



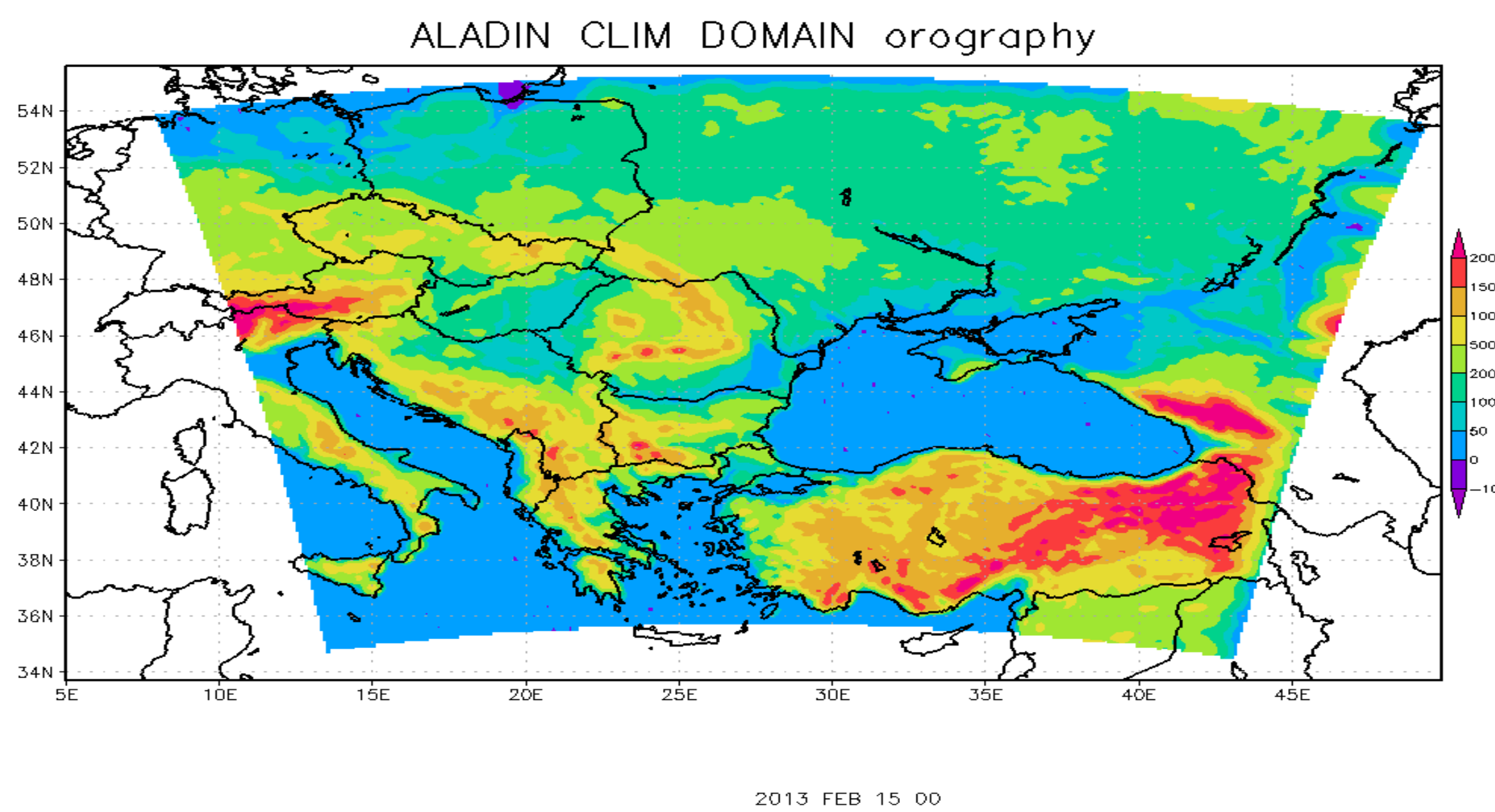
Bulgaria

Andrey Bogatchev and Boryana Tsenova

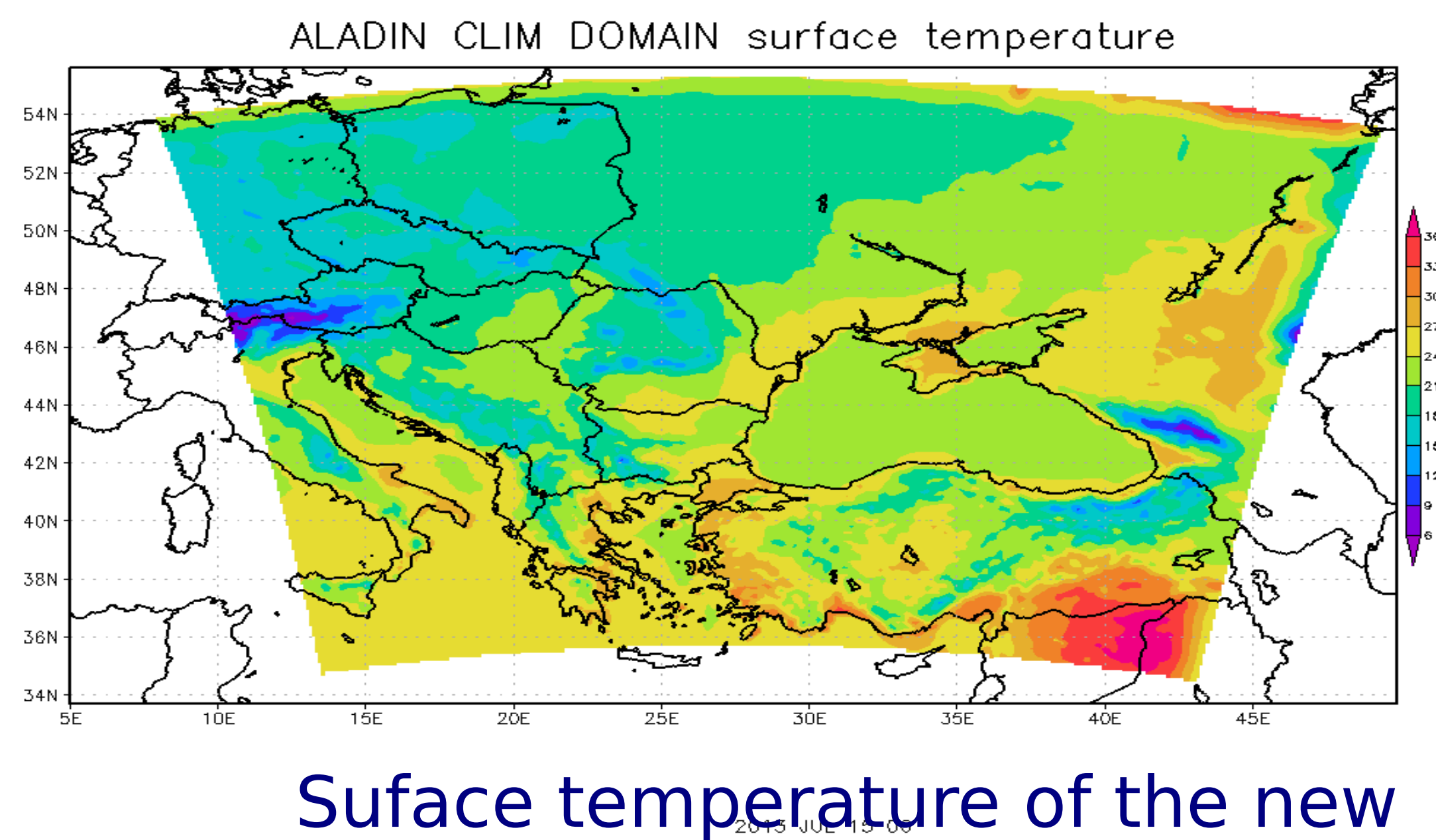
National Institute for Meteorology and Hydrology, Bulgarian Academy of Sciences, Sofia, Bulgaria

The news for ALADIN - BG since the EUGLAM meeting are related with the switching to the new climatology files. The computed on beaufix new clim telecom files were validated and tested. The parallel suite based on mirror production on BULL was created. Later on the climatology files for the integration, post processing domain as well as PGD file for the SURFEX were recomputed on BULL and introduced to the parallel suite. This assured the smooth transition to the new operational production on BULL.

