

Interactive comment on “Influence of atmospheric dynamics during events Secondary Effect of the Antarctic Ozone Hole on southern Brazil” by Gabriela Dornelles Bittencourt et al.

Anonymous Referee #1

Received and published: 17 September 2019

The paper study very important phenomenon for the Southern hemisphere. It brings several new aspects but I have found several problems which should be solved before acceptance. 1) Whole tropospheric analysis which is supported by Fig. 3 is very confusing. Especially Fig 3 has wrong description for each figures (the same date for both examples). Next I think that it should be read by some meteorologist to improve this part. 2) I would like to ask author why they choose as a case study 18 Sep. 2017 if they can find stronger event during whole period. This should be discussed in more details. 3) In discussion part should be mentioned what is the reason for the rest (you say 92% has jet stream presence) of the events. If this problem is solved I can recommend manuscript for publication.

C1

Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2019-104>, 2019.

C2