

Interactive comment on “Evaluating a fire smoke simulation algorithm in the National Air Quality Forecast Capability (NAQFC) by using multiple observation data sets during the Southeast Nexus (SENEX) field campaign” by Li Pan et al.

Anonymous Referee #2

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Please see the attached pdf containing my comments both general and specific.

In general, my most substantive questions go to the questions of: 1) is the system being tested truly equivalent enough to the NAQFC so as to be a useful test of that system’s fire treatment, and 2) given the lack of an analysis of the NAM meteorology on which these simulations rely, and the lack of fire smoke on the lateral boundary conditions, how useful is this qualitative analysis?

Please also note the supplement to this comment:

C1

<https://www.geosci-model-dev-discuss.net/gmd-2017-207/gmd-2017-207-RC2-supplement.pdf>

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2017-207>, 2017.