

Interactive comment on “Identifying possible Stratification phenomenon in ionospheric F2 Layer using the data observed by the Demeter satellite: Method and Results” by Xiuying Wang et al.

Angelo De Santis (Referee)

angelo.desantis@ingv.it

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This paper concerns the study of the electron density from DEMETER satellite (2004-2010) during the change of altitude (January 2006). The way to establish a possible F2 stratification is quite original, although it cannot provide a definitive response to the question (probably this should be better evidenced in the text).

Therefore, the paper deserves publication, with only a very minor corrections, as follows:

- Please write, in the title and across the whole text, DEMETER with capital letters,

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being an acronym.

- Please remove “random” at line 106: the phenomena as geomagnetic storms and sunspot eruptions are not completely random, having some components of quasi-periodicity (27 days, 11 years, etc.).

- Please correct at line 167: “2016” with “2006”.

Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2019-55>, 2019.

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