

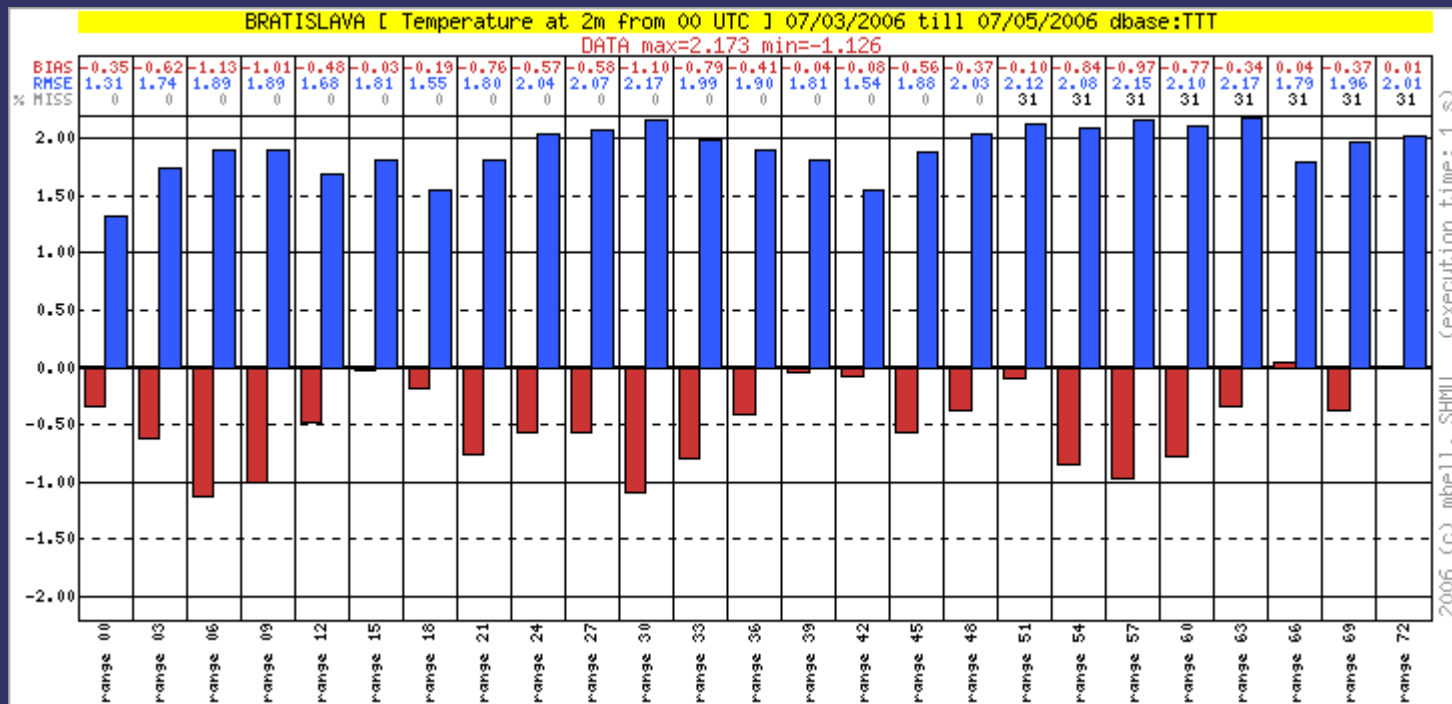
ALADIN related activities at SHMI

Main operational highlights since last ALADIN workshop:

- 25-07-2005: 06 UTC run introduced
- 21-09-2005: wind dyn adaptation oper
- 29-09-2005: 18 UTC run introduced
- 23-01-2006: new LBC/CLIM files
- 23-03-2006: LBC for 72 (60) hours
- 27-03-2006: integration up to 3 days!
- 06-04-2006: LoadLeveler upgrade
- 05-05-2006: multirun ensemble oper

