

Interactive comment on “Long-term trends in the ionospheric response to solar EUV variations” by Rajesh Vaishnav et al.

Jan Laštovička

jla@ufa.cas.cz

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My comments:

1. You are using global TEC from GIM maps. However, there is a jump in GIM TEC in 2001, the values before being lower than values after (see Emmert et al., JGR-SP, 2017, doi:10.1002/2016JA023680). It has probably no effect on your result but for your future work.
2. The 27-day variation in the lower ionosphere (D-region) is often predominantly caused by dynamical forcing (PW), not by direct solar forcing, particularly in winter under low solar activity (Pancheva et al., JATP, 1991, https://doi.org/10.1016/0021-9169(91)90064-E).

Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2019-34>, 2019.

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