

Review of revised version WES 2021-07

I am satisfied with the revisions and responses to my first set of comments.

However, in the latest version where the surface heat fluxes have been introduced I have some further comments.

Comments

Section 2: Since you now also include observational data of sensible and latent heat fluxes you need to present the instrumentation and methods used here as well.

L304: I think you also need to introduce a motivation here to why soil moisture needs to be accurately represented in WRF in order to correctly model the diurnal cycle of the wind speed. Otherwise, this reasoning seems a bit out of context.

L309-310: Not sure I quite follow this. You state that WTK-LED's slightly underpredicts the hub height winds, but previous results all show a positive bias. Please elaborate on what you mean here.

L329 Sentence starting with "On the other hand, the WTK-LED negative bias...". I suggest replacing with "Additionally, the WTK-LED negative bias..."