ALADIN related activities at SHMI

Verification of 72 hours forecast: T2m BIAS and RMSE



Verification period: 3 months (more than 1 month with 72h forecast)

ALADIN related activities at SHMI

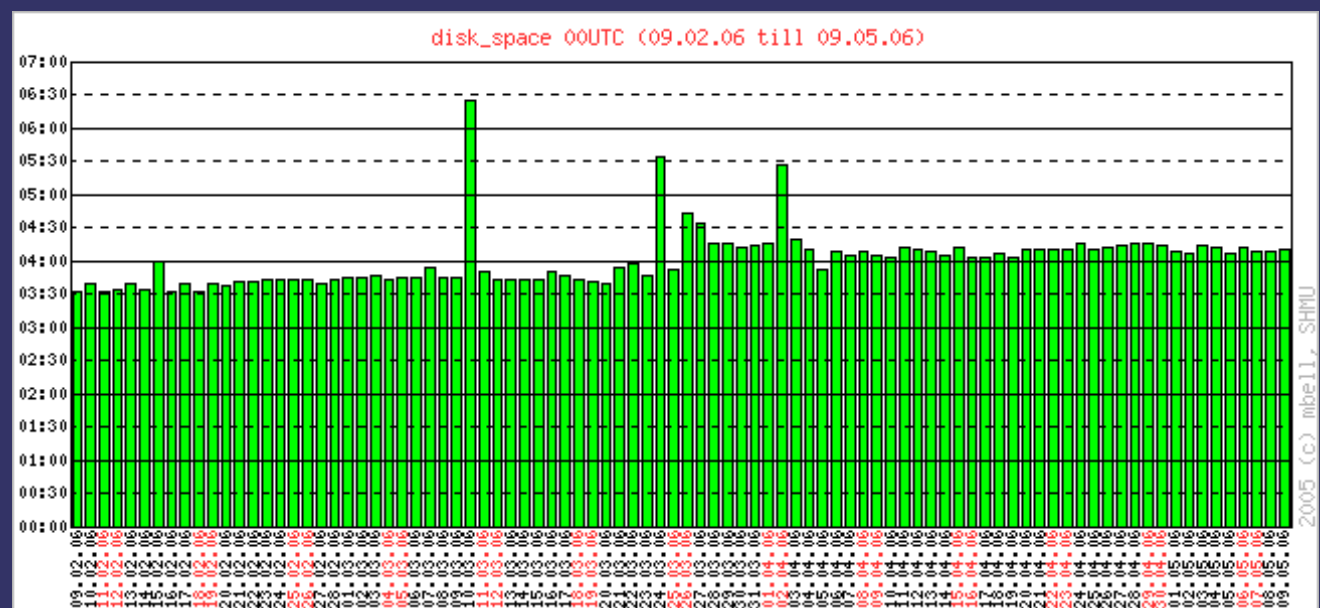
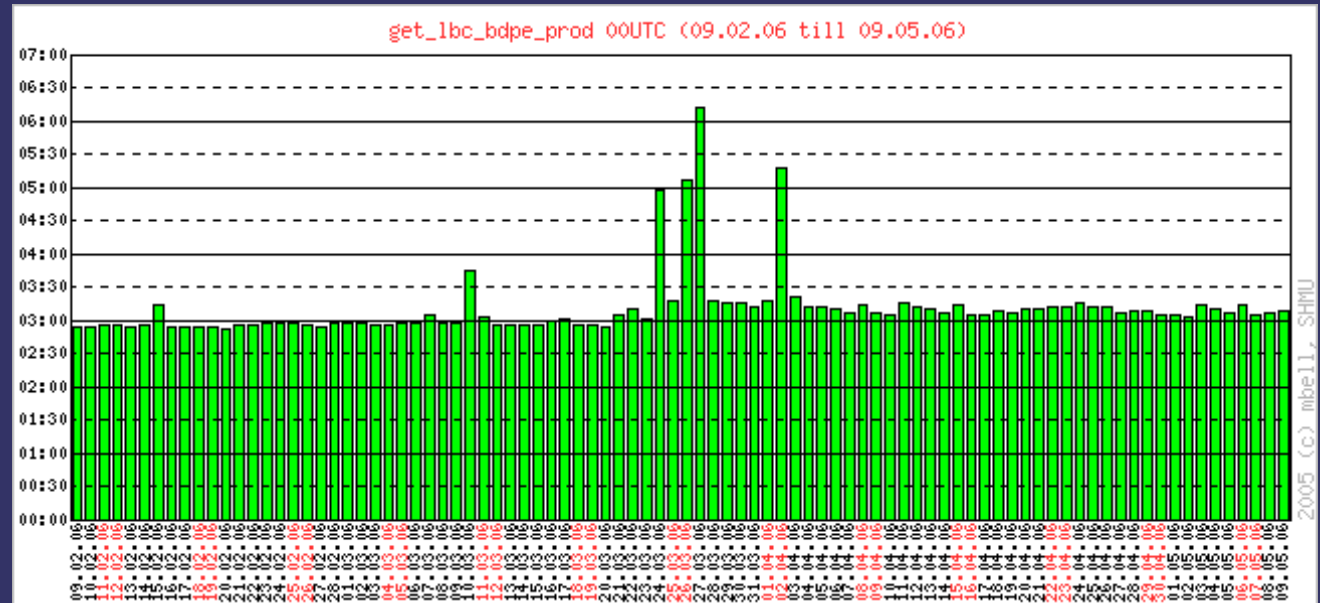
Data accessibility:

Fetching of complete set of LBC files:

+10-15 min

Whole set of operational products:

+15-20 min



ALADIN related activities at SHMI

Meteogram for 72 hours:

Temperature at 2m

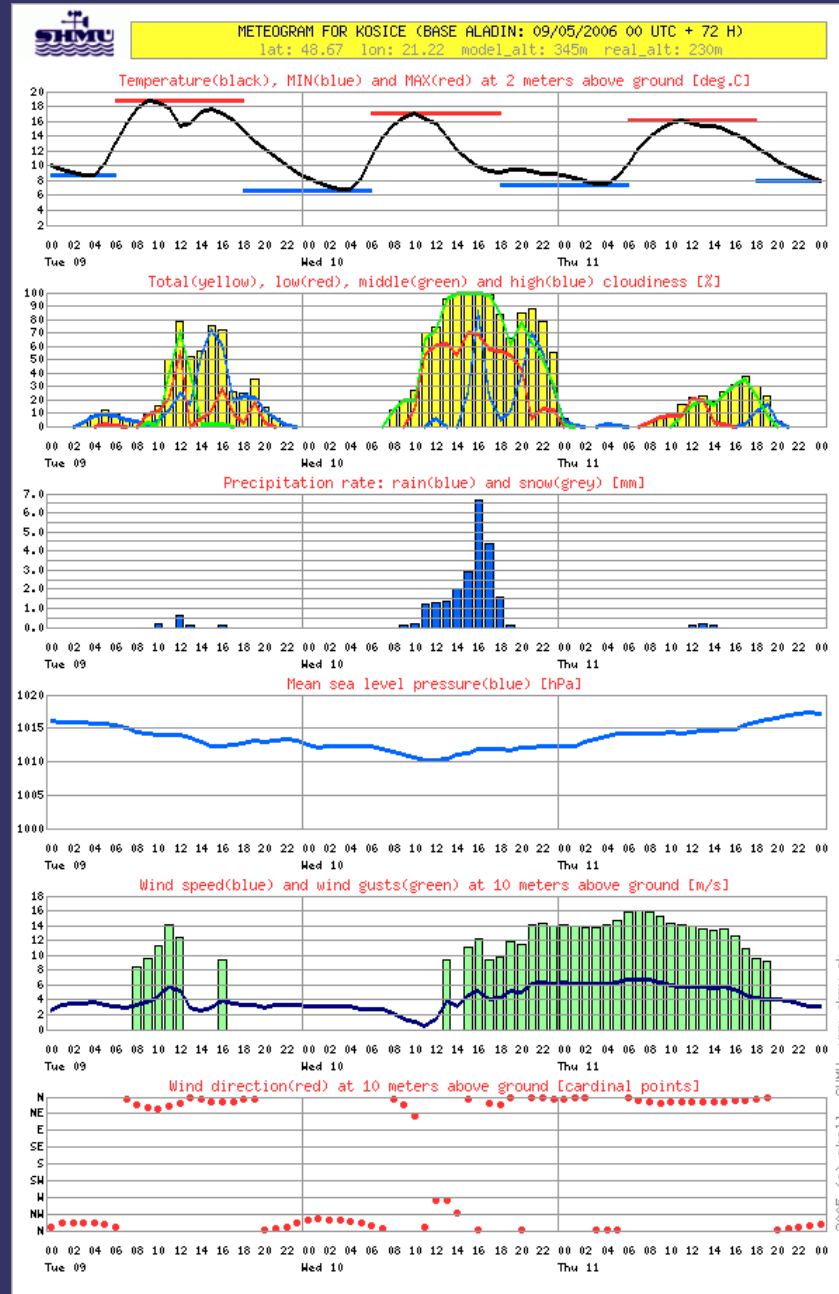
Cloudiness

Precipitation (rain, snow)

MSLP

Wind speed and gusts

Wind direction



ALADIN related activities at SHMI

Epsgram for 48 hours:

