON | 1M | LAC 78 | THEOPHILUS: TOPO | -8 | 20E | AT | 1963 | ACIC |
| MOON | 1M | LAC 79 | COLOMBO: TOPO | -8 | 40E | AT | 1963 | ACIC |
| MOON | 1M | LAC 80 | LANGRENUS: TOPO | -8 | 60E | AT | 1964 | ACIC |
| MOON | 1M | LAC 92 | BYRGIUS: TOPO | -24 | 60W | AT | 1966 | ACIC |
| MOON | 1M | LAC 93 | MARE HUMORUM: TOPO | -24 | 40W | AT | 1962 | ACIC |
| MOON | 1M | LAC 94 | PITATUS: TOPO | -24 | 20W | AT | 1964 | ACIC |
| MOON | 1M | LAC 95 | PURBACH: TOPO | -24 | 0 | AT | 1964 | ACIC |
| MOON | 1M | LAC 96 | RUPES ATLAI: TOPO | -24 | 20E | AT | 1965 | ACIC |
| MOON | 1M | LAC 97 | FRACASTORIUS: TOPO | -24 | 40E | AT | 1965 | ACIC |
| MOON | 1M | LAC 98 | PETAVIUS: TOPO | -24 | 60E | AT | 1966 | ACIC |
| MOON | 1M | LAC 110 | SCHICKARD: TOPO | -40 | 50W | AT | 1967 | ACIC |
| MOON | 1M | LAC 111 | WILHELM: TOPO | -40 | 26W | AT | 1967 | ACIC |
| MOON | 1M | LAC 112 | TYCHO: TOPO | -40 | 2W | AT | 1967 | ACIC |
| MOON | 1M | LAC 113 | MAUROLYCUS: TOPO | -40 | 22E | AT | 1966 | ACIC |

