

Review of the re-submitted version of “Synoptic-scale conditions and convection-resolving hindcast experiments of a cold-season derecho on 3 January 2014 in Western Europe” by Mathias et al.

I did not find major issues not already mentioned in my initial review.

Minor Comments

Please re-consider all my technical comments from the initial review and make sure that they addressed consistently throughout the manuscript.

See for example:

P5L145: analysed → detected/diagnosed

P7L219 and P9275: convection-initiating boundary (also pointed out by the anonymous reviewer)

P4L116 and P9L272 and P10L312: grid interval → grid spacing

Technical Changes

Fig 11: Panels (a) and (b) miss the “E” and “N” labels.

Please note that the manuscript is still missing a data availability section. In particular, I recommend including the following statement somewhere: “COSMO may be used for operational and for research applications by the members of the COSMO consortium. Moreover, within a license agreement, the COSMO model may be used for operational and research applications by other national (hydro-)meteorological services, universities, and research institutes.”

There is no need to mention my name in the acknowledgments.

Cheers

David Leutwyler