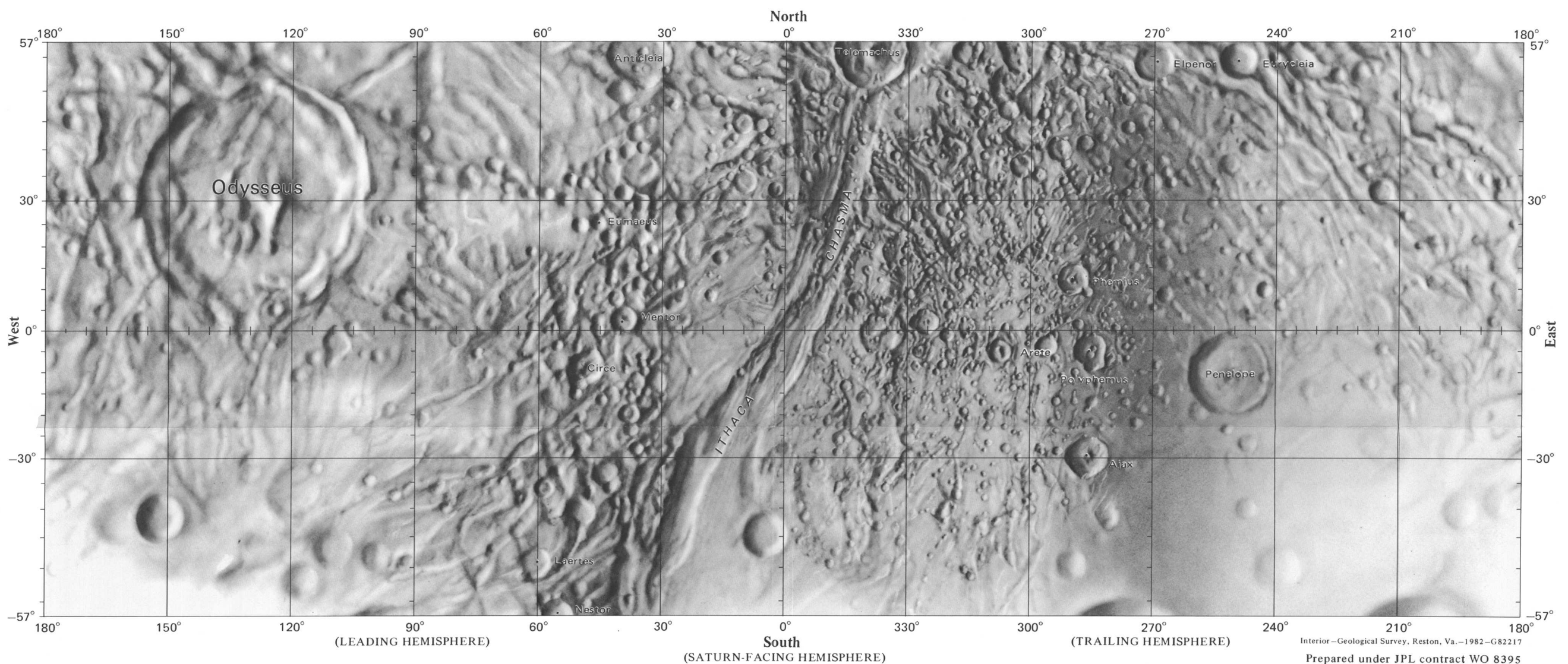
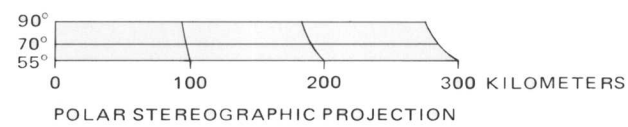


