Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2016-414-RC1, 2017 © Author(s) 2017. CC-BY 3.0 License.





Interactive comment

## Interactive comment on "Precipitable Water Characteristics during the 2013 Colorado Flood using Ground-Based GPS Measurements" by Hannah K. Huelsing et al.

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The revised manuscript is very close to acceptable for publication. Most of my concerns/criticisms of the submitted manuscript have been addressed.

I would just ask the authors to again address the question of saturation in the atmosphere. As I noted in my first revision, the atmosphere is simply not saturated from the surface to to the "top" of the atmosphere. You have to emphasize that you are making this assumption (which is TOTALLY unrealistic). It may be a question of semantics, but the atmosphere cannot saturate from the surface upwards, it would be radically unstable, and would not last a minute in that configuration. I ask you to at least note this assumption directly in the text.

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AMTD

You don't have to change any of your calculations or figures, but just state explicitly that this is not a realistic assumption.

David K. Adams

Interactive comment on Atmos. Meas. Tech. Discuss., doi:10.5194/amt-2016-414, 2017.