# APPENDIX IV: LIST OF AIRBRUSH MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 1M | LAC 114 | RHEITA: TOPO | -40 | 46E | AT | 1966 | ACIC |
| MOON | 1M | LAC 125 | SCHILLER: TOPO | -54 | 35W | AT | 1967 | ACIC |
| MOON | 1M | LAC 126 | CLAVIUS: TOPO | -54 | 5W | AT | 1967 | ACIC |
| MOON | 1M | LAC 127 | HOMMEL: TOPO | -54 | 25E | AT | 1967 | ACIC |
| MOON | 1M | LM 38 | SELEUCCUS: TOPO | 24 | 60W | R | 1979 | DMA |
| MOON | 1M | LM 39 | ARISTARCHUS: TOPO | 24 | 40W | R | 1978 | DMA |
| MOON | 1M | LM 41 | MONTES APENNINUS: TOPO | 24 | 0 | AN | 1976 | DMAAC |
| MOON | 1M | LM 42 | MARE SERENITATIS: RELIEF | 24 | 20E | AN | 1976 | DMAAC |
| MOON | 1M | LM 60 | JULIUS CAESAR: RELIEF | 8 | 20E | R | 1979 | DMA |
| MOON | 1M | LM 62 | MARE UNDARUM: RELIEF | 8 | 60E | R | 1979 | DMA |
| MOON | 1M | LM 76 | MONTES RIPHEAUS: RELIEF | -8 | 20W | R | 1979 | DMA |
| MOON | 1M | LM 77 | PTOLEMAEUS: RELIEF | -8 | 0 | R | 1979 | DMA |
| MOON | 1M | LM 78 | THEOPHILUS: RELIEF | -8 | 20E | R | 1978 | DMA |
| MOON | 1M | LM 103 | O'DAY: RELIEF | -24 | 160E | R | 1978 | DMA |
| MOON | 1M | LM 104 | VAN DE GRAFF: RELIEF | -24 | 180 | R | 1978 | DMA |
| MOON | 1M | RLC 1 | MARE COGNITUM: RELIEF | - 8 | 20W | RT | 1964* | ACIC |
| MOON | 1M | RLC 6 | HYPATIA: RELIEF | - 1 | 20E | RT | 1966* | ACIC |
| MOON | 1M | RLC 13 | PTOLEMAEUS: RELIEF | - 8 | 0 | RT | 1966* | ACIC |
| MOON | 500K | AIC 57C | ENCKE: TOPO | 4 | 35W | AN | 1966* | ACIC |
| MOON | 500K | AIC 57D | MAESTLIN: TOPO | 4 | 45W | AN | 1966* | ACIC |
| MOON | 500K | AIC 58C | GAMBART: TOPO 1st ed. | 4 | 15W | 1AN | 1965* | ACIC |
| MOON | 500K | AIC 58C | GAMBART: TOPO 2nd ed. | 4 | 25W | 2AN | 1966* | ACIC |
| MOON | 500K | AIC 59C | TRIESNECKER: TOPO | 4 | 5E | AN | 1966* | ACIC |
| MOON | 500K | AIC 59D | PALLAS: TOPO | 4 | 5W | AN | 1966* | ACIC |
| MOON | 500K | AIC 60C | ARAGO: TOPO | 4 | 25E | AN | 1966* | ACIC |
| MOON | 500K | AIC 60D | AGRIPPA: TOPO 1st ed. | 4 | 15E | 1AN | 1965* | ACIC |
| MOON | 500K | AIC 60D | AGRIPPA: TOPO 2nd ed. | 4 | 15E | 2AN | 1966* | ACIC |
| MOON | 500K | AIC 61C | SECCHI: TOPO | 4 | 45E | AN | 1967* | ACIC |
| MOON | 500K | AIC 61D | MASKELYNE D: TOPO | 4 | 35E | AN | 1966* | ACIC |
| MOON | 500K | AIC 75A | FLAMSTEED: TOPO | -4 | 45W | AN | 1966* | ACIC |
