

# ***Interactive comment on “Observational analysis of the daily cycle of the planetary boundary layer in the central amazon during a typical year and under the influence of the ENSO (GoAmazon project 2014/5)” by Rayonil G. Carneiro and Gilberto Fisch***

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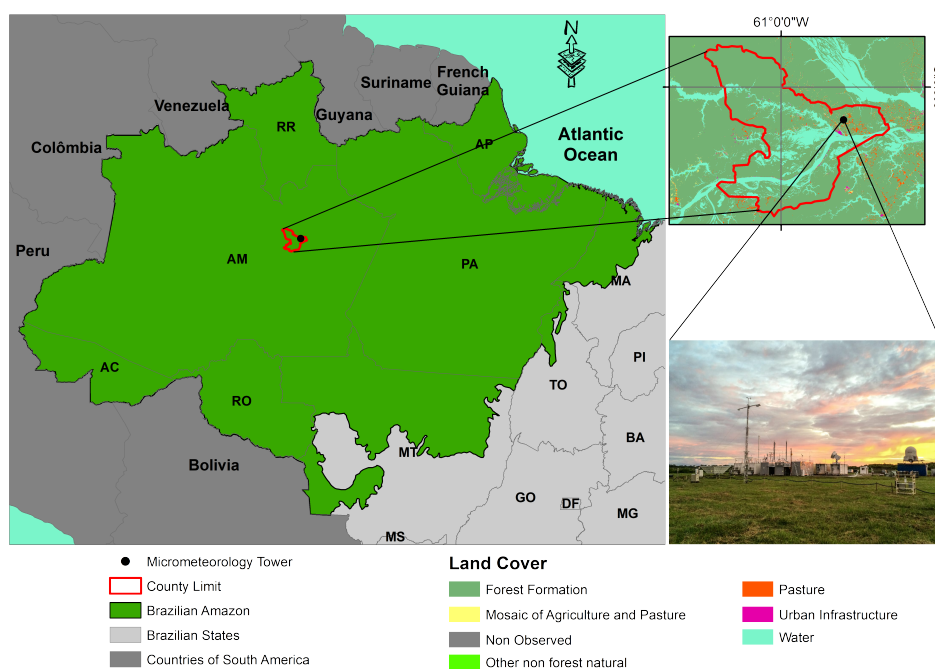
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As requested by the referee following the changed figures.

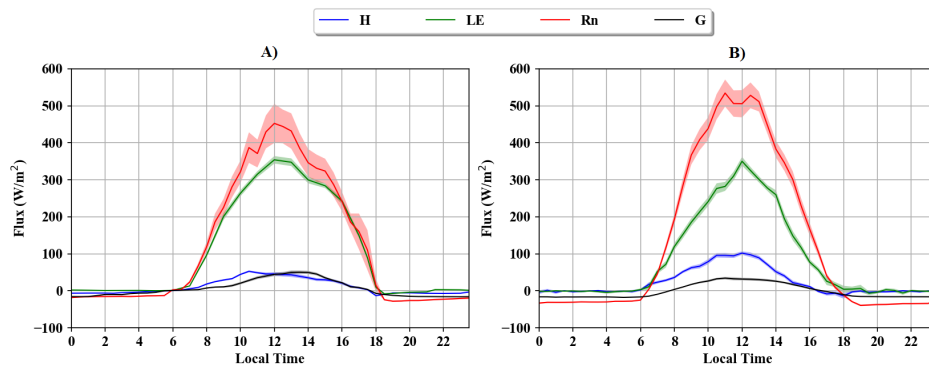
Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2019-578>, 2019.

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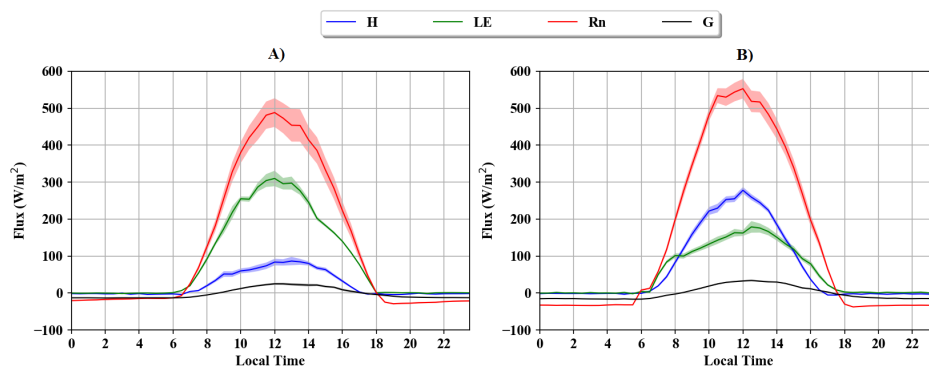
**Fig. 1.** Figure 1: Location of the atmospheric measurement experiments in Manacapuru, Amazonas, Brazil.

