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Interactive Comment

Interactive comment on "Temporal and spectral variation of desert dust and biomass burning aerosol scenes from 1995–2000 using GOME" *by* M. de Graaf et al.

M. de Graaf et al.

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Referee #1 is thanked for the review of the manuscript. The referee repeats the main conclusions of the manuscript and agrees with the conclusion that the presented method of aerosol classification, using a combination of UV and visible wavelengths, is primarily controlled by surface albedo. The problem of aerosol classification is long-standing, and the results of the method and the presentation of the GOME AAI time series are new. In the revised manuscript the argumentations and conclusions are stated more clearly.

Interactive comment on Atmos. Chem. Phys. Discuss., 6, 1321, 2006.

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