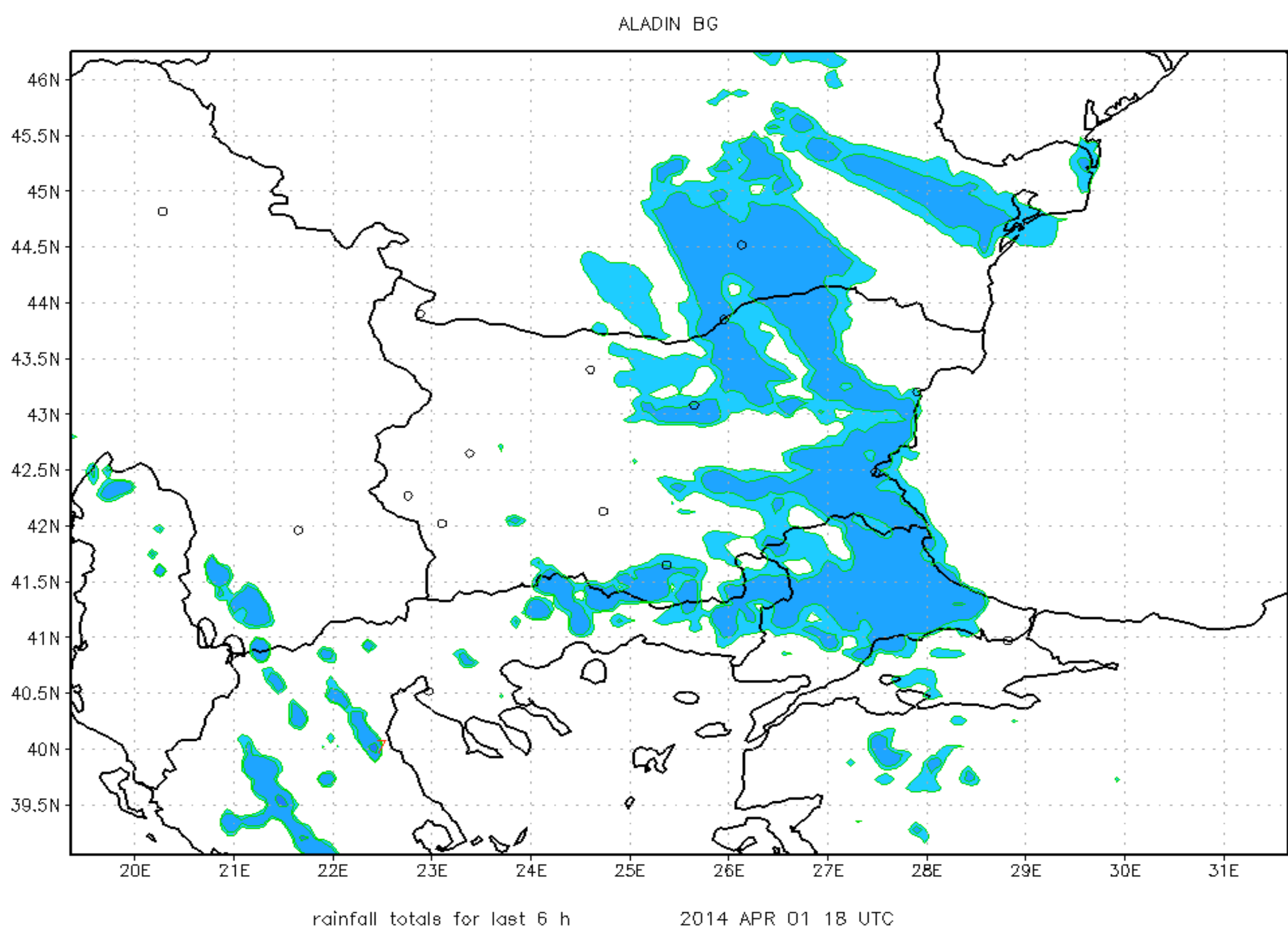
Export of cy38t1 was ported initially on notebook (OMP ONLY), afterwards on our cluster. There were performed single forecast with export binary for validation of the porting. There were no significant differences with operational forecast. Now B. Tsenova is constructing full parallel suite with the export version



