



Further case studies using the 3D-Var scheme for the ALADIN/Hungary model

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Case studies



✓ The "inversion" case (December 27, 2002)

✓ The "snow" case (January 7, 2003)



OMS

The "inversion" case (December 27, 2002)





OMS2

The "inversion" case (December 27, 2002)









The "inversion" case (December 27, 2002)





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Conclusions



- The 3D-Var procedure works properly.
- But with some limitations.
- The improvements introduced in the analysis were lost after 6h.
- It is important to have accurate lateral boundary conditions.







THANK YOU FOR YOUR ATTENTION!



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