

Earth Syst. Sci. Data Discuss., author comment AC1
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Reply on RC1

Dean Henze et al.

Author comment on "Aircraft measurements of water vapor heavy isotope ratios in the marine boundary layer and lower troposphere during ORACLES" by Dean Henze et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2021-238-AC1>, 2021

Dear Referee #1,

Thank you for the comments, they are thoughtful and will help us better align with the focus of ESSD data papers. We will respond to specific comments shortly but wanted to address here two of your bullet points. You expressed that (1) the isotope files were difficult to find from the DOI links, and (2) you were keen to have co-located isotope, lat/lon, altitude data files. Our 'data availability' section was updated recently since, after review of the original, it was anticipated that points such as yours would rightfully be brought up. We are curious whether you had the original or updated revision when drafting your comments (e.g. the new revision has a table of variable names which wasn't included previously).

The new revised 'data availability' section directs the user to 'merged' files under the DOIs. These files (one per flight) contain the isotope measurements along with most of the other data for the campaign, and importantly the lat/lon and altitude data. It is hoped that the new revision gives more direction to readers to find the merge files, then find the correct variable names within those files. Would you mind seeing if you had this new revision? If not, does the new revision address your above points?

Thank you for your time during this review process.

- Dean