Temperature at 2m

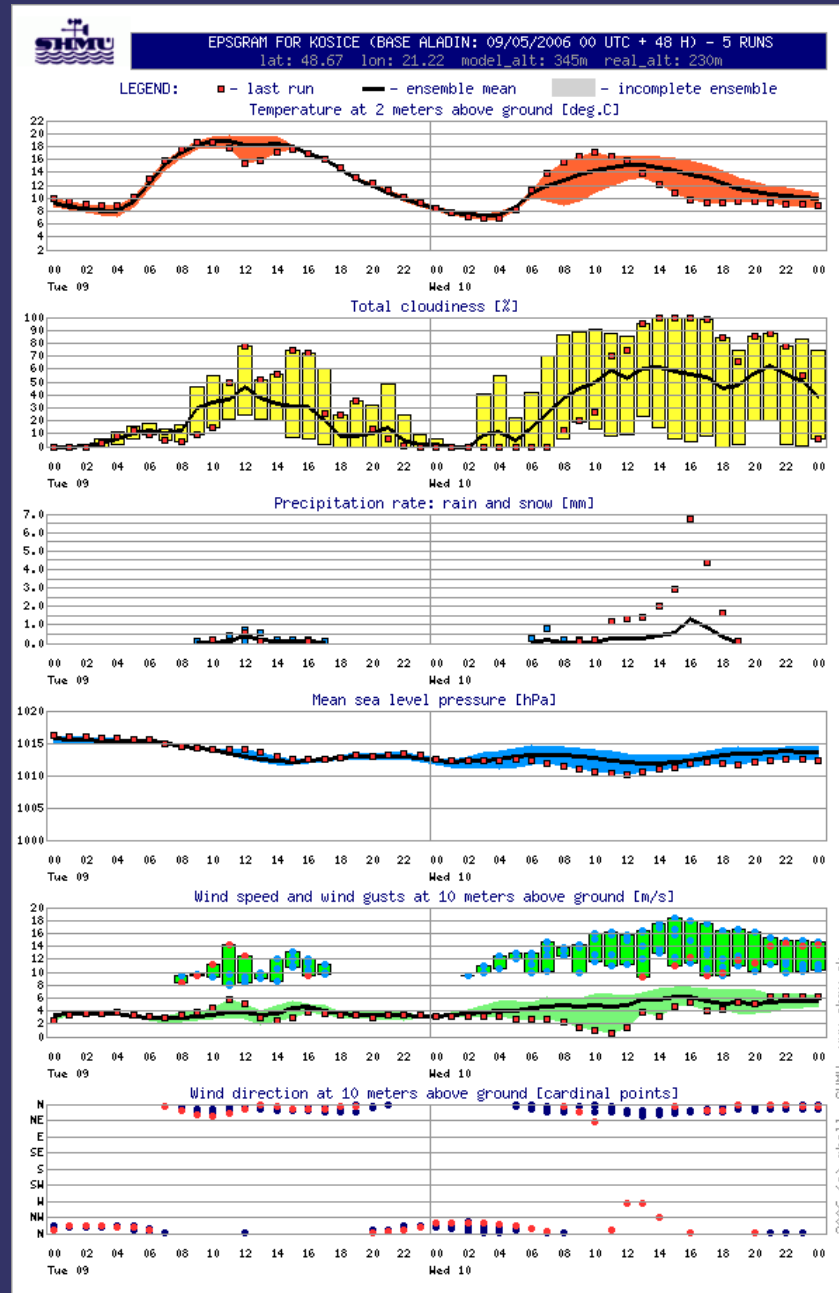
Cloudiness

Precipitation (rain, snow)

