

Fine-scale Structure of Mesoscale-beta-scale vortices that caused tornado-like vortices

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Numerical simulations investigate structures and evolutions of meso-beta-scale vortices (MBVs) that caused sudden gusty winds. Triply nested simulations successfully reproduced the realistic MBVs and tornado-like vortices within the MBV. We will show the results of the simulations in the presentation.