



## Freedom, Love, and Brotherhood, Verses

By Venus Geoscience Tutorial and Venus

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 68 pages. Original publisher: Houston, Tex. : Lunar and Planetary Institute, 1989 OCLC Number: (OCoLC)70679373 Excerpt: . . . Models for Tessera Terrain D. L. Bindschadler and J. W. Head Models A number of models have been suggested for the formation of tessera terrain 2, 14, 15 . From these and other tectonic models, we set forth working hypotheses for the formation of tessera, which are divided into three formational models ( those which produce the high topography of the tessera ) and two modificational models ( those in which deformation results from high topography ). Horizontal convergence end crustal thickening may be driven by in-plane lithospheric stresses ( as on Earth ) or by flow within the mantle of Venus 16, i7 . In general, convergent motion is expected to result in high topography, steep topographic slopes, and fold-and-thrust deformation at the surface. Crustal compensation of topography should result in a relatively small LOS anomaly over regions of tessera, given predicted crustal thicknesses for Venus of 30 km 18 . In addition, both strike-slip and extensional deformation are observed in terrestrial orogens such as the India-Asia collision...



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