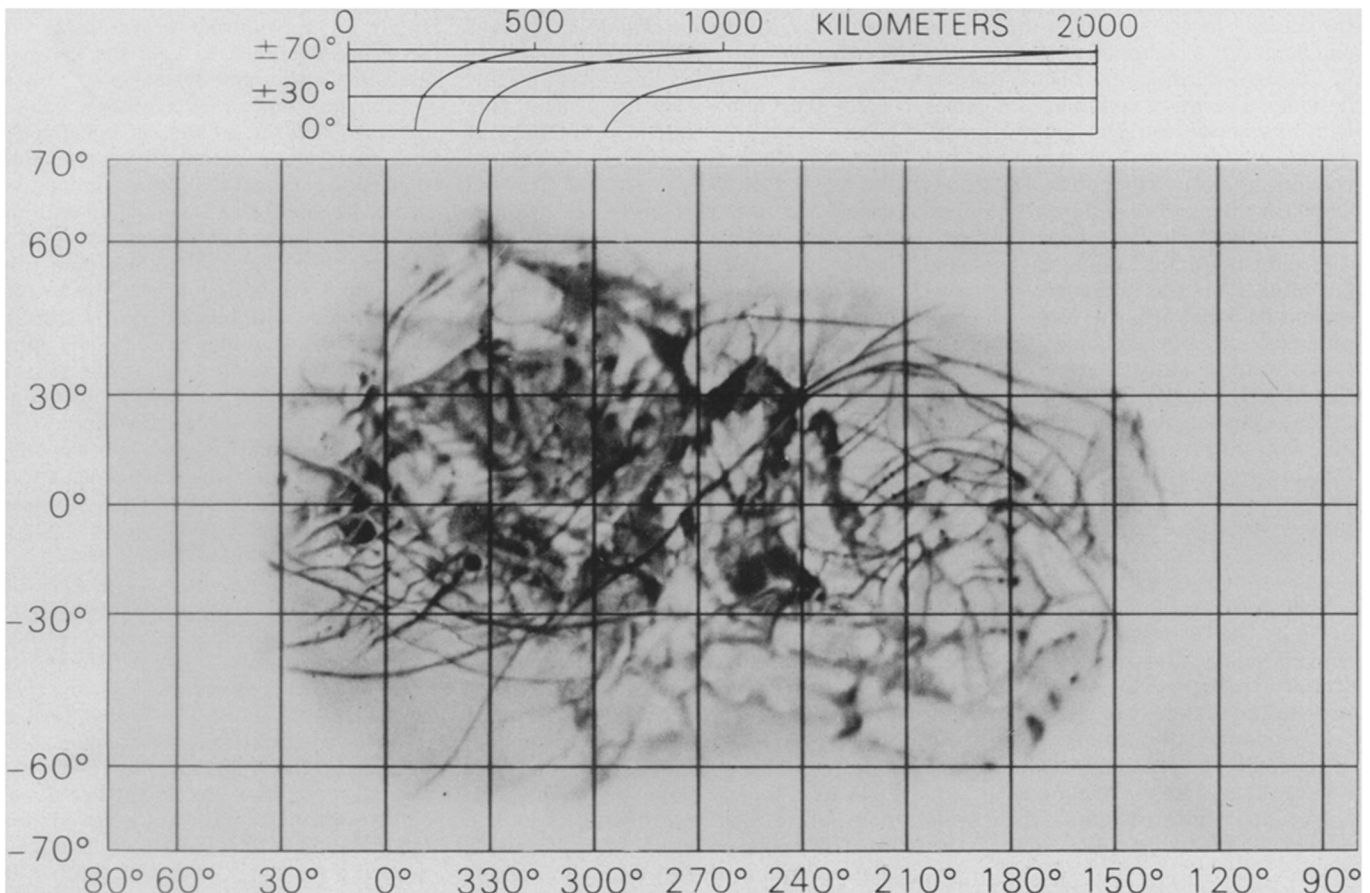


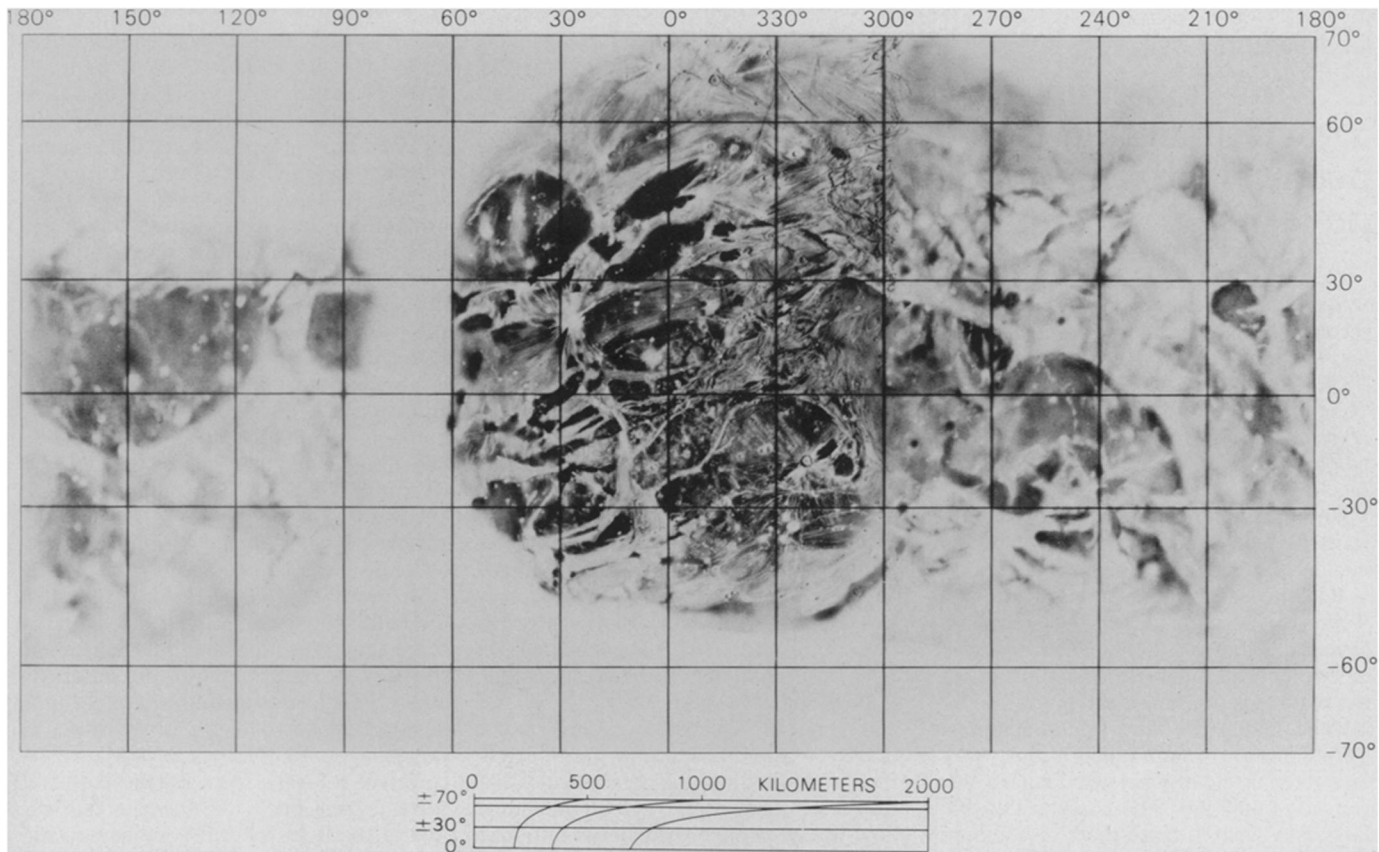
# JOVIAN MOON MAPS

Jupiter's Galilean satellites, charted from Voyager 1

BY JONATHAN EBERHART

*IO (above): Shaded relief map (polar regions omitted) is based on photos that showed about eight active eruptions in progress and more than 100 volcanic calderas, mostly in low latitudes. Voyager 2 will try time-sequence photos of eruptions.*





*EUROPA (below left): Linear markings, some of them thousands of kilometers long and approximating great-circle routes, may be faulting or ?? Voyager 2 will see Europa's other side, but may answer the question with its much closer-in photos.*

*GANYMEDE (above): Its cratered regions (not seen on Io or Europa) are divided into isolated polygons by numerous parallel and intersecting grooves thought to relate to tectonic processes. Voyager 2 will see the other side, and at higher resolution.*

*CALLISTO (below): Farthest from Jupiter of the Galilean satellites, it shows craters and several large, multi-ringed basins, though apparently no topography higher than several hundred meters. Again, Voyager 2 will see the side its predecessor missed.*

