



EGUsphere, author comment AC1  
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## **Reply on CEC1**

Daiwen Kang et al.

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Author comment on "Lightning assimilation in the WRF model (Version 4.1.1): technique updates and assessment of the applications from regional to hemispheric scales" by Daiwen Kang et al., EGU sphere, <https://doi.org/10.5194/egusphere-2022-348-AC1>, 2022

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Dear Dr. Juan A. Anel

Thank you for catching our negligence of the code availability. We have now uploaded the related code to Zenodo (<https://zenodo.org/record/6993223#.YvpwDXbMKUk>, doi: 10.5281/zenodo.6993223). To include lightning assimilation in WRFv4.1.1 (the model version used in this study), users can simply replace the files from WRFv4.1.1 release with the files in the same name provided at the link under the normal WRF directories: Registry, phys, and dyn\_em, respectively, and compile WRF as usual. We will update the "Code and data availability" section with correct information in our next revised manuscript.

Thank you again,

Daiwen Kang

On behalf of all the co-authors