

Interactive comment on “Origin and transport of Mediterranean moisture and air” by I. Schicker et al.

I. Schicker et al.

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We apologise for the confusion. It seems like that during the file upload process the figures got mixed up. Enclosed in this reply are the updated figures 10 and 12 of the paper with the following changes to the existing ones:

Regarding Fig. 10: In Fig. 10 there should be only the forward residence time part, so the right panel of the actual Fig. 10 (a new Fig. 10 has been uploaded now) with the forward transport in the boundary layer on the left and the forward transport in the troposphere on the right part of the figure.

Regarding Fig. 12: This figure is not correct in the actual version of the paper, a new version of Fig. 12 has been uploaded.

C7618

Regarding the discussion of the 30-day residence times: We decided not to show the figures for the 30-day residence times into the paper because the results look very similar to the 90-day residence times (apart from the different amount of s / day) and do not provide any significant additional information than what it is already explained in the text. However, the figure of the 30-day residence times is added as supplemental material.

Please also note the Supplement to this comment.

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 21425, 2009.

C7619

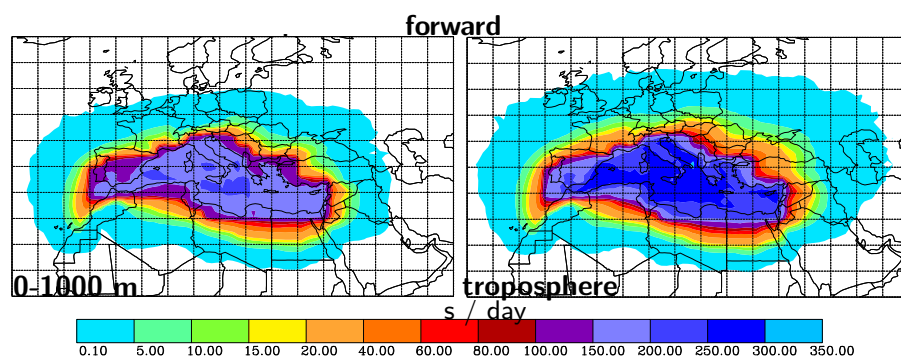


Fig. 1. Figure 10: One-day residence times in s/d for the Mediterranean basin calculated for the lowest layer, 0 – 1000 m (left), and the whole troposphere (right) in forward mode.

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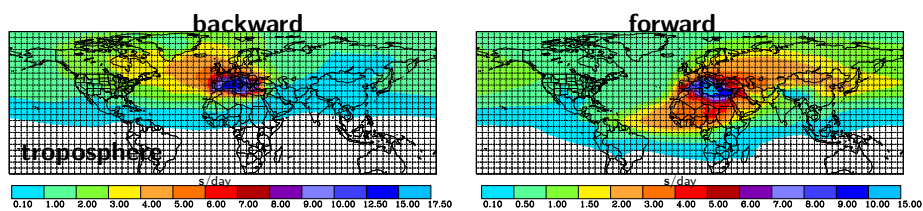


Fig. 2. Figure 12: 90-day residence times in backward (left) and forward (right) mode for the whole troposphere.

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