



Targeted observations for the Mediterranean. First results from the 2008 Eurorisk-PREVIEW campaign

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One of the objectives of the Second Phase of the MEDEX Project on cyclones that produce high impact weather in the Mediterranean includes the test of using targeted observations for improving the forecast of damaging weather events in the Mediterranean basin. The first MEDEX campaign was planned for autumn 2008. The coincidence of this field campaign with the last months of the real-time trial for Eurorisk-PREVIEW project and the partial convergence of objectives of both projects finally carried out to the use of the DTS facilities, developed by ECMWF in partnership with the UK Met Office for Eurorisk-PREVIEW, in order to assess the feasibility of operational adaptive observations for the Mediterranean.

In this presentation the first results of the campaign, referred to the Mediterranean, are summarized. The number of selected cases, the observations finally deployed and the experience gained are considered. Some aspects about predictability of the cases and the plans about numerical experiments for assessing the impact of the observations are also commented.