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Atmospheric Chemistry and Physics Discussions

Interactive comment on "Aerosols optical and physical characteristics and direct radiative forcing during a "Shamal" dust storm, a case study" *by* T. M. Saeed et al.

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We would like to thank Dr. Sayer for his follow up and interest in the discussion. For the sake of clarity the commentator's paragraph have been pasted between parenthesis while the response is stated below each paragraph.

"The reviewer's comments suggest the additional consideration of MISR data as a source of AOD/Angstrom exponent information. I would agree in suggesting that they look into this. MISR is quite a powerful tool for this purpose although compared to some other sensors, has the disadvantage of a narrower swath width, limiting the spa-

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tial completeness of sampling. However, happily, I believe MISR does provide some coverage over the authors' region of interest during this period."

Unfortunately, due to the narrow swath of MISR, it did not adequately cover our region and days of interest and therefore it is dismissed.

"The reviewer also refers to Ashpole and Washington and Ginoux et al, and several other papers later, for dust source maps. I concur that these are valuable studies, and also wish to thank the reviewer on a personal note, as I had been unaware of one or two which were mentioned."

The references provided have been included into dust source discussion.

Interactive comment on Atmos. Chem. Phys. Discuss., 13, 23895, 2013.