| MOON | 500K | AIC 75B | WICHMANN: TOPO | -4 | 35W | AN | 1966* | ACIC |
| MOON | 500K | AIC 76A | EUCLIDES P: TOPO | -4 | 25W | AN | 1966* | ACIC |
| MOON | 500K | AIC 76B | FRA MAURO: TOPO | -4 | 15W | AN | 1966* | ACIC |
| MOON | 500K | AIC 77A | FLAMMARION: TOPO 1st ed | -4 | 5W | 1AN | 1965* | ACIC |
| MOON | 500K | AIC 77A | FLAMMARION: TOPO 2nd ed | -4 | 5W | 2AN | 1966* | ACIC |
| MOON | 500K | AIC 77B | HIPPARCHUS: TOPO | -4 | 5E | AN | 1966* | ACIC |
| MOON | 500K | AIC 78A | DELAMBRE: TOPO | -4 | 15E | AN | 1966* | ACIC |
| MOON | 500K | AIC 78B | TORRICELLI: TOPO | -4 | 25E | AN | 1966* | ACIC |
| MOON | 500K | AIC 79A | CAPELLA: TOPO | -4 | 35E | AN | 1966* | ACIC |
| MOON | 500K | AIC 79B | MESSIER: TOPO | -4 | 45E | AN | 1966* | ACIC |
| MOON | 500K | RLC 2 | GUERICKE: RELIEF | -12 | 14.5 W | RT | 1964* | ACIC |
| MOON | 250K | RLC 7 | SABINE | -21.5 | 2W | RT | 1966? | ACIC |
| MOON | 250K | RLC 14 | ALPHONSUS | 2.5 | 13.5E | RT | 1966? | ACIC |
| MOON | 100K | ORB I-1 | ORBITER I- SITE 1: RELIEF | - 1 | 41.6E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-2 | ORBITER I- SITE 2: RELIEF | 0.1 | 35.5E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-3 | ORBITER I- SITE 3: RELIEF | 0.6 | 27.1E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-4A/B | ORBITER I- SITE 4A/B: RELIEF | 0 | 13.5E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-5 | ORBITER I- SITE 5: RELIEF | 0.1 | 1.5W | RT | 1967? | ACIC |
| MOON | 100K | ORB I-7 | ORBITER I- SITE 7: RELIEF | - 3.5 | 22.1W | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-8 | ORBITER I- SITE 8: RELIEF | - 3.0 | 36.6W | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB I-9.2 | ORBITER I- SITE 9.2: RELIEF | - 2.3 | 43.3W | RT | 1967? | ACIC |
| MOON | 100K | ORB II- 2 | ORBITER II- SITE 2: RELIEF | 2.7 | 34 E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB II- 6 | ORBITER II- SITE 6: RELIEF | 0.9 | 24.1E | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB II- 8 | ORBITER II- SITE 8: RELIEF | 0.4 | 1.0W | RT | 1967? | ACIC |
| MOON | 100K | ORB II-11 | ORBITER II- SITE 11: RELIEF | - 0.2 | 19.8W | RT | 1968? | TOPOCOM |
| MOON | 100K | ORB II-13 | ORBITER II- SITE 13: RELIEF | 1.7 | 41.7W | RT | 1967? | TOPOCOM |
| MOON | 100K | ORB III- 9 | ORBITER III- SITE 9: RELIEF | - 3 | 22.9W | RT | 1968? | TOPOCOM |

