



3D Tracer advection in ECHO-GiSP GCM

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In the course of the Pole-Equator-Pole project the transport and mixing of passive tracers is investigated using calculation of 3D Lagrangian trajectories through numerical integration in the wind fields given by the GCM.

Recent computations of large scale 3D transport over 80 years for GCM data with and without the added stratospheric chemistry will be presented.