

I would like to thank the authors for their quick turnaround in addressing the comments I made on their revised draft. I have one more technical correction related to the conversion of the measured RH to water vapor mixing ratio that I would request the authors consider prior to final acceptance of the manuscript.

We thank the editor for the preliminary acceptance of the paper and for this minor comment.

We reached out to the manufacturer of the sensors (International Met Systems) to ensure the correctness of our conversion between RH and water vapor mixing ratio. They affirmed that our methodology was correct and is in line with the iMet XQ/XQ2 manual. The RH sensor processing chain on both sensors does not account for the correction factor between the RH sensor temperature and the measured air temperature from the air temperature sensor (A. Dachtler, personal communication, 12 December 2025; F. Clowney, personal communication, 15 December 2025).

We have clarified the conversion from relative humidity to water vapor mixing ratio in the manuscript, with the new text reading (lines 101-103):

The RH measurements were converted to water vapor mixing ratio using the temperature reported by the RH sensor, and the pressure measured by the iMet XQ for this study, as recommended in the iMet XQ manual and as previously done with these sensors in other campaigns (Leung et al. 2025).