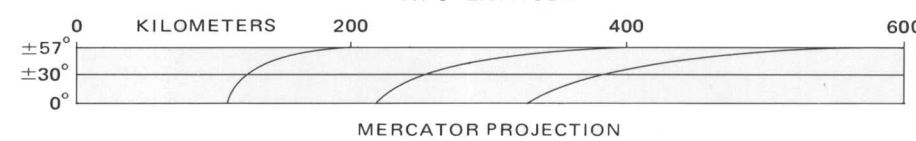
NORTH POLAR REGION

SCALE 1:5 592 000 (1 mm = 5.592 km)  
AT 56° LATITUDE

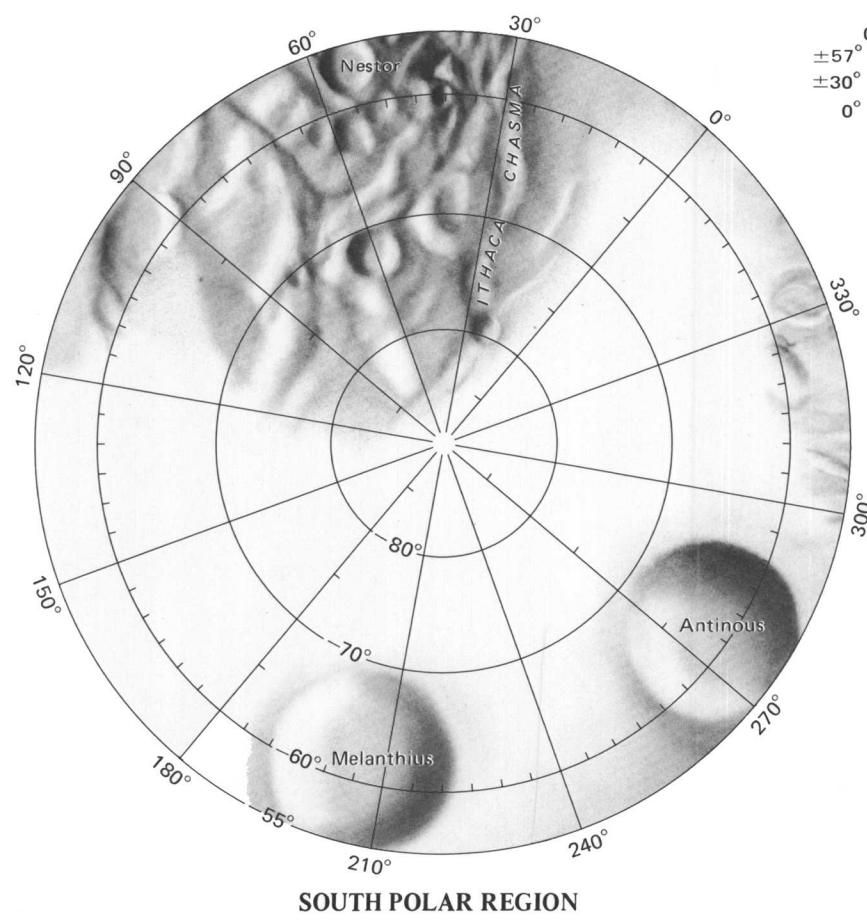


South  
(SATURN-FACING HEMISPHERE)

SCALE: 1:10 000 000 (1 mm = 10 km)  
AT 0° LATITUDE

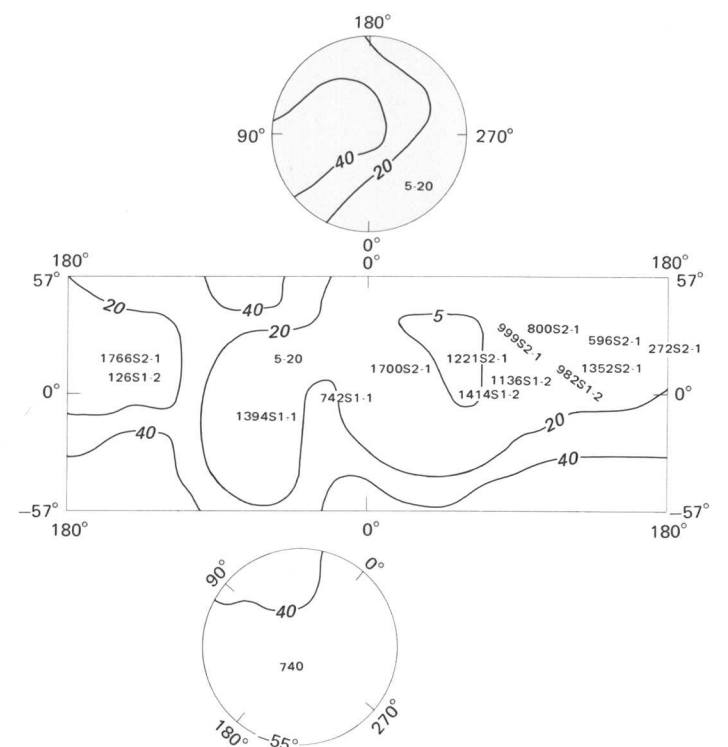
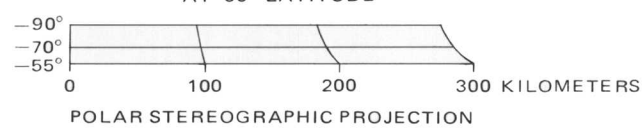


Interior—Geological Survey, Reston, Va.—1982—G82217  
Prepared under JPL contract WO 8395  
This map supersedes I-1390



SOUTH POLAR REGION

SCALE 1:5 592 000 (1 mm = 5.592 km)  
AT 56° LATITUDE



INDEX OF VOYAGER 1 AND 2  
IMAGES USED TO COMPILE THE MAP

Picture numbers indicate the subspacecraft point at the time the picture was taken. Contour lines indicate the approximate resolution of available images, expressed as kilometers per picture element.

This map was compiled from Voyager 1 and 2 images of Tethys. Map controls are based on the known position and orientation of this satellite with respect to the spacecraft when each picture was taken. A scaled grid showing a perspective view of meridians and parallels was superimposed over each picture, and image details were transferred manually, grid cell by grid cell, to corresponding grid cells of Mercator and polar stereographic projections. The map projections are based on a sphere with a diameter of 1060 km, and a common scale at lat  $\pm 56^\circ$ . Relative accuracy of feature placement is probably within 50 km over 66 percent of the map area.

All landforms are shown as if illuminated from the west, regardless of the illumination on the photographic source. Albedo markings are also shown. Consistent interpretation and subsequent portrayal of the Voyager pictures was limited by extreme variations in image resolution and by the suppression of relief details by albedo markings.

Airbrush representation was made by Patricia M. Bridges. Data preparation and preliminary image processing were done by K. F. Mullins, Christopher Isbell, E. M. Lee, H. G. Morgan, and B. A. Skiff. The work was directed by R. M. Batson.

Names of features shown on this sheet are provisional.

Ste 10M 2AN: Abbreviation for Saturn, Tethys (satellite); 1:10,000,000 series; second edition; shaded relief with albedo markings (A), nomenclature (N).

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.

PRELIMINARY PICTORIAL MAP OF TETHYS

Ste 10M 2AN  
1982

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