# APPENDIX IV: LIST OF AIRBRUSH MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MOON | 100K | ORB III-11 | ORBITER III- SITE 11: RELIEF | - 3.4 | 36.9W | RT | 1968? | TOPOCOM |
| MOON | 100K | ORB III-12 | ORBITER III- SITE 12: RELIEF | - 2.4 | 43.7W | RT | 1968? | ACIC |
| MOON | 100K | RLC 3 | BONPLAND H | 20.8 | 11E | RT | 1964? | ACIC |
| MOON | 100K | RLC 8 | SABINE D | -23.5 | 2W | RT | 1966? | ACIC |
| MOON | 50K | RLC 9 | SABINE DM | -24 | 2.4W | RT | 1966? | ACIC |
| MOON | 50K | RLC 15 | ALPHONSUS GA | 2 | 12.8E | RT | 1966? | ACIC |
| MOON | 25K | ORB I-9.2 | ORBITER I- SITE 9.2: RELIEF | - 2.3 | 43.3W | RT | 1967? | ACIC-8 |
| MOON | 25K | ORB II- 8 | ORBITER II- SITE 8: RELIEF | 0.2 | 1.1W | RT | 1968? | ACIC-4 |
| MOON | 15K | RLC 10 | SABINE EF | -24.4 | 2.6W | RT | 1966? | ACIC |
| MOON | 10K | RLC 4 | BONPLAND PQC | 20.6 | 10.7E | RT | 1964? | ACIC |
| MOON | 10K | RLC 16 | ALPHONSUS GP | 2.4 | 12.9E | RT | 1966? | ACIC |
| MOON | 5K | RLC 11 | SABINE EB | -24.6 | 2.7W | RT | 1966? | ACIC |
| MOON | 2K | | SURVEYOR SITE I MAP | - 2.5 | 43.4W | RT | 1968? | ACIC |
| MOON | 2K | RLC 12 | SABINE EBF | -24.6 | 2.7W | RT | 1966? | ACIC |
| MOON | 2K | RLC 17 | ALPHONSUS GLH | 2.4 | 12.9E | RT | 1966? | ACIC |
| MOON | 1K | RLC 5 | UNNAMED | 20.6 | 10.7E | RT | 1964? | ACIC |
| MOON | 500 | | SURVEYOR SITE I MAP | - 2.6 | 43.4W | RT | 1968? | ACIC |
| MOON | 400 | RLC 17 | ALPHONSUS GLH | 2.4 | 12.9E | RT | 1966? | ACIC |
| OBERON | 10M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| RHEA | 10M | | GLOBAL: TOPO 1st ed. | --- | --- | 1AN | 1981* | 1388 |
| RHEA | 10M | | GLOBAL: TOPO 2nd ed. | --- | --- | 2AN | 1982 | 1484 |
| TETHYS | 10M | | GLOBAL: TOPO 1st ed. | --- | --- | 1AN | 1981* | 1390 |
| TETHYS | 10M | | GLOBAL: TOPO 2nd ed. | --- | --- | 2AN | 1982 | 1487 |
| TETHYS | 5M | | GLOBAL: TOPO | --- | --- | AN | 1991 | 2157-1/2 |
| TITANIA | 10M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| TRITON | 15M | | GLOBAL: TOPO | | | AN | 1991 | 2154 |
| TRITON | 5M | Nt- 2 | SIDR LINEA: TOPO | - 8 | 8 | AN | 1991 | 2153 |
| UMBRIEL | 10M | | SOUTHERN HEMISPHERE: TOPO | -90 | 0 | AN | 1988 | 1920-3/3 |
| VENUS | 50M | | GLOBAL: RELIEF | 6 | 60 | R | 1984 | 1562-2/2 |
| VENUS | 15M | | NORTHERN HEMISPHERE: RELIEF | 90 | 0 | R | 1989 | 2041-2/3 |

