Interactive comment on “Consistent regional fluxes of CH₄ and CO₂ inferred from GOSAT proxy XCH₄:XCO₂ retrievals, 2010–2014” by Liang Feng et al.

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Dear Drs. Feng and Palmer,

A Google Scholar search that I have running (for HIPPO) alerted me to your new discussion paper “Consistent regional fluxes of CH₄ and CO₂ inferred from GOSAT proxy XCH₄:XCO₂ retrievals, 2010–2014”.

I’m commenting to clarify the source of the HIPPO data that you used for your paper.

I work for CDIAC at the Oak Ridge National Laboratory and support the HIPPO Data Archive (http://hippo.ornl.gov/). We watch for data citations to identify papers that have used HIPPO data as we compile our Data Center usage statistics.

In checking your new paper, I see that you appropriately referenced the general Wofsy et al. (2011) paper, but only acknowledge the data product — “We also thank the HIPPO team for their observations used in our model evaluation.”

It would appear that the data used was the same as the HIPPO Merged 10-second Meteorology, Atmospheric Chemistry, Aerosol Data (R_20121129).

»> Alternatively, if you used data files (1-second data?) downloaded from EOL, they also provide DOIs for their data products.

If this is correct, please add the full citation with the DOI for the HIPPO Merged 10-second data product.


Don’t hesitate to contact me if you have any questions.

Interactive comment on Atmos. Chem. Phys. Discuss., doi:10.5194/acp-2016-868, 2016.