MSLP

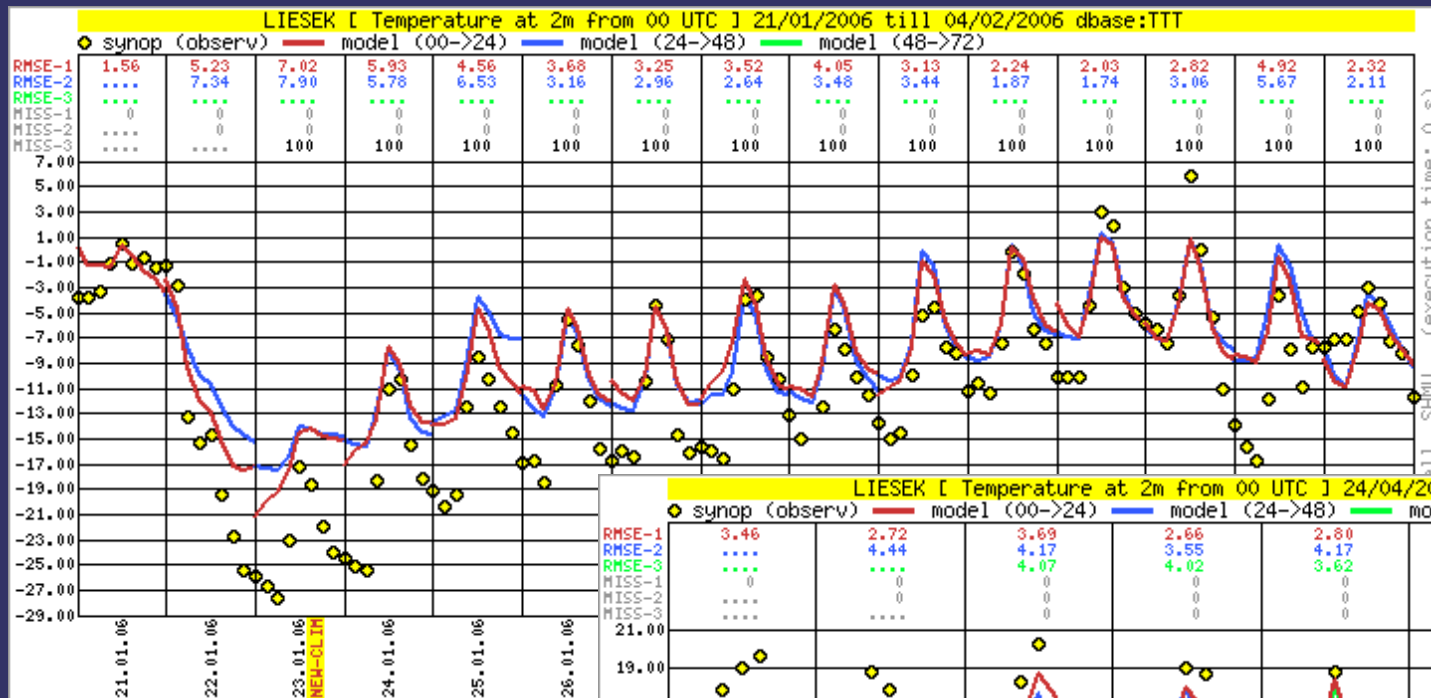
Wind speed and gusts

Wind direction



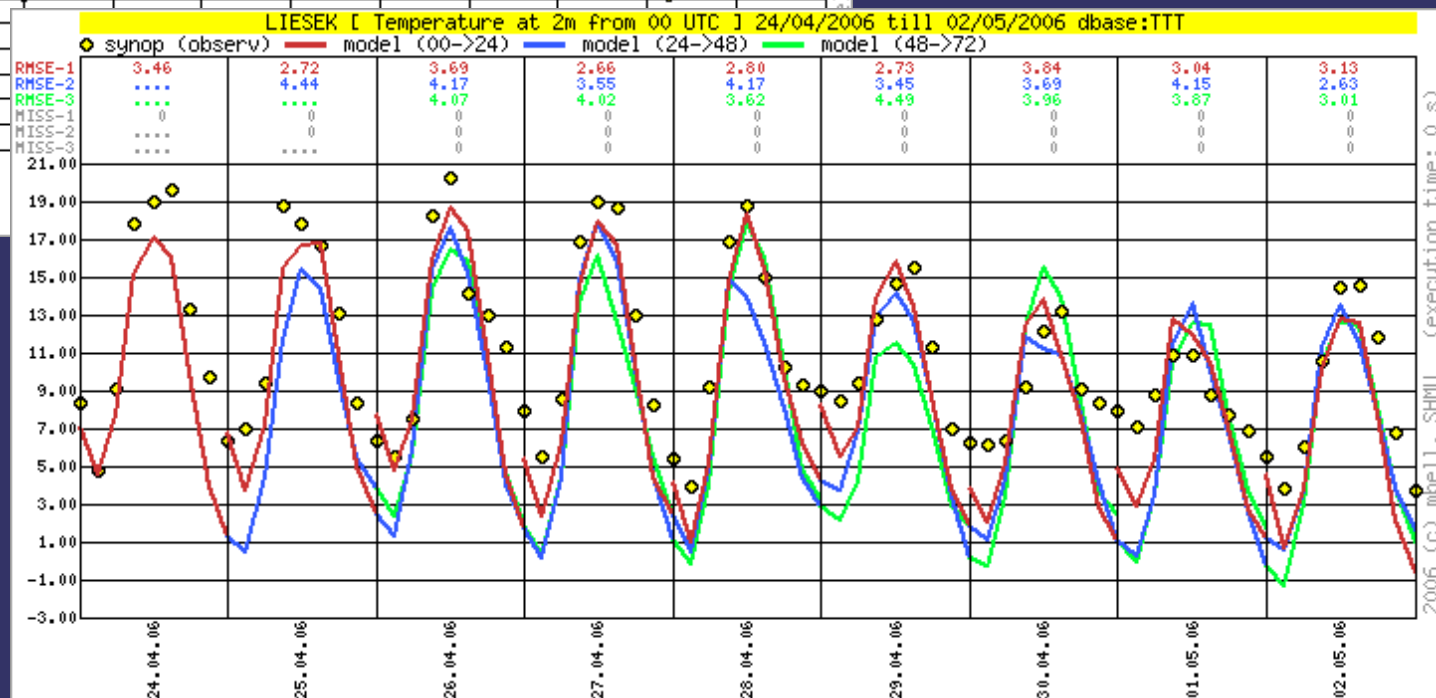
ALADIN related activities at SHMI

Episodes with deteriorated ALADIN ability to predict T2m:

