

Interactive comment on “Perceived temperature in the course of climate change: an analysis of global heat index from 1979–2013” by D. Lee and T. Brenner

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Thank you very much for the feedback. We were happy to rephrase the text as requested (new manuscript will be uploaded eminently). Additionally, new plots were masked and rescaled to show only heat index for land surfaces were used to replace the old ones, as requested.

Concerning the reference periods: It is certainly correct that splitting the time series into periods with similar length would make it easier to compare them, we decided to divide the time series where we did because climate data sets are often cut off at a decadal

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break. Our feeling was that the chosen break year represented the best compromise between common climate studies practices and similar time series lengths. The data set referenced by the paper, however, is not partitioned into reference periods, so that future studies can set breaks as they desire.

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