

Interactive comment on “Sand/dust storms over Northeast Asia and associated large-scale circulations in spring 2006” by Y. Q. Yang et al.

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[3 Technical corrections A suggestion is to add some of references for describing of the better understanding and studying the footprints of global circulations associated with activities of sand/dust storms.]

[To describe the effort benefits an improved understanding of the genesis, development, and long distance transport of sand/dust storms.]

Thanks for two suggestions. We have improved our manuscript for describing of the better understanding and studying the footprints of global circulations associated with activities of sand/dust storms and rephrased as followings:

Because of a significant southward current occupied about 2/3 part of China area at the mid and lower-level troposphere, once sands and stirred and blown up from ground,

the mid-level southward abnormal current will be easier to be a powerhouse energizing the long distance transport of sand and dust. This has played an important role in causing frequent attacks of cold air and SDS processes across the northeast Asia, the onset of blowing dust, and subsequent lower reach transport. (describe in section 3 of the Conclusions)

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 9259, 2007.

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Interactive Discussion

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