

Interactive comment on “A combined Terra and Aqua MODIS land surface temperature and meteorological station data product for China from 2003–2017” by Bing Zhao et al.

Bing Zhao et al.

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Dear professor, At this time when the news dominated by pandemic, I hope you and your family are healthy and safe. Let's get through the epidemic and welcome spring together. My sincere apologies for the slow reply. The situation is not clear yet, we have to keep our social distance and self isolated at home. It causes difficulties to communicate, both person to person and data transfer. Our data is stored at the office, and the building is locked down most of the time. That's why we have to take longer time to answer your requests. Thank you very much, and your comments and suggestions for modification are very good. We have tried to modify

C1

and emphasize your comments in our paper which are marked in red. Our work is very important and meaningful. The dataset has been downloaded 2203 times (<https://zenodo.org/record/3378912.XmwrCXX-s2w>) and the method of data set paper has been cited by two papers. We have received many thanks from many users for our dataset. Thank you for attaching importance to our work, Temperature is one of the most important geophysical parameters in studying ecosystems. Global and regional surface temperature datasets are very important data for studying climate change, agricultural production, and urban heat island effects, and so on. At present, there are mainly two methods for obtaining global surface temperature data set. Our method tries to combine the advantages of remote sensing and traditional methods to improve accuracy. A detailed analysis is already made in “AC9: 'Response to RC3', kebiao mao, 16 Mar 2020”. The point-to-point response is as follows. Sincerely, Kebiao Mao, et al.

Please also note the supplement to this comment:

<https://www.earth-syst-sci-data-discuss.net/essd-2019-155/essd-2019-155-AC10-supplement.pdf>

Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2019-155>, 2019.

C2