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The shape of Mars relative to an ellipsoid: reds are highs and greens are lows. The red line indicates the geologic boundary between the distinctive northern and southern hemispheres and is solid where a scarp has been mapped. The differences in ellipsoidal heights (that is, the highs and lows) do not correlate with the geologic boundary. See page 184. [Image: G. A. Neumann and M. T. Zuber]