

# ***Interactive comment on “Analysis of the Geomagnetic Component Z Daily Variation Amplitude Based on the China Geomagnetic Network” by Xudong Zhao et al.***

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The manuscript tried to analyze the feature of component Z daily variation amplitude based on the China Geomagnetic Network, such as the Z daily variation amplitude in different months, the seasonal variation, and comparison the Z daily variation amplitude of Yunnan province with other regions. The data used in this study has an important contribution to the analysis of the geomagnetic diurnal variation or to analyze the anomaly. The following are some suggestions to improve the manuscript. (1) Page 2, lines 56-61, this sentence is too long. Rewrite. (2) Page 7, line 204, delete this sentence “SHW and QZH are located in Fujian province; XFJ is located in Guangdong

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province.". The reason is that the Fujian province and the Guangdong province are not marked in any figure, and it is not important.

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