

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.

Interactive comment on Atmos. Meas. Tech. Discuss., 8, 5425, 2015.

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Interactive Discussion

Discussion Paper

