

Interactive comment on “The stability and calibration of water vapor isotope ratio measurements during long-term deployments” by A. Bailey et al.

Anonymous Referee #1

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Sensibility to changing environmental conditions (e.g. temperature dependence) and dependence of δD and $\delta^{18}O$ on H_2O concentration are the two main sources of error affecting the IRIS measurements. This manuscript deals with an important subject about the stability and calibration of long-term water vapor isotope ratio measurements. The state of the art of calibration methods and long-term stability should be reviewed further. One concerns about how to determine and evaluate the precision and accuracy of calibration method in this study.

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