

March 18, 2026

Subject: Revised Code and Data Availability Section (Response to GMD Editor)

Dear Prof. Añel,

Thank you for your feedback and patience. As requested, we have updated the Code and Data Availability section of the manuscript to fully address the concerns raised in your previous comment.

We have now archived the datasets used in our analysis (ERA5, GPCP, CMORPH, and IMERG precipitation data) at Zenodo: <https://doi.org/10.5281/zenodo.19077484>

The updated Code and Data Availability section has been revised accordingly and is included below for your review:

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### Code and Data Availability

The CCAM model code used in this study, including the main CCAM code (version CCAM-2504), post-processing scripts, and running scripts, is archived at Zenodo: <https://doi.org/10.5281/zenodo.19018138>

The observational and reanalysis datasets used in this study (ERA5, GPCP, CMORPH, and IMERG precipitation data) is archived at Zenodo: <https://doi.org/10.5281/zenodo.19077484>

Original datasets remain available from their providers:

- ERA5 (Hersbach et al., 2023): <https://doi.org/10.24381/cds.bd0915c6>
- GPCP (Huffman et al., 2023): <https://doi.org/10.5067/MEASURES/GPCP/DATA305>
- CMORPH (Joyce et al., 2004; Xie et al., 2017): <https://doi.org/10.25921/w9va-q159>
- IMERG (Huffman et al., 2019): <https://doi.org/10.5067/GPM/IMERGDF/DAY/06>

All figures presented in this manuscript were generated using Python scripts, which are publicly available at <https://doi.org/10.5281/zenodo.18423588>. All references of the datasets are listed in the in-text data citation references

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We hope these changes fully meet your requirements for reproducibility and compliance with the journal's Code and Data Policy. Please let us know if there are any further issues or if any additional modifications are needed.

Thank you again for your guidance and support throughout this process.

Kind regards,

Son C. H. Truong

On behalf of all authors