

Interactive comment on “Gaseous chemistry and aerosol mechanism developments for version 3.5.1 of the online regional model, WRF-Chem” by S. Archer-Nicholls et al

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Unfortunately, referee #2, who already agreed to review this paper, seems to be unavailable now. Therefore I decided to continue the review process with only one review. Please consider the comments by referee #1 when revising the manuscript. In particular, I also find it disappointing that Lowe et al. (2014), which is called the companion paper, is still in preparation and thus currently unavailable. I think that some basic evaluation of the new code against observations needs to be included in this GMD paper. Alternatively, it would be possible to interrupt the review process of this paper until Lowe et al. is available (at least in the discussion stage). Then, there is no need

C329

anymore to include the evaluation in the GMD paper.

Regarding the title, please keep the version number because this is a GMD-specific requirement.

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