

Message to the editor regarding accepted ESSDd preprint “IMAU Antarctic automatic weather station data, including surface radiation balance (1995–2022)” <https://doi.org/10.5194/essd-2025-88>

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We thank the editor for accepting our submission for final publication in ESSD. Based on a comment from reviewer 3 regarding whether the data was transmitted to the GTS, and possibly assimilated in re-analysis products, we have double-checked this to make sure, and found that in fact some raw, uncorrected data was transmitted to the GTS via Argos for some stations and some periods. This means that some specific AWS data from our network could have been assimilated in some reanalysis products, in contradiction to what was mentioned in the previous version of the manuscript.

We now corrected this in the revised manuscript at L116 and L405, and added in Table 1 for which stations and which periods this happened. It must be noted that this does not change the dataset in any way, but this information may be relevant for specific applications.

On behalf of the co-authors,

Maurice van Tiggelen

L116

Measurements of stations 5, 6, 9, 12, 13, 14, 15 and 17 have for a period of their operation been transmitted to the Global Telecommunication System (GTS). The exact periods are given in Table 1.

L406

Some of the measurements were transmitted to the GTS system and are therefore available to be assimilated in reanalyses products. The exact periods and stations for which this is the case are marked in Table 1. The other measurements have not been assimilated and thereby allow for an independent benchmark for reanalyses products.