Geosci. Model Dev. Discuss., 2, C251–C252, 2009
www.geosci-model-dev-discuss.net/2/C251/2009/

**Geoscientific
Model Development
Discussions**

Interactive comment on "Sensitivity of the Community Multiscale Air Quality (CMAQ) Model v4.7 results for the eastern United States to MM5 and WRF meteorological drivers" *by* K. W. Appel et al.

Anonymous Referee #1

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This paper compares the performances of the CMAQ air quality model with two meteorological drivers: the new WRF meteorological model and the traditional MM5 model. Two month-long periods are considered: one in winter and one in summer. The modeling domain is the eastern half of the United States. Ozone and PM2.5 performances are evaluated and reasons are suggested for the differences.

My comments can be find in the attached supplement.

Please also note the Supplement to this comment.

Interactive comment on Geosci. Model Dev. Discuss., 2, 1081, 2009.