

Earth Syst. Sci. Data Discuss., referee comment RC1  
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## **Comment on essd-2022-274**

Anonymous Referee #1

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Referee comment on "An enhanced integrated water vapour dataset from more than 10 000 global ground-based GPS stations in 2020" by Peng Yuan et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2022-274-RC1>, 2022

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This paper is to present a high-quality global Integrated Water Vapour (IWV) dataset from 12,552 ground-based Global Positioning System (GPS) stations in 2020. Although the IWV data is useful, while it has no new methods or IWV improvement. Furthermore, it did not show new performances or achievements in weather prediction. Therefore it is against publication in the current form.