



EGUsphere, referee comment RC1
<https://doi.org/10.5194/egusphere-2022-769-RC1>, 2022
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Comment on egusphere-2022-769

Anonymous Referee #1

Referee comment on "Daytime-only-mean data enhances understanding of land-atmosphere coupling" by Zun Yin et al., EGU sphere,
<https://doi.org/10.5194/egusphere-2022-769-RC1>, 2022

The paper tackle an important and yet unexplored dependency of land-atmosphere coupling metrics from the choice of daily monthly or daytime only subsets. The paper is well written and reaches a number of conclusions that are relevant for model diagnostics. In particular the use of daytime only time-series can provide a more accurate detection of regions of strong coupling.

Minor comments:

L270: add the two key discoveries in the conclusions.