



How to run a HARMONIE MUSC experiment?

Laura Rontu

FMI, Meteorological Research

International HIRLAM-B programme, Physical parametrisations



MUSC working days
29.11 – 2.12.2011 FMI, Helsinki



Modèle Unifié, Simple Colonne

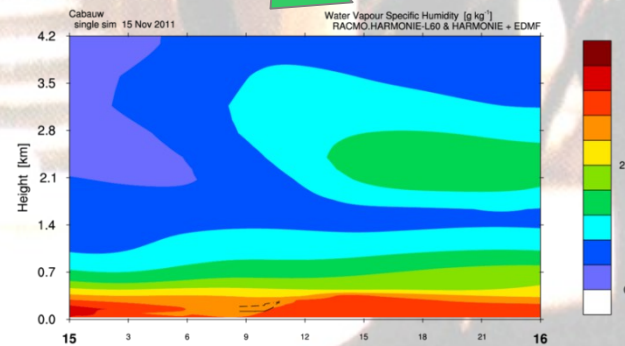


PICK
COLUMN
TO
NAMELIST

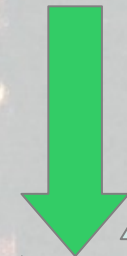
CONVERT
TO FA/LFI
-FILES

CONVERT
FROM LFA

PLOT



Modèle Unifié, Simple Colonne

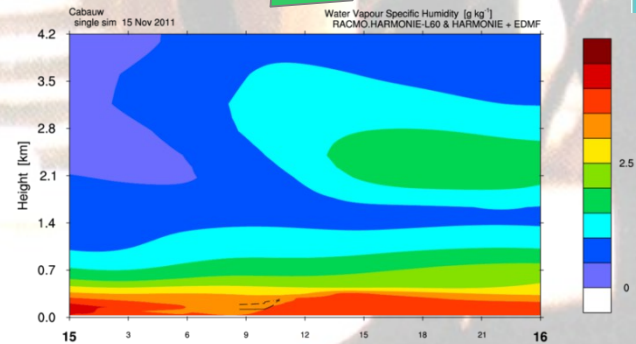


CONVERT FROM LFA

gl

acadfa1D +
pgd + prep

PIC
COLIC
T TO
NAM -FILES



PLOT

Run a test experiment



Required:

MUSC installed and compiled

Script mur copied to your /home/user/bin

- 1) say: mur
- 2) say: . ./tools.path
- 3) check that you have test input and namelist in \$MU_WD
- 4) say: ./Runmusc
- 5) cd \$MU_WRK/OUTPUT



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Try another input



Required:

A 3D Aladin file

gl and interpolation namelist

- 1) `gl -l -n naminterp_fa ICMSHHARM+0006_aladin`
- 2) `gl -l ICMSHHARM+0006_aladin.fa`
- 3) `cp ICMSHHARM+0006_aladin.fa initfile_25_L??`
- 4) `cp Runmusc Runmusc_testinput, edit`
- 5) say: `./Runmusc_testinput`
- 6) `cd $MU_WRK/OUTPUT`



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Feeding AROME-MUSC?



Required:

A 3D Arome fa file + a SURFEX Ifi file
Script Har2musc

- 1) say: Har2musc 0005
- 2) gl -l MUSCIN+0005.fa
- 3) gl -l MUSCIN+0005.If
- 4) cp MUSCIN+0005.fa initfile_25_L??
- 4) cp Runmusc Runmusc_arome, edit
- 5) say: ./Runmusc_arome
- 6) ?????????????????????????????????????



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