# APPENDIX IV: LIST OF AIRBRUSH MAPS

# 14.0 APPENDIX V:
# LIST OF TOPOGRAPHIC MAPS

# APPENDIX V: LIST OF TOPOGRAPHIC MAPS

| PLANET/SAT | SCALE | MAP | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 15M | | EASTERN REGION: CONTOURS | 0 | 270 | T | 1989 | 2030-3/3 |
| MARS | 15M | | POLAR REGIONS: CONTOURS | 90&-90 | 0 | T | 1989 | 2030-1/3 |
| MARS | 15M | | WESTERN REGION: CONTOURS | 0 | 90 | T | 1989 | 2030-2/3 |
| MARS | 2M | MC- 8 SW | AMAZONIS SW: CONTOUR MAP | 7 | 169 | T | 1986 | 1708 |
| MARS | 2M | MC- 9 NE | THARSIS NE: CONTOUR MAP | 22 | 101 | T | 1991 | 2111 |
| MARS | 2M | MC- 9 NW | THARSIS NW: CONTOUR MAP | 22 | 124 | T | 1986 | 1684 |
| MARS | 2M | MC- 9 SE | THARSIS SE: CONTOUR MAP | 7 | 101 | T | 1991 | 2112 |
| MARS | 2M | MC- 9 SW | THARSIS SW: CONTOUR MAP | 7 | 124 | T | 1991 | 2113 |
| MARS | 2M | MC-12 NE | ARABIA NE: CONTOUR MAP | 22 | 326 | T | 1991 | 2098 |
| MARS | 2M | MC-12 NW | ARABIA NW: CONTOUR MAP | 22 | 349 | T | 1991 | 2101 |
| MARS | 2M | MC-12 SE | ARABIA SE: CONTOUR MAP | 7 | 326 | T | 1991 | 2099 |
| MARS | 2M | MC-12 SW | ARABIA SW: CONTOUR MAP | 7 | 349 | T | 1991 | 2100 |
| MARS | 2M | MC-14 NE | AMENTHES NE: CONTOUR MAP | 22 | 236 | T | 1991 | 2134 |
| MARS | 2M | MC-14 NW | AMENTHES NW: CONTOUR MAP | 22 | 259 | T | 1991 | 2137 |
| MARS | 2M | MC-14 SE | AMENTHES SE: CONTOUR MAP | 7 | 236 | T | 1991 | 2135 |
| MARS | 2M | MC-14 SW | AMENTHES SW: CONTOUR MAP | 7 | 259 | T | 1991 | 2136 |
| MARS | 2M | MC-15 NE | ELYSIUM NE: CONTOUR MAP | 22 | 191 | T | 1991 | 2126 |
| MARS | 2M | MC-15 NW | ELYSIUM NW: CONTOUR MAP | 22 | 214 | T | 1991 | 2129 |
| MARS | 2M | MC-15 SE | ELYSIUM SE: CONTOUR MAP | 7 | 191 | T | 1991 | 2127 |
| MARS | 2M | MC-15 SW | ELYSIUM SW: CONTOUR MAP | 7 | 214 | T | 1991 | 2128 |
| MARS | 2M | MC-16 NE | MEMNONIA NE: CONTOUR MAP | - 7 | 146 | T | 1986 | 1709 |
| MARS | 2M | MC-16 NW | MEMNONIA NW: CONTOUR MAP | - 7 | 169 | T | 1986 | 1710 |
| MARS | 2M | MC-16 SE | MEMNONIA SE: CONTOUR MAP | -22 | 146 | T | 1991 | 2109 |
| MARS | 2M | MC-16 SW | MEMNONIA SW: CONTOUR MAP | -22 | 169 | T | 1991 | 2110 |
| MARS | 2M | MC-17 NE | PHOENICIS LACUS NE: CONTOUR | - 7 | 101 | T | 1986 | 1689 |
| MARS | 2M | MC-17 NW | PHOENICIS LACUS NW: CONTOUR | - 7 | 124 | T | 1986 | 1711 |
| MARS | 2M | MC-17 SE | PHOENICIS LACUS SE: CONTOURS | -22 | 101 | T | 1991 | 2132 |
| MARS | 2M | MC-17 SW | PHOENICIS LACUS SW: CONTOURS | -22 | 124 | T | 1991 | 2133 |
| MARS | 2M | MC-18 NW | COPRATES NW: CONTOUR MAP | - 7 | 79 | T | 1986 | 1712 |
| MARS | 2M | MC-20 NE | SINUS SABAEUS NE: CONTOURS | - 7 | 326 | T | 1991 | 2122 |
| MARS | 2M | MC-20 NW | SINUS SABAEUS NW: CONTOURS | - 7 | 349 | T | 1991 | 2125 |
| MARS | 2M | MC-20 SE | SINUS SABAEUS SE: CONTOURS | -22 | 326 | T | 1991 | 2123 |
| MARS | 2M | MC-20 SW | SINUS SABAEUS SW: CONTOURS | -22 | 349 | T | 1991 | 2124 |
| MARS | 2M | MC-21 NE | IAPYGIA NE: CONTOUR MAP | - 7 | 281 | T | 1991 | 2102 |
| MARS | 2M | MC-21 NW | IAPYGIA NW: CONTOUR MAP | - 7 | 304 | T | 1991 | 2105 |
| MARS | 2M | MC-21 SE | IAPYGIA SE: CONTOUR MAP | -22 | 281 | T | 1991 | 2103 |
| MARS | 2M | MC-21 SW | IAPYGIA SW: CONTOUR MAP | -22 | 304 | T | 1991 | 2104 |
| MARS | 2M | MC-22 NE | MARE TYRRHENUM NE: CONTOURS | - 7 | 236 | T | 1991 | 2114 |
| MARS | 2M | MC-22 NW | MARE TYRRHENUM NW: CONTOURS | - 7 | 259 | T | 1991 | 2117 |
| MARS | 2M | MC-22 SE | MARE TYRRHENUM SE: CONTOURS | -22 | 236 | T | 1991 | 2115 |
| MARS | 2M | MC-22 SW | MARE TYRRHENUM SW: CONTOURS | -22 | 259 | T | 1991 | 2116 |
| MARS | 2M | MC-23 NE | AEOLIS NE: CONTOUR MAP | - 7 | 191 | T | 1991 | 2118 |
| MARS | 2M | MC-23 NW | AEOLIS NW: CONTOUR MAP | - 7 | 214 | T | 1991 | 2121 |
| MARS | 2M | MC-23 SE | AEOLIS SE: CONTOUR MAP | -22 | 191 | T | 1991 | 2119 |
| MARS | 2M | MC-23 SW | AEOLIS SW: CONTOUR MAP | -22 | 214 | T | 1991 | 2120 |
| MOON | 25K | | DESCARTES: TOPO MAP | - 8.8 | 15.5E | T | 1972 | TOPOCOM |
| VENUS | 50M | | GLOBAL: RLF/COLOR CONTOUR | 6 | 60 | RKT | 1980 | 1324 |
| VENUS | 29.8M | | RELIEF & CONTOUR GLOBE: COLOR | | | RKT | 1981* | USGS |
| VENUS | 15M | | NORTHERN HEMISPHERE: CONTOURS | 90 | 0 | RKT | 1989 | 2041-1/3 |

