



The performance of the WRF model in selected precipitation events over Catalonia (NE Spain) with different convective and microphysical parameterizations

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The performance of Weather Research and Forecasting Model (WRF) has recently been evaluated over Catalonia (NE Spain) in order to study the viability of being implemented operationally. Due to the importance of the precipitation forecasts in this area, the first goal in this task was to assess the model sensitivity to several configurations of its convective and microphysical parameterizations.

Verification results of 12-km grid WRF forecasts, using various configurations, are presented in this work for a group of selected events with precipitation observed over Catalonia.