



Contiguous Rain Area Analysis on small domains: a rainfall event over Cyprus

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Verification is one of the key aspects of numerical weather prediction. A method to evaluate model forecasts is the Contiguous Rain Area (CRA) analysis. Usually this analysis is performed on regional scale over large countries. In this work, a CRA analysis over the island of Cyprus is performed. We show that much care has to be taken when such verification is performed over small domains. The choice of the matching criterion to be used or domain width can change verification results, overall when several precipitation structures are present over the verification area