

Interactive comment on “A numerical modelling study on regional mercury budget for eastern North America” by X. Lin and Y. Tao

X. Lin and Y. Tao

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Reply to Referee #1

We would like to thank the referee for his/her interest, time and comments. Our detailed response is as follows.

(1) We agree with the referee that it would be better to have a rigorous comparison between the modelled TGM concentrations with their measured counterparts. Unfortunately, those measurement data are not available. Therefore, in this study, we focused on the measured wet deposition data and mainly used them to validate the Hg-integrated CMAQ.

(2) Technical Corrections:

- Tokos et al. (1998) will be added in Reference.

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- Co-author Stromberg of Gardfeldt et al. (2001) will be corrected in Reference.
- Burke et al. (1995) will be moved to right place in Reference.
- Petersen et al. (1995) will be added in Reference.

Interactive comment on Atmos. Chem. Phys. Discuss., 3, 983, 2003.

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