

Interactive comment on “Thirteen-years of observations on primary sugars and sugar alcohols over remote Chichijima Island in the western North Pacific” by Santosh Kumar Verma et al.

Anonymous Referee #2

Received and published: 12 September 2017

General

This is an interesting time-series paper on aerosol particle measurements of sugars and sugar alcohols at the remote island of Chichijima in the western north Pacific.

The authors should think about the numerical formats of their results. Sometime too many digits are listed which are uncertain in view of the calculated error width.

The English language of the manuscripts should be checked again.

Overall, I think this is an interesting paper for ACP publishable after minor revision.

C1

Details

Title: I would suggest 'Thirteen years ...' without hyphenation.

Abstract: The only numbers given here are the range mass concentrations of 'total sugar compound' . It would be great if more quantitative information could be given in the abstract, e.g. on the observed trends.

Line 64: For these contribution fractions only Simoneit et al. (2004) is referenced - are there any more recent findings on this which could be referenced ? Can a range be given based on more references ?

Line 183 ff: I feel the section on PMF can considerably be shortened, much of this can be referenced.

Line 497: The sentence starting 'Thirteen-year...' can be left out.

Line 669, Summary and conclusion: Please make this consistent with the abstract. What is, finally, the conclusion of the paper ?

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-480>, 2017.