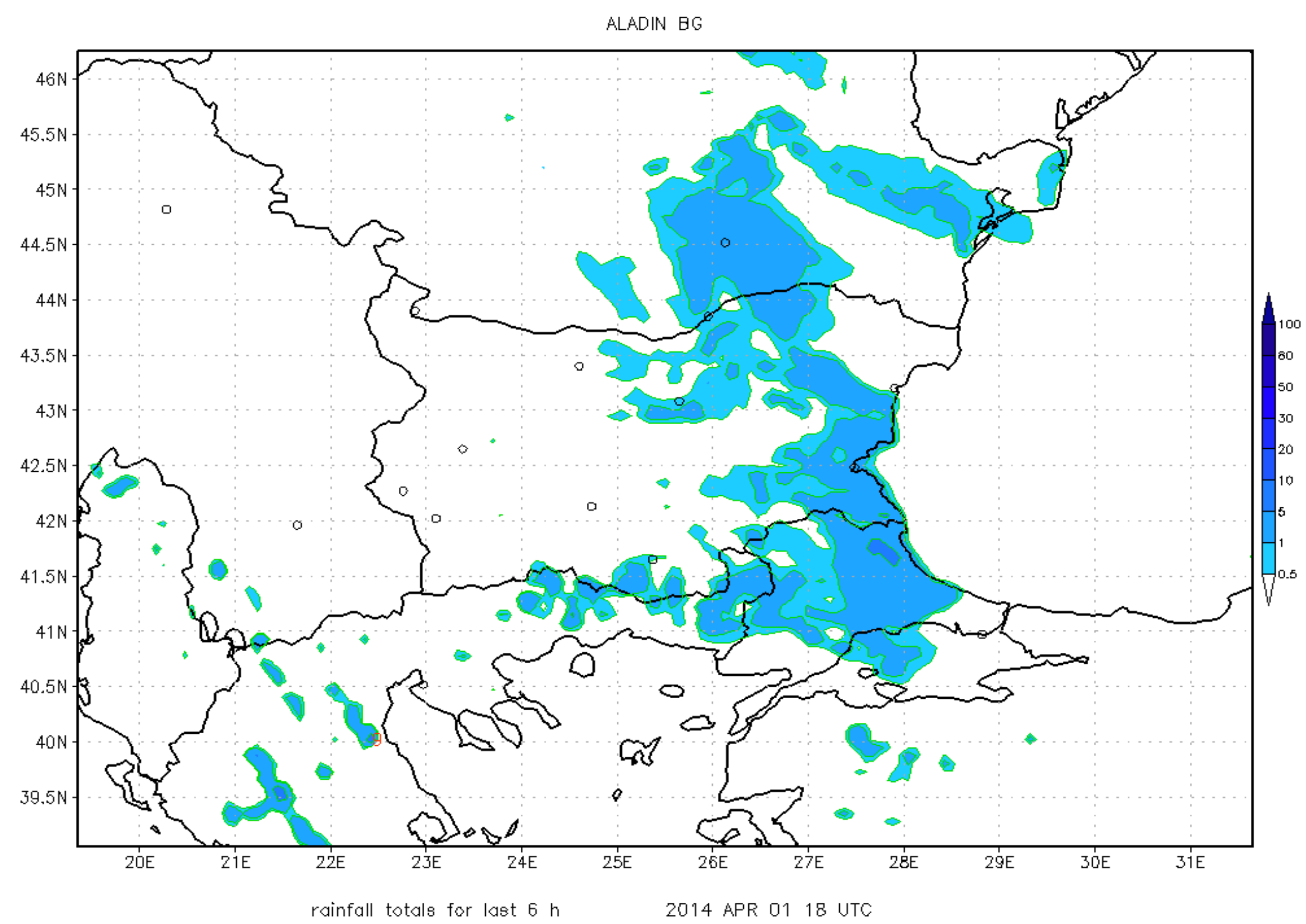
Orography of new clim-telecom file



