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Correction: Numerical simulation of a heavy rainfall event over Mindanao, Philippines, on 03 May 2017: mesoscale convective systems under weak large-scale forcing

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Correction: Geoscience Letters (2023) 10:23 https://doi.org/10.1186/s40562-023-00277-8

Following publication of the original article (Lagare et al. 2023), the authors would like to correct the errors in Figs. 5 and 9 labels and some references.

The authors have identified that Figs. 5 and 9 were mislabeled.

It has been corrected in this correction. The original article has been updated.

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Du Y, Chen G, Han B, Bai L, Li M (2020) Convection initiation and growth at the coast of south China. Part II: effects of the terrain, coastline, and cold pools. Mon Weather Rev 148(2):3871–3892.

The original article can be found online at https://doi.org/10.1186/s40562-023-00277-8.

*Correspondence: Cathrene Lagare clagare@dc.tohoku.ac.jp Du Y, Chen G, Han B, Mai C, Bai L, Li M (2020) Convection initiation and growth at the coast of south China. Part I: effect of the marine boundary layer jet. Mon Weather Rev 148(1):3847–3869.

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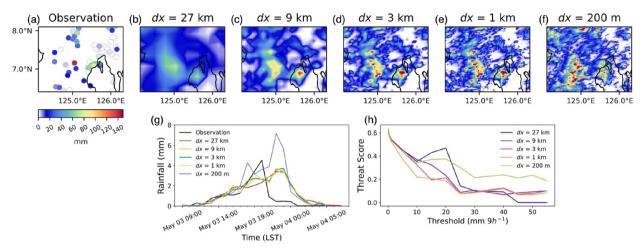


Fig. 5 Spatial distributions of 9 h of accumulated **a** observation and **b–f** model rainfall (14:00–23:00 LST of 03 May 2017) at different horizontal resolutions, and **g** area-averaged hourly mean rainfall over the area in **a**; **h** threat scores at different threshold values of the 9 h of accumulated rainfall in **a–f**

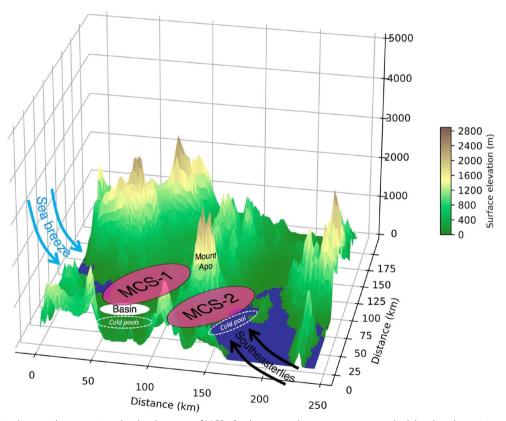


Fig. 9 Schematic diagram demonstrating the development of MCSs. Sea breeze on the western coast supplied the abundant moisture that developed MCS-1 in the basin. The precipitating downdrafts of MCS-1 formed cold pools that contributed to its upscale growth. The interaction of the southeasterly winds and Mount Apo terrain developed MCS-2, and its precipitating downdrafts formed a cold pool that assisted its maintenance and growth

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