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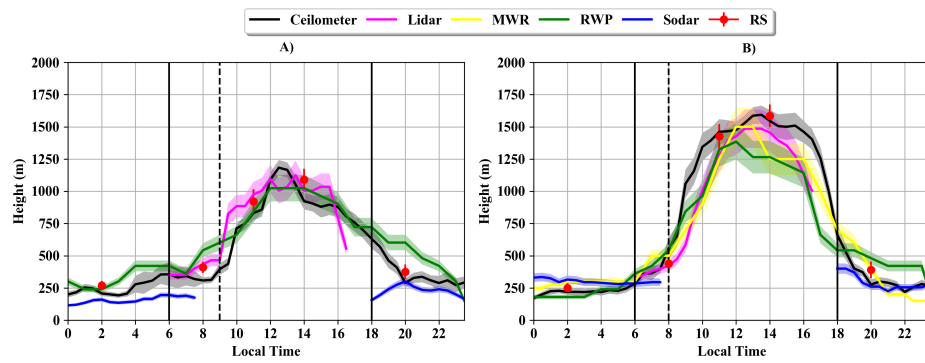
**Fig. 2.** Figure 3: Average daily cycle of the radiation balance ( $R_n$ ) ( $\text{W m}^{-2}$ ), sensible heat flux ( $H$ ) ( $\text{W m}^{-2}$ ), latent heat flux ( $LE$ ) ( $\text{W m}^{-2}$ ) and soil heat flux ( $G$ ) ( $\text{W m}^{-2}$ ) during the IOPs 1 (A) and 2 (B). The s

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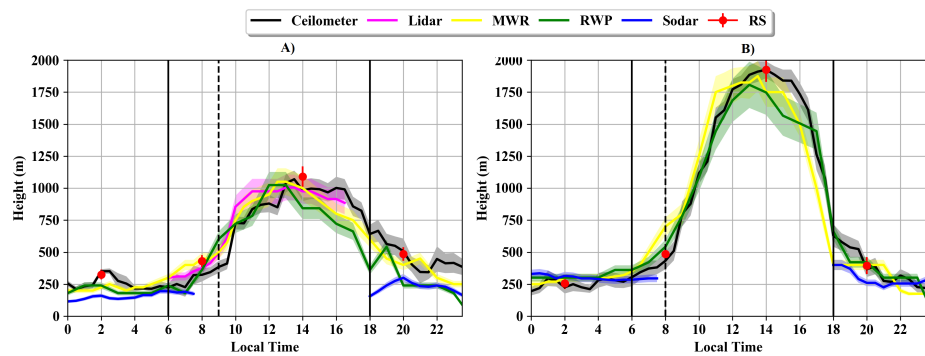
**Fig. 3.** Figure 4: Daily cycle of the height of the PBL during IOP1 (A) and IOP2 (B) experimental periods. The vertical lines represent sunrise (06 LT), sunset (18 LT) (full line) and NBL erosion (dashed line)

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**Fig. 4.** Figure 5: Average of the daily cycle of net radiation ( $R_n$ ) ( $W\ m^{-2}$ ), sensible heat flux ( $H$ ) ( $W\ m^{-2}$ ), latent heat flux ( $LE$ ) ( $W\ m^{-2}$ ) and soil heat flux ( $G$ ) ( $W\ m^{-2}$ ) in the study region during the IOPs 3 (

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**Fig. 5.** Figure 6: Daily cycle of the height of the PBL during IOP3 (A) and IOP4 (B) experimental periods. The vertical lines represent sunrise (06 LT), sunset (18 LT) (full line) and NBL erosion (dashed line)

C6