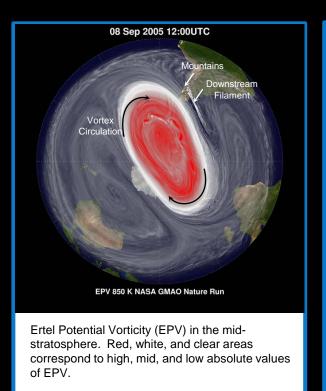
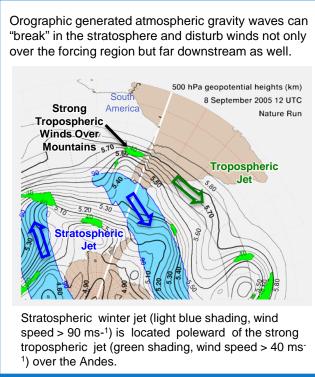
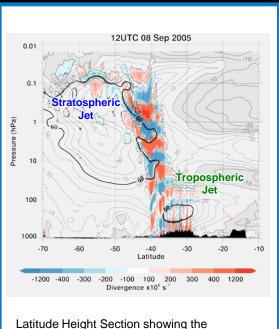
## Influence of Orography on the Stratosphere



An Examination of the NASA 7 km Nature Run







horizontal divergence in the regions between the tropospheric and stratospheric jets.

SUMMARY: These filaments in the GMAO 7 km Nature run show that the effects of orography influence not only the stratospheric winds over the mountains, but can perturb winds, vorticity, and EPV far downstream.