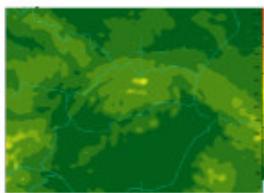


PAST

Workstation characteristics

DEC Alpha Xp1000 (Compaq)
EV6 processor
1 GB memory
32 GB HDD
DIGITAL UNIX V4.0
Digital F90 compiler V5.2



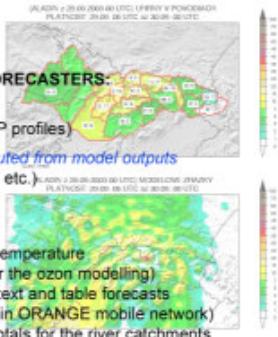
WS version model characteristics

domain size	862x646 km (120x90 points in quadratic grid)
domain corners	[14.69 ; 46.05 SW] [25.26 ; 51.07 NE]
horizontal resolution	7.2 km
vertical levels	31
time step	337.5 s
forecast length	48h / twice per day (00 and 12 UTC)
driving model	ALADIN/Vienna
coupling frequency	6 h
mode	dynamical adaptation
code version	AL12_op6 (CYCORA_bis)

SHMI NWP products

PRODUCTS FOR INTERNAL USE BY FORECASTERS:

- standard meteorological fields
(surface and upper air fields, pseudoTEMP profiles)
- additional parameters and indexes computed from model outputs
(KO index, Q-vector, Faust, CAPE, T-grad etc.)

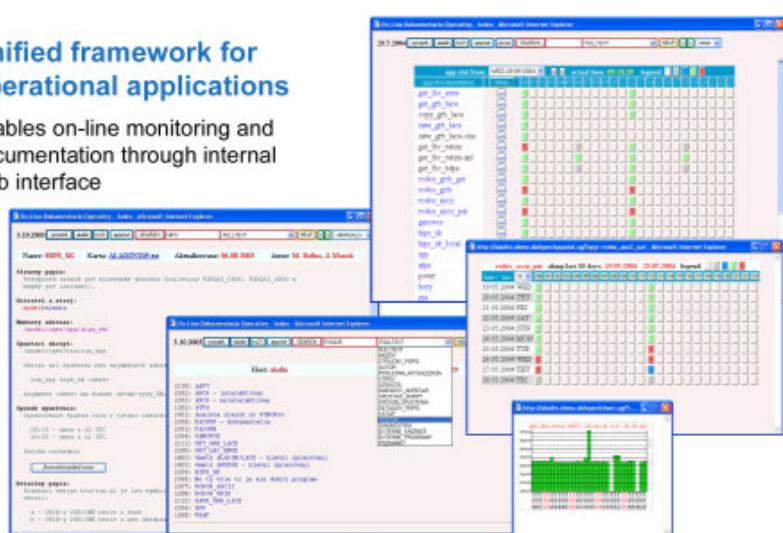


PRODUCTS FOR END CUSTOMERS:

- | | |
|------------|--------------------------------------------------------------------------------------------------------------------------------|
| GANOVCE | - geopotential height and temperature
at the pressure levels (for the ozon modelling) |
| ORANGE | - automatically generated text and table forecasts
(accessible via SMS within ORANGE mobile network) |
| HIPS | - forecasted precipitation totals for the river catchments
(for Slovak territory and the adjacent regions) |
| RODOS | - selected meteorological fields for the dispersion
model RODOS (grids and ascii files) |
| SPP | - temperature forecast for Slovak regions
used by gas company (tables) |
| PARAGLIDER | - automatically generated table forecasts
for 30 starting positions (min/max T2m, weather, FF,
DD for www.paraglider.sk) |
| ZSE | - forecast for Bratislava used by power factory
(tables with T2m, weather index and FF, DD for 24 h with 3 h step) |

Unified framework for operational applications

enables on-line monitoring and
documentation through internal
web interface



15th ALADIN workshop to be held in Slovakia, spring 2005

Smolenice Castle (60 km NE from Bratislava)
30/05/2005 - 3/06/2005 (the only possible date)
only 38 rooms (total 80 beds)



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