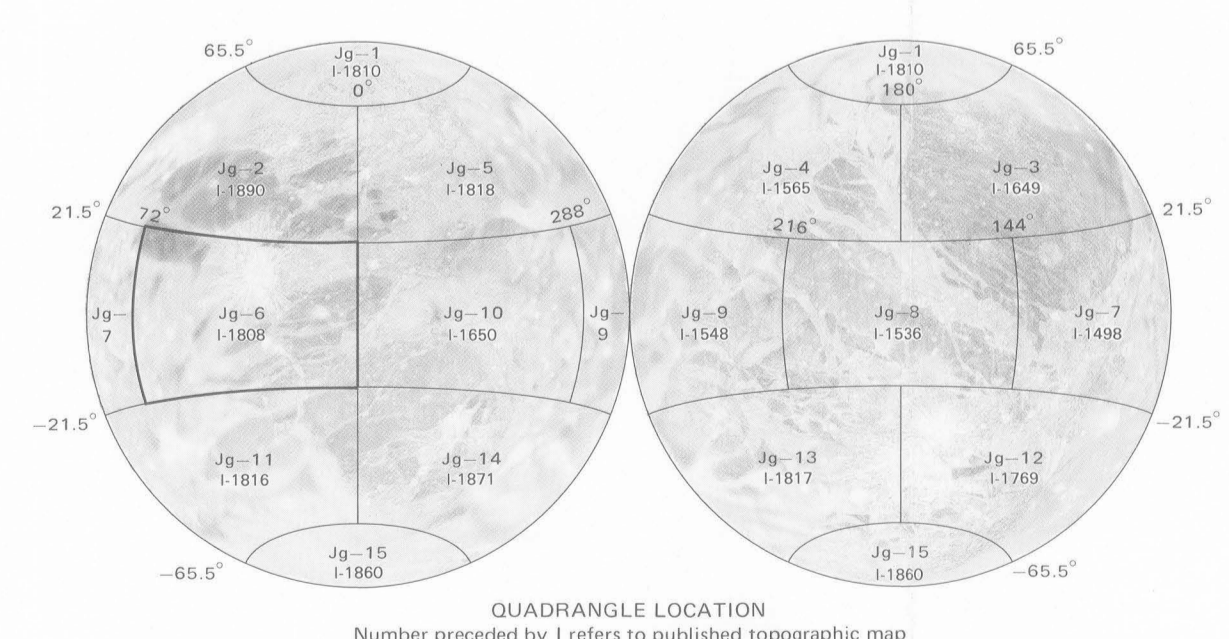
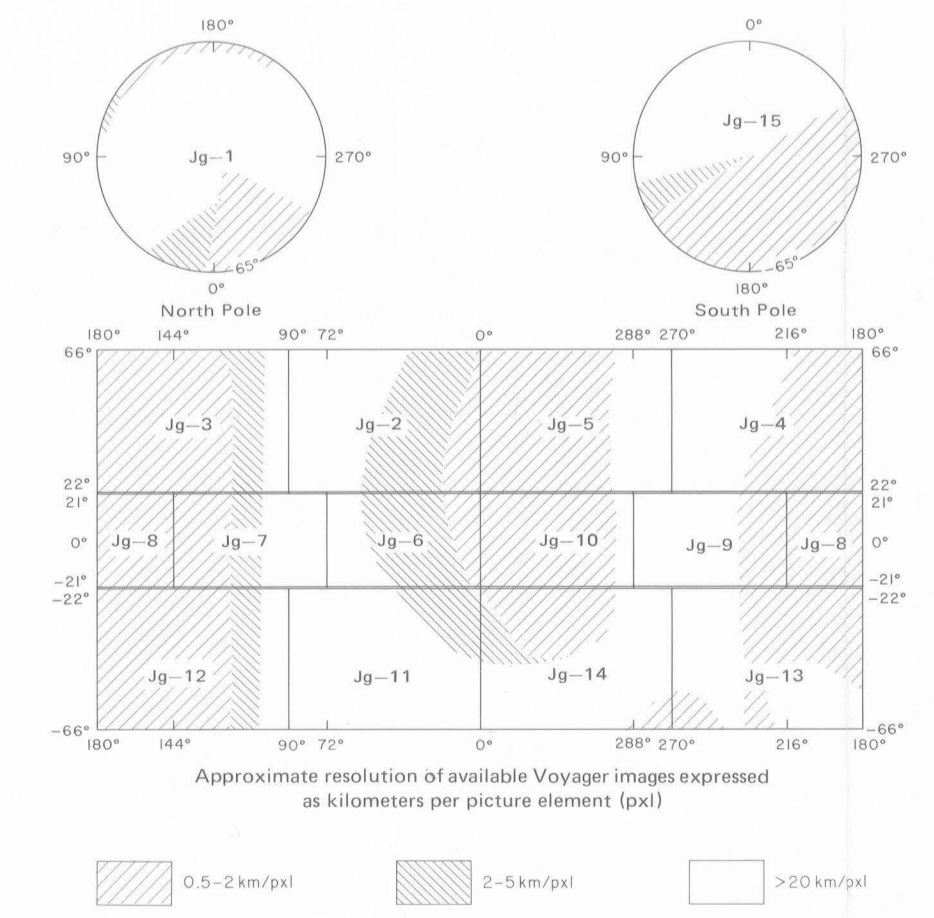


