

Interactive comment on “Atmospheric drag effects on modelled LEO satellites during the July 2000 Bastille Day event in contrast to an interval of geomagnetically quiet conditions” by Victor U. J. Nwankwo et al.

Anonymous Referee #1

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The paper is dealing with the impact of atmospheric drag on LEO satellites, which is a complex problem. This work does not contain any new ideas and the authors already acknowledge this fact in their abstract! Their methodology and some applications have been already presented in previous work. However, some of the data presented in the paper can be considered as new since the authors examine some specific cases. Overall, the paper does not provide significant scientific contribution, especially when compared with similar work from the literature.

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Please also note the supplement to this comment:

<https://angeo.copernicus.org/preprints/angeo-2020-33/angeo-2020-33-RC1-supplement.pdf>

Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2020-33>, 2020.

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