

Interactive comment on “Spatial and temporal distribution of atmospheric aerosols in the lowermost troposphere over the Amazonian tropical rainforest” by R. Krejci et al.

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We thank referee for comments and suggestions and below present our answers. First the original comment from reviewer is presented, followed by author's comments

Specific comments

1. p3575 l14 & l15 The mixed layer heights referred to in the text (800m and 1170m) do not correlate with the horizontal lines in figure 4 drawn to indicate the top of the mixed layer.

Figure 4 is corrected in final version of the manuscript. The horizontal lines are shown

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more to guide the eye of a reader than to be used as an exact measure of the mixed layer height. Discrepancy arises from changes in format of the original figure to a figure embedded into the manuscript. The horizontal lines were corrected not only for profiles at 9:13 UTC and 11:00 UTC, but also for a profile at 9:55 UTC and 11:24 UTC.

Technical corrections

1. Figure 6 I can not see the arrows that are referred to in the diagram

Corrected in manuscript, see text

2. Figure 8 x-axis caption should read standard not standart

Corrected in manuscript, see text

3. Figure 9 x-axis caption should be ppb not ppm

Carbon dioxide mixing ratio unit is ppm not ppb.

Interactive comment on Atmos. Chem. Phys. Discuss., 4, 3565, 2004.

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