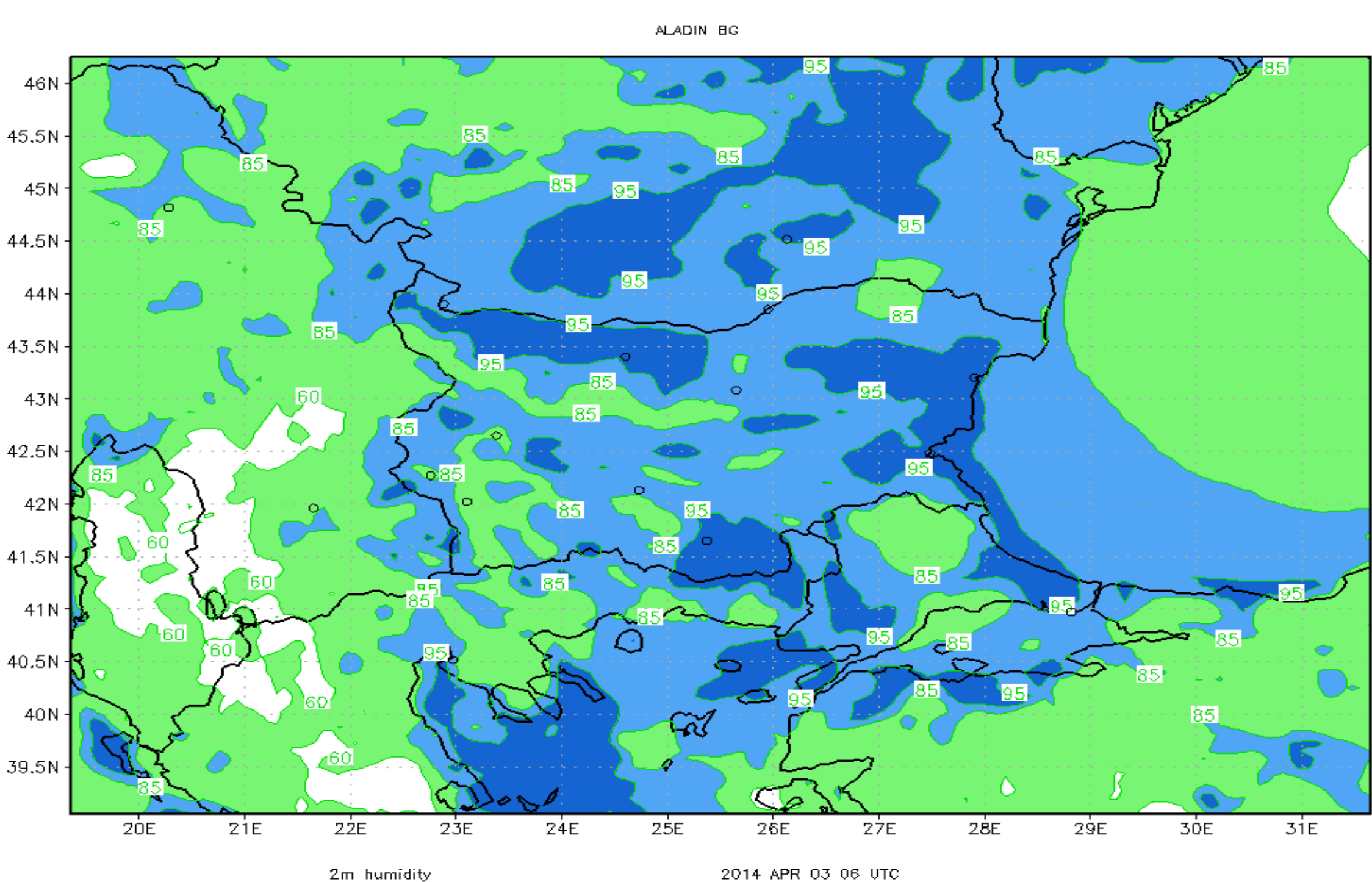
Surface temperature of the new clim-telecom file for July



