

Interactive comment on “Satellite drag effects due to uplifted oxygen neutrals during super magnetic storms” by Gurbax S. Lakhina and Bruce T. Tsurutani

Anonymous Referee #1

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I have examined the manuscript npg-2017-33 submitted by Gurbax S. Lakhina and Bruce T. Tsurutani entitled "Satellite drag effects due to uplifted oxygen neutrals during super magnetic storms". This paper identifies basic aspects of plasma behavior that have not been previously considered in calculations of satellite drag. The work is creative, based on solid principles, and makes definitive quantitative predictions of relevance to space scientists. I recommend the paper for publication in its present form.

Interactive comment on Nonlin. Processes Geophys. Discuss., <https://doi.org/10.5194/npg-2017-33>, 2017.