# 15.0 APPENDIX VI:
# LIST OF DIGITAL MAPS ON CD-ROM

# APPENDIX VI: LIST OF DIGITAL MAPS ON CD-ROM

| PLANET/SAT | SCALE | | TITLE/REGION | LAT | LONG | TYPE | YR/AVL | PUB/AGENCY |
|---|---|---|---|---|---|---|---|---|
| MARS | 1/256°/pxl | VOL. 1 | VASTITAS BOREALIS: CD ROM | 90 | --- | CM | 1991 | VO 2001 |
| MARS | 1/256°/pxl | VOL. 2 | XANTHE TERRA: CD ROM | 0 | 45 | CM | 1991 | VO 2002 |
| MARS | 1/256°/pxl | VOL. 3 | AMAZONIS PLANITIA: CD ROM | 0 | 135 | CM | 1991 | VO 2003 |
| MARS | 1/256°/pxl | VOL. 4 | ELYSIUM PLANITIA: CD ROM | 0 | 225 | CM | 1991 | VO 2004 |
| MARS | 1/256°/pxl | VOL. 5 | ARABIA TERRA: CD ROM | 0 | 315 | CM | 1991 | VO 2005 |
| MARS | 1/256°/pxl | VOL. 6 | PLANUM AUSTRALE: CD ROM | -90 | --- | CM | 1991 | VO 2006 |
| MARS | 1/64°/pxl | VOL. 7 | DIGITAL TOPOGRAPHIC MODEL: CD | | | CM | 1991 | VO 2007 |

# REPORT DOCUMENTATION PAGE

*Form Approved*
*OMB No. 0704-0188*



| 1. AGENCY USE ONLY *(Leave blank)* | 2. REPORT DATE | 3. REPORT TYPE AND DATES COVERED |
|---|---|---|
| | August 1992 | |

**4. TITLE AND SUBTITLE**

INDEXES OF MAPS OF THE PLANETS AND SATELLITES 1992

**5. FUNDING NUMBERS**

W15-814

**6. AUTHOR(S)**

J. L. INGE AND R. M. BATSON

**7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)**

NASA HEADQUARTERS

**8. PERFORMING ORGANIZATION REPORT NUMBER**

**9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)**

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
WASHINGTON, DC

**10. SPONSORING / MONITORING AGENCY REPORT NUMBER**

NASA TM-4395

**11. SUPPLEMENTARY NOTES**

**12a. DISTRIBUTION / AVAILABILITY STATEMENT**

UNCLASSIFIED - UNLIMITED
SUBJECT CATEGORY 91

**12b. DISTRIBUTION CODE**

**13. ABSTRACT** *(Maximum 200 words)*

MORE THAN 1,600 MAPS OF THE SURFACES OF PLANETS AND SATELLITES OF THE SOLAR SYSTEM HAVE BEEN PRODUCED BY THE U.S. GEOLOGICAL SURVEY AND BY THE DEFENSE MAPPING AGENCY. THIS COLLECTION OF MAPS IS A UNIQUE RESEARCH THAT HAS BEEN DERIVED FROM MAPS AND DATA RETURNED BY A SERIES OF REMARKABLY SUCCESSFUL SPACE MISSIONS. THESE INDEXES HAVE BEEN COMPILED TO PROVIDE A COMPREHENSIVE LISTING OF ALL PUBLISHED MAPS. MANY MAPS ARE OUT OF PRINT BUT COPIES RESIDE IN MANY LIBRARIES AND REGIONAL PLANETARY IMAGING FACILITIES. THESE INDEXES ARE A VALUABLE RESOURCE FOR STUDIES OF THE PLANETS AND SATELLITES, AND ARE AN IMPORTANT STARTING POINT FOR THE ACQUISITION OF CARTOGRAPHIC DATA.

**14. SUBJECT TERMS**

SOLAR SYSTEM MAPS PLANETS AND SATELLITES
PLANETARY CARTOGRAPHY EVOLUTION OF

**15. NUMBER OF PAGES**
188

**16. PRICE CODE**
A09

| 17. SECURITY CLASSIFICATION OF REPORT | 18. SECURITY CLASSIFICATION OF THIS PAGE | 19. SECURITY CLASSIFICATION OF ABSTRACT | 20. LIMITATION OF ABSTRACT |
|---|---|---|---|
| UNCLASSIFIED | UNCLASSIFIED | UNCLASSIFIED | UL |