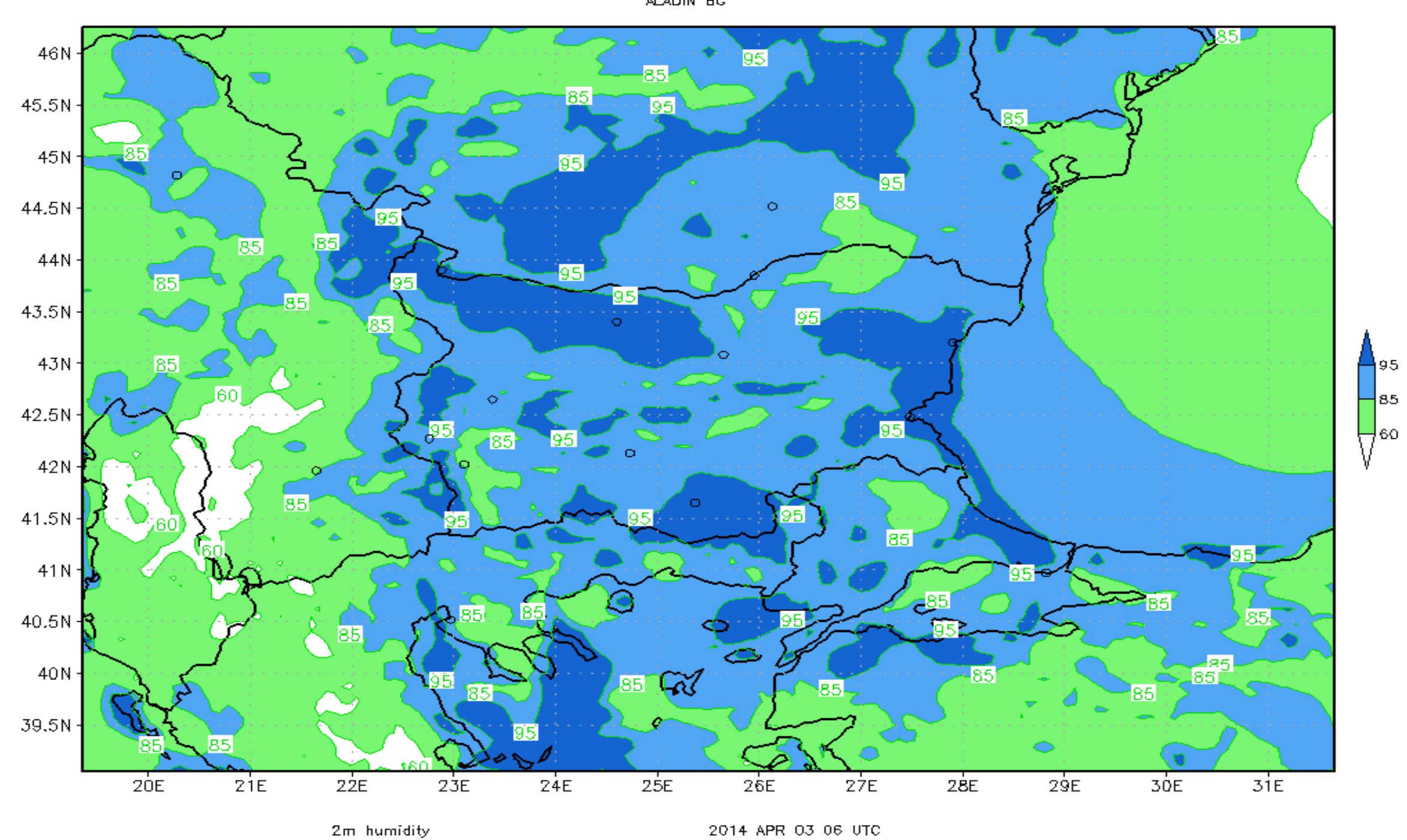
Precipitation from control forecast with export of cy38t1



The corresponding precipitation forecast from operational suite



Humidity from control forecast of export cy38t1



Humidity forecast from operational suite

NIMH-BAS participates the FP7 Project "Increasing Resilience through Earth Observation" as a partner of METEO-FRANCE(MF), as executors of the Work Package (WP) 202 - Winds, waves and storm-surges. The ALADIN group is responsible for the downscaling of the reanalysis of historical meteorological observations for storm situations to be simulated with the aim to examine potential coastal hazards.

Acknowledgement: The participation of a member of the ALADIN - BG group at HIRLAM/ALADIN All staff Meeting, Bucarest, 2014 is financed by IncREO project.