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Atmospheric Temperature trends: Climate Models versus Observation

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Douglass, Pearson and Singer published a paper [1]: *Altitude dependence of atmospheric temperature trends: Climate models versus observation*. In that paper they stated:

“As a consequence of greenhouse forcing, all state-of the-art general circulation models predict a positive temperature trend that is greater for the troposphere than the surface. This predicted positive trend increases in value with altitude until it reaches a maximum ratio with respect to the surface of as much as 1.5 to 2.0 at about 200–400 hPa. However, the temperature trends from several independent observational data sets of the past 25 years show decreasing as well as mostly negative values. This disparity indicates that the three models examined here fail to account for the effects of greenhouse forcings.”

It is noted that in the 7 months since publication there has been no public rebuttal by the modeling community.

1. Douglass, Pearson and Singer. GEOPHYSICAL RESEARCH LETTERS, VOL. 31, L13208, doi:10.1029/2004GL020103, 2004