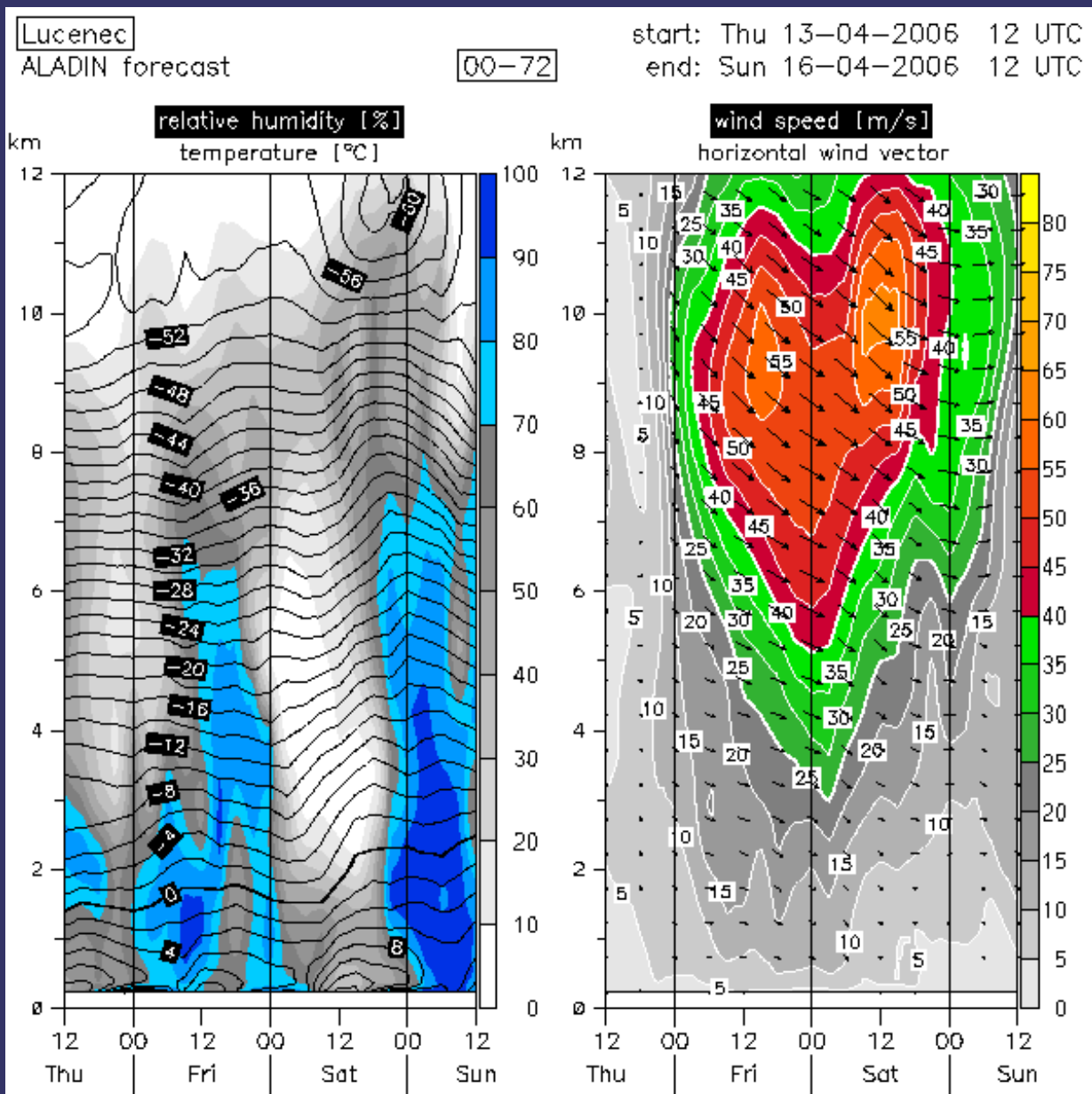


January 2006:
Overestimation
of T2m ~8 deg.C

April 2006:
Underestimation
of T2m ~6 deg.C



ALADIN related activities at SHMI



ALADIN in
LOVE? 😊