
Minutes of 'SRNWP Data Pool' meeting

Goals:

- discuss first experiences from both the data providers and the data users side,
- discuss the perspectives of this activity

Location: MeteoSwiss Headquarter / Zurich

Date: 15.09.2010 14h15 - 15h45

Participants:

Jean-Marie Bettems (MeteoSwiss), Rolf Philipona (MeteoSwiss), Jean-François Mahfouf (Meteo France), Fred Bosveld (KNMI), Martin Best (MetOffice), Stefan Schneider (ZAMG), Frank Beyrich (DWD), Claudia Heret (DWD), Juergen Helmert (DWD), Francesca di Giuseppe (ARPA EMR), Luca Carporaso (ARPA EMR)

1. The history and the current status of this action are presented by J.M.Bettems.

The data are now available online, and can be accessed through the COSMO web site (<http://www.cosmo-model.org/>).

This action will be supported by COSMO for one more year, within the priority project 'COLOBOC'. All options are open after the end of COLOBOC (09.2011), including a possible long term support by COSMO.

→ It is very important that the NWP community starts using the data now in order to gain support from our managers.

2. C. Heret and F. Beyrich present the work done at Lindenberg to collect and homogenize the data.

Scripts have been written to parse the data of each participating observatory.

→ To minimize the work load associated with this action, it would be desirable that the data providers stick with their presently used format! If format changes appear to be unavoidable, a message describing these changes should be send to C. Heret.

→ The quality control of the data remains under the responsibility of the data providers. Data problems detected should be directly discussed with the providers (with cc: to C. Heret).

3. The second part of the meeting is dedicated to a discussion about the steps to be taken in the near future.

Action points

Documentation, Communication

[C. Heret]

→ Document the data sets

- legend of parameters name

- formula used to compute dew point
- effective data availability (table already available → put on the server)

[All data providers, co-ordinated by C. Heret / F. Beyrich]

→ Provide a site documentation to C. Heret (for submission to the archive web site)

- This documentation shall include:
 - contact person (incl. e-mail address)
 - short description of the site (climate, soil type, vegetation, surroundings...)
 - additional data available on request
 - description of instruments, observation protocols, data processing and quality control steps
- Documentation may be an available site description document (e.g., the CEOP documentation for Cabauw, Sodankylä, Lindenberg)
- Provide a link to the local web site (if available)

[C. Heret]

→ Introduce one log file per observatory for documenting the history of the data set (new data, data replaced because of reason XYZ... with time stamp); this file should be accessible from the root directory associated with the observatory

[T. Andreadis]

→ Create a mailing list (everyone registering for data access should be put in this list; it should be used to announce new or modified data sets, for communicating discovered deficiencies in the data sets, ...)

Data set extension

[J. F. Mahfouf / C. Heret, ASAP]

→ [J. F. Mahfouf / J.-C. Calvet] Check unplausible values in 2006 data set, provide revised data set

→ [J. F. Mahfouf / J.-C. Calvet] Add year 2008 for Toulouse data set

→ [C. Heret] Process 2006 / 2008 data sets

[C. Heret]

→ Prepare and submit Sodankylä data

[Site representatives from SPC, CFM, PAY, SOD / C. Heret, until end of 2010]

→ Submit data for 2009 to C. Heret

→ Process data for 2009 and submit data to archive

[J. M. Bettems]

→ Ask SRNWP coordinator to send a letter to MetOffice asking for participation of Cardington/UK

→ Collect information on possible participation of Valdai/Russia

[F. Beyrich]

→ Collect information on possible participation of Debrecen (Hungary).

Others

[J. F. Mahfouf, SRNWP meeting]

→ Talk with SRNWP coordinator and COSMO StC Chair about willingness of COSMO to offer long term support (web site, yearly collection of latest data ...)