



Is there any trend change in wind speed in the mid- 1990s in the stratosphere?

Peter Krizan

Institute of Atmospheric Physics, Prague, Czech Republic (krizan@ufa.cas.cz)

This poster tries to explain the reasons for trend change of the stratospheric wind speed in the mid-1990s. In the areas of negative (positive) wind speed trend before 1995 the positive (negative) trend is observed after this point. Similar change is observed also for total ozone where we observe negative trend before 1995 and positive one after. We use MERRA reanalysis monthly means of the geopotential height from January to March. We suppose the position and strength of polar vortex and Aleutian high plays here very important role.