

Application and verification of ECMWF products 2012

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1. Summary of major highlights

Our use of ECMWF products has not changed much during the last year.

2. Use and application of products

2.1 Post processing of model output

2.1.1 Statistical adaption

2.1.2 Physical adaption

ECMWF fields are used as boundaries for our own runs of limited area model HIRLAM. In the University of Tartu, researchers are experimenting with air pollution model SILAM using ECMWF model data for meteorological fields.

2.1.3 Derived fields

2.2 Use of products

ECMWF model data, both deterministic and ensemble, are the main sources for routine weather forecasting for longer than 2-days forecasts.

3. Verification of products

EMHI does not perform any specific verification of ECMWF forecasts. However, we have a simple comparison and visualization system for ECMWF, HIRLAM and our official forecasts.

4. References to relevant publications