

**Further Point to Point Reply to referee comments on egusphere-2024-2679**

*We would like to thank anonymous reviewer 2 and editor for their additional comments that helped us further improve our paper.*

*We have now incorporated all the suggested text editions by reviewer 2 and revised the figure 5 into a colour figure, make it larger to increase the readability, and add the legends to show each individual year.*

*We also revised the Line 445-447 in discussion to make it more clear.*