

I am pleased to inform you that your manuscript is accepted for publication after consideration of the following technical corrections:

Response: We extend our sincere gratitude to editor and anonymous reviewers for the invaluable role you played in the review process of our paper. The insightful comments and constructive feedback significantly contributed to enhancing the quality of the manuscript.

P6, L123: 850 -> unit is missing. I guess you mean hre 850 hPa.

Response: Correction has been made.

P11, L207: Herbash -> Hersbach

Response: Correction has been made.

P16, L283+287: When you write what LWML stands for you start with captial letters, but for GWML everything is written with small letters. It should be the one or toher way for both.

Response: We have made uniform representation for Local Meteoric Vapour Line and Global Meteoric Water Line.

P24, L399: Error message that the reference is not found shows up.

Response: Correct figure number has been cited in the manuscript.

P29, L465: Figure 88b -> Figure 8b

Response: Correction has been made.

P30, L493: Error message that the reference is not found shows up here too.

Response: Correct Figure number has been cited in the manuscript.

P30, L490: Figure 99b -> Figure 9b

Response: Correction has been made.

P31, L502: Figure 99c -> Figure 9c.

Response: Correction has been made.