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Interactive comment on "Calibration of a Water Vapour Lidar using a Radiosonde Trajectory Method" *by* Shannon Hicks-Jalali et al.

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I'm missing 1. the reference of our recently published new calibration method for the water-vapor Raman lidar measurements "Calibration of Raman lidar water vapor profiles by means of AERONET photometer observations and GDAS meteorological data" (https://doi.org/10.5194/amt-11-2735-2018) and 2. the discussion of our paper "Comparison of Raman Lidar Observations of Water Vapor with COSMO-DE Forecasts during COPS 2007" (DOI: 10.1175/2011WAF2222448.1) where we took already into account the time-height-dependences of radiosonde data when comparing those data to Raman lidar data. Table 1: I'm wondering about the large variability (about 15-20 %) of the determined calibration constant and that it seems to have no unit . . .

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