

Interactive comment on “Role of moisture transport for Central American precipitation” by Ana María Durán-Quesada et al.

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Thank you for your time and contributions. Trends computation period is now indicated as well as a very brief explanation on the climate change and natural variability differences.

Regarding the specific comments: 1- There was a typo, we meant “stratiform” and not “stratified”. “Highly active stratiform precipitation” means that the region is under a strong influence of large cloud systems that account for a fraction of the observed precipitation.

2- Citation of the suggested work by Moron et al. (2016) is included and a short discussion of the relevance of their work to the analysis proposed can be found.

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3- In the methods section we explain how the CJ was computed.

4- Typo corrected.

5- We now use the Mapire river mouth as suggested.

6- We provide a extended explanation of the brief comment on climate change – climate variability differences mentioned in the methods section.

7- Indeed, we explain now this better to avoid confusion as one of the main results we want to highlight is that the effect of interannual variability on the moisture supply is more significant than the trends detected and therefore a focus on interannual variability would be great information input for planning and decision making processes.

8- Works from Mapes et al. (2003) and Munoz et al (2016) are now incorporated in the discussion and cited.

9- Figure caption modified.

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