

Interactive comment on “Continuous observation of Stable Isotopes of Water Vapor in Atmosphere Using High-Resolution FTIR” by Chang-Gong Shan et al.

Anonymous Referee #1

Received and published: 30 January 2019

This work made a valuable analysis from the data of the ratio of HDO to H₂O (δ D) measured by FTIR in Hefei, China. The dataset was well applied to validate the GOSAT satellite data product of δ D. This work enriches the knowledge of water cycle to the public.

Two specific comments are as follows: (1) The English needs to be improved, particularly for the text of conclusion section. (2) Listed reference papers are suggested to be cut down to some extent.

Some minor corrections are also needed to be made for misspelling words. (1) L151-152, “satellite date” should be “satellite data”; (2) L118,L119: “kernals” should be “ker-

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nels”; (3) In Eq. (2), the same size should be kept for the same type of signs.

Interactive comment on Geosci. Instrum. Method. Data Syst. Discuss.,
<https://doi.org/10.5194/gi-2018-43>, 2018.

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