

Stratospheric winds in ERA and NCEP-CPC analysis: Variability associated with ENSO

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Brief Abstract:

An intercomparison of ERA40 and NCEP-CPC analysis is presented. The focus is the stratospheric variability in temperature and zonal winds that is connected to tropospheric ENSO, both in the extra-tropical and tropical stratosphere. Related results from models aimed at interpret the analysis are included. Reasons for a difference in the magnitude of the ENSO signal in the upper stratosphere of the two analyses are investigated.