

## ***Interactive comment on “Climatological features of stratospheric streamers in the FUB-CMAM with increased horizontal resolution” by K. Krüger et al.***

**K. Krüger et al.**

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Just a short reply on your comment, I will reply in detail in my answer to the reviewers including your helpful comments.

Concerning point 1): Thanks for mentioning this point. I am aware of this ozone characteristic, I will correct the statement in the ms.

2) A discussion on the ozone trend in mid-latitudes including the two mentioned papers will be added. One of the reviewers has also suggested a more detailed discussion of it as well.

3) I really appreciate your comment on the issue of terminology here. I will add the first use of the terminology "streamer" for "smaller-scale" phenomena by Appenzeller

et al. in the paper, which I have cut out earlier because of the length of the introduction. These "smaller scale" phenomena are very often referred to as "filaments" in the literature. We have used the terminology "stratospheric streamers" for "large-scale" structures after the definition by Offermann et al. as is clearly stated in the ms! As there is a large spread of different terminologies used for the same phenomena in the literature, I was trying to distinguish e.g. streamers/tongues from filaments/finger-like structures in the introduction. I have discussed my use of terminology and the differences between "streamers" and "filaments" in detail with Christof himself. If you are interested, there is an even longer discussion of these transport phenomena in my PhD thesis which is available online under: [www.diss.fu-berlin.de/2002/247](http://www.diss.fu-berlin.de/2002/247)

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Interactive comment on Atmos. Chem. Phys. Discuss., 4, 6789, 2004.

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