

What do I need to do when participating in D-PHASE

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Dear atmospheric model providers for MAP D-PHASE,

this document is meant to provide a sort of user guide with the key actions to be taken every time the MAP D-PHASE dry-run is approaching. As part of this exercise, we are all asked to intensively test the full end-to-end forecast system, in order to find strengths and deficiencies of the chain and improve it where necessary.

Here is the list of the main actions to be taken:

1. produce the GRIB1 files with the output variables as listed in the file **list-of-output-variables-for-atmospheric-models_v5.0_20070316.doc**, depending on the type of model you have (either “high-res”, or “dri”, or “ens” at the end of the email . . . let me know for errors) and on the capability of your model output. Please pay particular attention to the encoding rules, to the model domains, to the dataset names and contents;
2. send the output grib files to the data archive. Claudia Wunran will soon send around information about the data archive and the name convention to be used for file uploading. Please, remember that in addition to the grib files, each of us has also to provide a Metadata file with a description of the model itself;
3. generate the alerts (xml output files) with the grads routines provided by Felix Ament, who will send the relevant information as soon as possible;
4. send the generated xml files BOTH to the data archive centre AND to the Visualisation Platform: if you should not have an account to the data archive yet, please contact Claudia Wunran; in order to access the Visualisation Platform, please refer to the email of 22/2 by Marco Arpagaus;

5. generate the plots with the grads routines provided by Matthias Grzeschik; these routines are available at the site <ftp://ftp.dkrz.de/Outgoing/grzeschik>); the list of plots to be provided can be found in the file **ip-3.1.4_20070316.doc**.
6. send the generated plots BOTH to the data archive centre AND to the Visualisation Platform.

Please, let me know if you are ready to perform some (hopefully all) the tasks mentioned above; in case of limitations, we can discuss together the priorities. For any problem and/or errors, let me know. Below you also find some useful email addresses.

name	email
Felix Ament	Felix.Ament@meteoswiss.ch
Marco Arpagaus	Marco.Arpagaus@meteoswiss.ch
Matthias Grzeschik	grz@uni-hohenheim.de
Andrea Montani	amontani@arpa.emr.it
Cluadia Wunran	cops@zmaw.de

responsible person	model name	type of model
Montani Andrea	CLEPS	ens
Robertson Kelvyn	MOGREPS	ens
Garcia-Moya Jose'	INMSREPS	ens
Marsigli Chiara	CSREPS	ens
Denhard Michael	MPEPS	ens
Denhard Michael	PEPS	ens
Ament Felix	COSMOCH2	high-res
Ament Felix	COSMOCH7	dri
Torrise Lucio	LMITA	high-res
Torrise Lucio	LMEURO	dri
Cesari Davide	LAMI28	high-res
Cesari Davide	LAMI7	dri
Denhard Michael	LMK	high-res
Denhard Michael	LME	dri
Corazza Matteo	ARPALMOL	high-res
Corazza Matteo	ARPALBOL	dri
Mariani Stefano	QBOLAM33	dri
Mariani Stefano	QBOLAM11	high-res
Davolio Silvio	ISACMOL	high-res
Wang Yong	ALADAT	dri?
Seity Yann	AROME	high-res
Bazile Eric	ALADFR	dri
Marx Andreas	WRF60	dri
Marx Andreas	WRF20	dri
Marx Andreas	WRF5	high-res
Bauer Hans-Stefan	MM5_9	dri
Bauer Hans-Stefan	MM5_3	dri
Bauer Hans-Stefan	MM5_1	high-res
Marx/Werhahn	MM5_60	dri
Marx/Werhahn	MM5_15	dri
Marx/Werhahn	MM5_375	high-res
McTaggart Ron	GEMLAM10	dri
McTaggart Ron	GEMLAM25	high-res