

Interactive comment on “Ensemble cloud-resolving modelling of a historic back-building mesoscale convective system over Liguria: The San Fruttuoso case of 1915” by Antonio Parodi et al.

Antonio Parodi et al.

antonio.parodi@cimafoundation.org

Received and published: 4 February 2017

Now we have included figures 2 and 3.

Figure 2: QPF 1 km grid spacing 12UTC 24-09-1915 – 00UTC 26-09-1915 for the ensemble members 1, 13, 22 and 37: first row results corresponding to simulations driven by outermost domain at 25 km grid spacing, second row the same but with outermost domain at 125 km grid spacing.

Figure 3: Member 1, 06UTC on 25 september 1915. Panel A shows the 2 m potential temperature field together with the 10 m horizontal wind vector field. Panel B to G show

C1

the vertical cross sections of potential temperature, vertical velocity, water vapour, rain water, snow, and graupel mixing ratios along the cross section corresponding to the green dotted line of Panel A.

Interactive comment on Clim. Past Discuss., doi:10.5194/cp-2016-97, 2016.

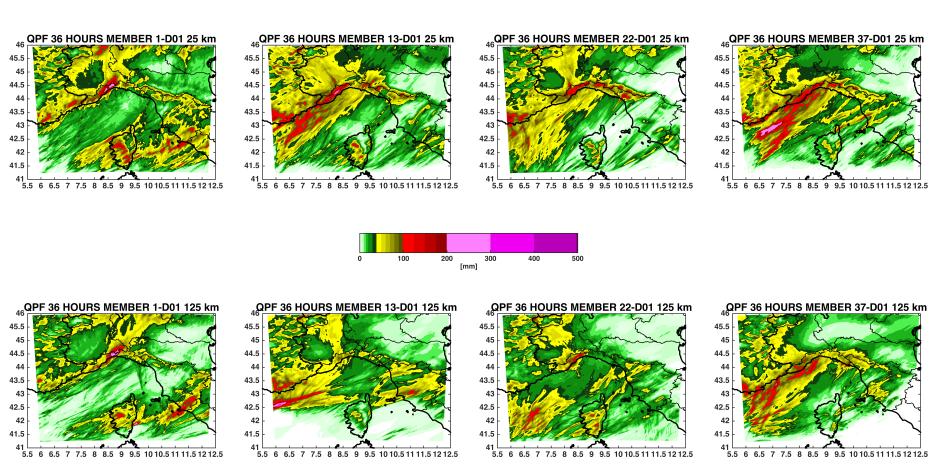


Fig. 1. Figure 2.

C3

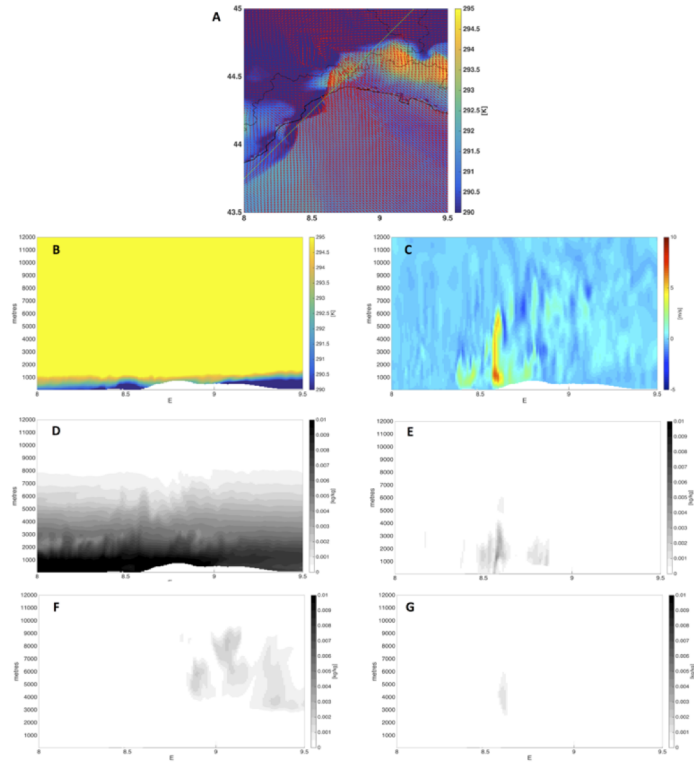


Fig. 2. Figure 3.

C4