

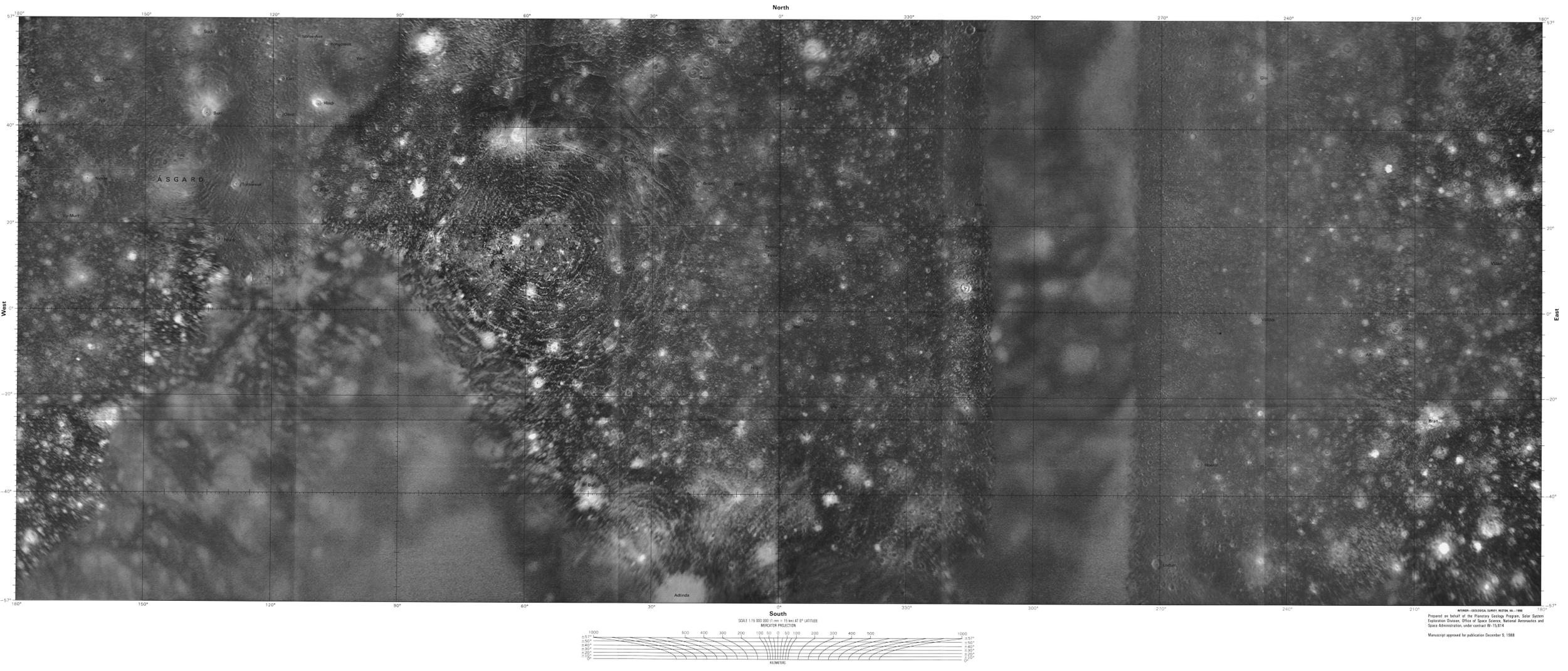
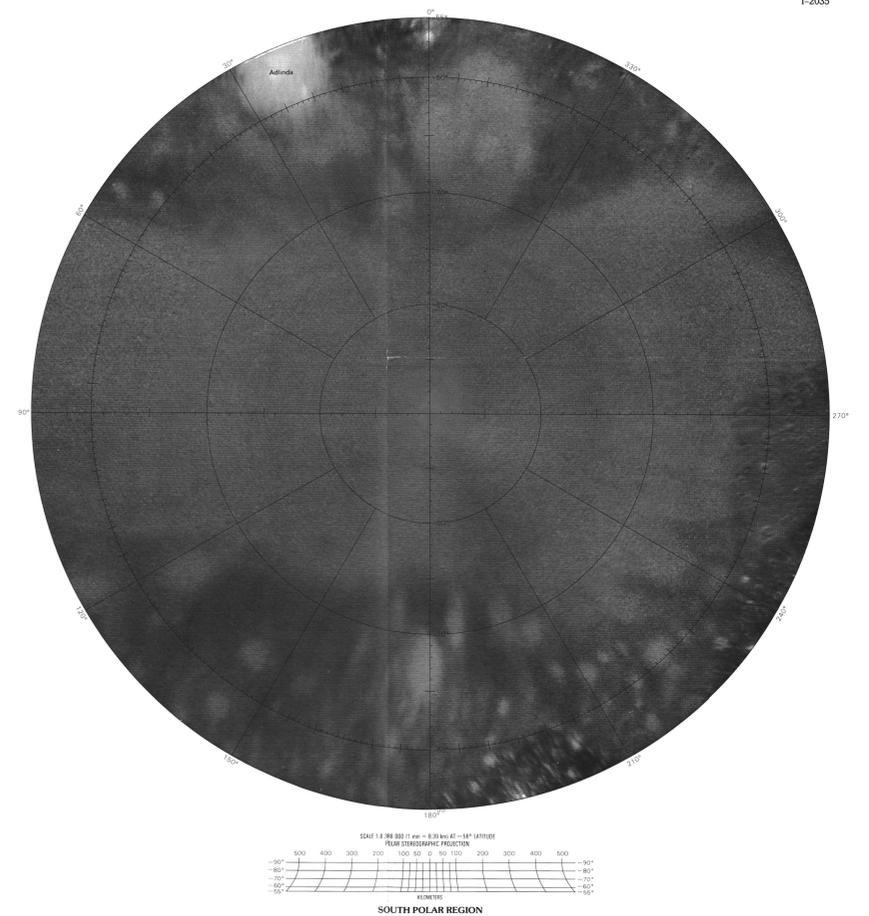
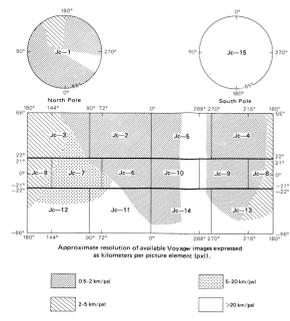
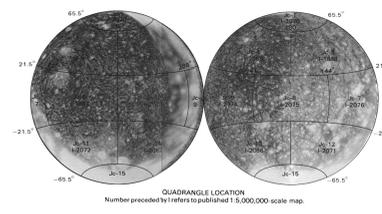
NOTES ON BASE
This sheet is one in a series of maps that cover the surfaces of the Callisto satellites of Jupiter at a nominal scale of 1:15,000,000 (Bates and others, 1985). Sources for the series were Voyager 1 and 2 images and 1:5,000,000 scale airbrush maps. Essential features of the mapping are noted below.

