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Type: **Poster presentation**

Eliassen Palm Fluxes and Stratospheric circulations - Teleconnections as forcing

Abstract:

Transport of potential vorticity and Eliassen-Palm fluxes. Analysis and diagnostic of PV data from the stratosphere and upper troposphere. Applying the divergence of the Eliassen-Palm-Vector to mid- and long-term forecasts and together with seasonal variations of eddy fluxes of PV, heat and momentum in the stratosphere/upper troposphere estimation and prognosis of sub-seasonal trends. All in context with SST-anomalies, ENSO, QBO, Brewer-Dobson-Circulation and other diabatic factors.

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