

OPERATIONAL STATUS ROMANIA 2017.2

The operational suite at NMA-Romania has no changes since last year. It is implemented on IBM BLADE Linux cluster with the following characteristics:

- 5 blade Dual CPU, Intel Xeon E5-2620 @ 2.0Ghz;
- 64GB RAM, NUMA;
- 2 Disk, 300GB 10k rpm SAS;
- 2x1Gbps Ethernet; 2x10Gbps Ethernet

The current operational version of ALARO is ALARO-0 cycle 40t1, having the following settings:

- Model Version: cy40t1 from 1st of April 2016
- Horizontal resolution: 6.5 km
- Number of levels: 60
- Number of grid points: 240 x 240
- Time-step: 240 s
- Coupling model: ARPEGE
- Coupling frequency: 3 hours
- Forecast runs: 00/06/12/18 UTC
- Forecast range: 78/54/66/54
- Output every: 1 hour
- Grid: linear

Statistical Adaptation:

- MOS since May 2016

Graphics based on:

- Magics and Metview
- package developed within NMA and RC-LACE, based on grib_api, perl and ncl-ncar