CARTOGRAPHIC CONTROL
Monocentric and Planar topographic projections used for the maps of Callisto based on a sphere with a radius of 2400 km and a constant scale of 1:8,388,000 at a 150° longitude increase to fit were in accordance with astronomical coordinates. Planimetric control was derived by photogrammetric triangulation using Voyager 1 and 2 pictures. The meridians are stretched so that the reference crater, Siga, is centered on lat 0.0° N, long 150° W (Davies and Karayama, 1981).

MAPPING TECHNIQUE
A digital mosaic was assembled in a digital scale of 1:102 (1.3 km) per pixel according to methods described by Bates (1987) and Edwards (1987), and transferred to the projections described above. The mosaic was photogrammetrically resampled to obtain a more uniform tonal balance and to restore albedo details where necessary. Extreme variations in picture resolution precluded uniform display of the images used for map compilation. Further limitations were imposed by dark albedo markings, which tend to obscure distinctive surface details. Digital processing and mosaicking were done by Kevin F. Muller.

NOMENCLATURE
Names on this sheet are approved by the International Astronomical Union (IAU), 1989, 1990.
Abbreviation for aspher. Callisto (satellite): Jc 15M ICMN.
Series, first edition, controlled mosaic (CM), nomenclature (N).

REFERENCES
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Edwards, Kathleen, 1987, Geometric processing of digital maps of the planets. *Photogrammetric Engineering and Remote Sensing*, v. 53, no. 9, p. 1219-1222.
International Astronomical Union, 1989, Working Group for Planetary System Nomenclature, in 17th General Assembly, Montreal, 1979, *Transactions: International Astronomical Union Proceedings*, v. 175, p. 297-304.
1990, Working Group for Planetary System Nomenclature, in 20th General Assembly, Baltimore, 1988, *Transactions: International Astronomical Union Reports on Astronomy*, v. 20A, p. 705-706.



NOTE TO USERS
Users making prints or reproductions are urged to indicate their use on the map and to forward it to U.S. Geological Survey, Building 8, Room 404, 2215 Rye Road, Reston, Virginia, 20192. A replacement copy will be returned.

When available users within the United States should refer to the National Aeronautics and Space Administration, under contract no. 13314.
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