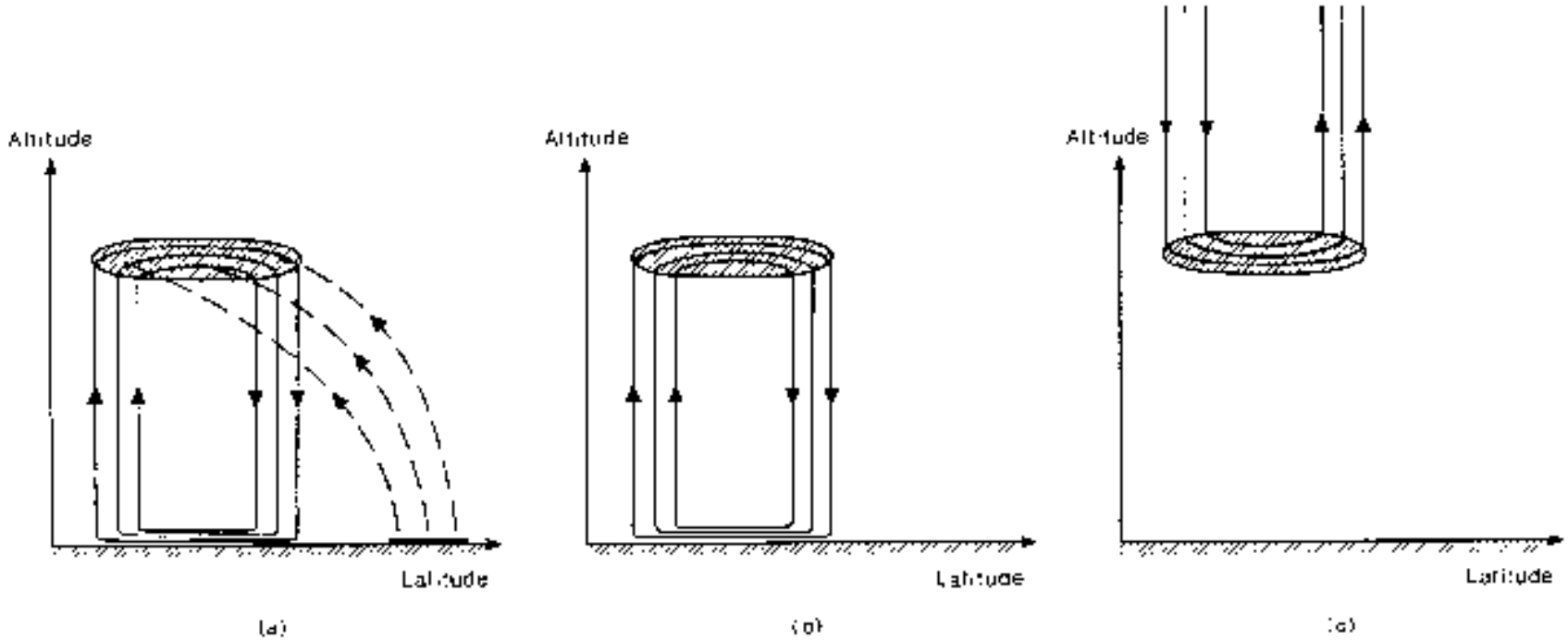

FIGURE CAPTION

Figure 1. (a) Simplified extratropical Earth-atmosphere model that conserves its total angular momentum (see text). Dashed curves represent upward wave propagation from an idealized frictionless, quasi orographic wave source. The wave-induced force on the atmosphere is confined to the shaded region aloft. (b) The same situation, shown without explicit reference to the waves. (c) The causally incorrect "upward" response predicted by an injudicious use of C's Eq. (3).