

Interactive comment on “Characterization of African dust over southern Italy” by A. Blanco, et al.

Anonymous Referee #1

Received and published: 15 October 2003

Review 2002si05-59

General remarks: The paper provides useful information for the characteristics of Saharan dust over Lecce, Italy. It is well structured and written, and the conclusions are justified from the measurements. Therefore I recommend that the paper should be published after considering the following minor comments.

a. In paper by Propsero et al., 2002 in Rev. of Geophysics there is a detailed description of the various sources (globally but also in N. Africa) as they identified by TOMS A1. I think that the authors should refer to this article and comment their results relevant to the sources with the ones presented in that paper.

b. Since Lecce is an EARLINET station it would be interesting to show, if the different distributions of the roundness factor shown in figure 7 has an effect on the measured

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lidar ratio during (or around) these events, if these are available.

Interactive comment on Atmos. Chem. Phys. Discuss., 3, 4633, 2003.

ACPD

3, S1715–S1716, 2003

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