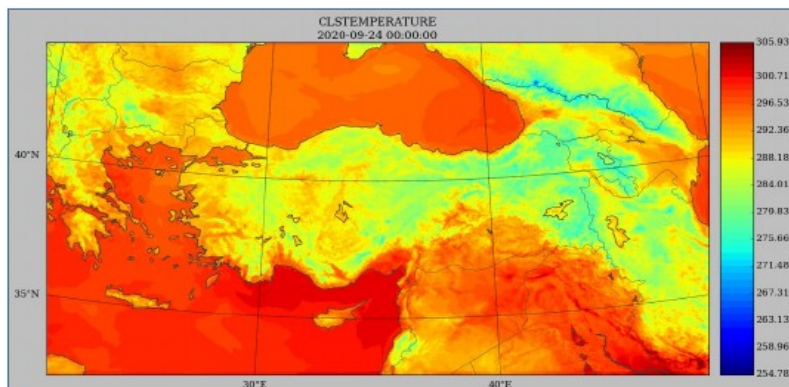# Turkish State Meteorological Service-NWP Division(sht@mgm.gov.tr)
42nd EWGLAM and 27th SRNWP Meeting 2020 - virtual meeting
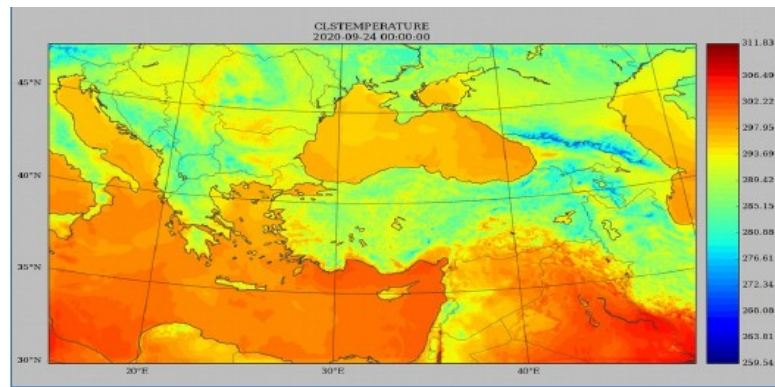
AROME-TURKEY cy43t2-bf10

- Domain 1.7 km, 1500*800
- 72 vertical levels, time step=60
- 3h coupling ARPEGE
- Forecasts up to 48h at 00, 06, 12 and 18 UTC

ALARO-TURKEY cy40t1-bf7

- Domain 4.5 km, 720*450
- 60 vertical level,time step=180
- 3h coupling ARPEGE
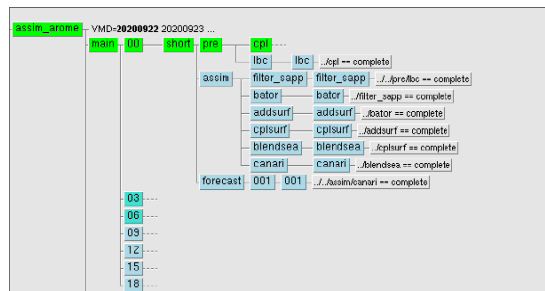- Forecasts up to 72h at 00, 06, 12 and up to 60h at 18 UTC

DAsKIT ACTIVITIES with AROME-TURKEY

- Thanks to DasKIT, BATOR and CANARI (scripts provided by Maria Monteiro and Alena Trojakova) tested successfully with local synop obs at local machine.
- SAPP synop observations(bator_decodbufr_mod.F90 and param.cfg files were provided by Eoin Whelan) are used in the assimilation system.
- Pre-operational 3 hourly AROME surface assimilation (OI-CANARI) cycle is ready.
- Same set up as operational Arome-Turkey but with IFS lbc
- Canari namelist is updated thanks to Alena Trojakova and Jean François Mahfouf.

PLANS

- Calculation of Ensemble B-Matrix
- Combined surface and upper air assimilation with 3 hourly RUC
- Adding more observations

LOCATIONS OF SAPP SYNOP OBSERVATIONS IN ECMA ODB 2020091800