

Reviewer: A few points to note (please address in the paper on final revision):

1 - The Fogt et al. (2019) dataset is a krigging interpolation of station-based, seasonally resolved Antarctic pressure reconstructions. As such, the amount of data used in the krigging interpolation does not change in time, as suggested with more data entering in after 1957 on lines 381-382. Please fix.

2 - A limitation in the comparisons with Fogt et al. (2019) data is that you are averaging these seasonal data to compare with an annual mean from O'Connor et al. (2021). Further, it isn't clear if the Fogt et al. (2019) winds were corrected to maximize their correlation with ERA-5, like done with the O'Connor et al. (2021) winds.

Response to both points: The relevant text (from line 380) has been changed to

This validation may be extended further back in time using zonal winds derived from the interpolated station-based SLP reconstructions of Fogt et al. (2019). These seasonal reconstructions are averaged to produce annual-mean fields, and geostrophic winds are converted to near-surface winds using the simple correction described in section 2.1.