VOYAGER 1		VOYAGER 2		VOYAGER 1	
Index No.	Picture No.	Index No.	Picture No.	Index No.	Picture No.
1	0730J1+0	9	0821J2-3	1	0788J1-2
2	0748J1+0			2	0785J1+0
3	0775J1+0			3	0720J1+0
4	0781J1+0			4	0721J1+0
5	0818J1+0			5	0745J1+0
6	0868J1+0			6	0751J1+0
7	0865J1+0			7	0765J1+0
8	1003J1+0			8	0771J1+0
					0778J1+0

INDEX OF MAPPING SOURCES
The rendition of features on this map was controlled by reference to the primary source pictures outlined above. Supplemental source images used during the compilation are listed separately. Copies of various enhancements of these pictures are available from National Space Science Data Center, Code 601, Goddard Space Flight Center, Greenbelt, MD 20771.



QUADRANGLE LOCATION
Number preceded by 1 refers to published topographic map



Approximate resolution of available Voyager images expressed as kilometers per picture element (pxl)

NOTES ON BASE
This sheet is one in a series of maps that cover the surfaces of the Galilean satellites of Jupiter at a nominal scale of 1:5,000,000 (Bateson and others, 1980). The source for the series was Voyager 1 and 2 images. Essential features of the mapping are noted below.

CARTOGRAPHIC CONTROL
Mercator, Lambert Conformal Conic, and Polar Stereographic projections used for the maps of Ganymede are based on a sphere with a radius of 2,631 km. The projections have common scales of 1:4,780,000 at lat ±21.3° and 1:4,769,000 at lat ±65.2°. Longitude increases to the west in accordance with astronomical convention. Planimetric control was derived by photogrammetric triangulation using Voyager 1 and 2 pictures (Davies and Katayama, 1981). The meridians are numbered so that the reference crater, Anat, is centered on lat 2.8° S, long 128°.

MAPPING TECHNIQUE
A series of mosaics of Voyager 1 and 2 pictures was assembled at 1:5,000,000 scale using projections described above. Sizes, shapes, and positions of features were taken from the base mosaic; using portrayal and interpretation techniques described by Inge (1972) and Inge and Bridges (1976). Surface relief is shown as if illuminated from the west. Albedo markings are shown as they appear on the Voyager pictures. Extreme variations in picture resolution precluded consistent interpretation and portrayal of the pictures used for map compilation. Further limitations were imposed by dark albedo markings, which tend to obscure distinctive surface details. The colors chosen for this map are intended to provide optimum discrimination of detail and do not represent the color of Ganymede.

NOMENCLATURE
All names shown on this sheet are approved by the International Astronomical Union (IAU, 1980, 1986).

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1986, Working Group for Planetary System Nomenclature, in 19th General Assembly, New Delhi, 1985, Proceedings: International Astronomical Union Transactions, v. 19B, p. 350-353.

SHADED RELIEF AND SURFACE MARKINGS OF THE DARDANUS SULCUS QUADRANGLE OF GANYMEDE

Jg-6
Jg 5M 0/36 AN
1987

NOTE TO USERS
Users noting errors or omissions are urged to indicate them on the map and to forward it to U.S. Geological Survey, Building 4, Room 454, 2255 North Gemini Drive, Flagstaff, Arizona 86001. A replacement copy will be returned.

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