

Roads MRED Mar. 13, 2008 11 -13 PDT teleconference notes

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Agenda

1. MME. Feasibility of obtaining MME driving data from NCEP or other sources?

It was clear from the discussion that MME will be a useful idea to explore, especially in years 2 and 3. By that time, we will have established MRED input and output archives and we will have developed preliminary comparisons with CFS. Our international partners are excited about the possibility of eventually joining in, perhaps over different regions. Annarita mentioned that the Ensembles project might also now have a seasonal forecasting component using different models. Several volunteered to find out more about this Ensembles seasonal forecast project and report to the group.

2. CFS. Readiness of NCEP to provide CFS driving data and archive results.

NCEP will provide a sample forecast or forecasts soon for the participants to provide some feedback within the next few months. The entire CFS system will be run, ocean and atmosphere, and atmosphere 4xdaily sigma, sfc, pgb files will be provided. There was also a request for pentad ocean forecast files by Roads, who felt it might be helpful to have some investigation into the CFS ocean forecasts to make certain that everything in these CFS forecasts is similar to operational CFS ocean forecasts. NCEP still has to make the purchase of suitable storage but in the interim, sample files will be made available through its NOMADS server.

3. Input Resolution. Vertical and horizontal resolution

Full model resolution will be available through the CFS output sigma and sfc restart files. There was some question as to whether the standard reanalysis 17 level pgb files will be extended to a potentially new standard 42 NARCCAP pressure level standard, every 25 mb from 1050 to 25 mb. Henry will study the feasibility of making this change.

4. RCM model domains, netcdf output grid, temporal frequency.

Everyone agreed that the MRED output 155x66 grid (124.75W, 24.75N – 67W, 49.125N) would be used for the various comparisons. All RCMs will interpolate their data to this grid before sending it to the NCEP archive. A land mask will be provided and care will have to be taken with the analysis. Software to

convert grib output to netcdf will be made available to NCEP by P. Tripp. This software was recently developed to provide ECPC RSM output for the NARCCAP archive.

Several additional variables were requested to be added to MRED Table 2. W. Gutowski volunteered to make sure these additional variables were also NARCCAP and IPCC compliant

5. MRED schedule.

The next telecon will be scheduled within a couple of months or sooner. By that time we will have a better knowledge of all the participants in MRED.

6. MRED WWW site

The MRED WWW site is now under construction.

We need participant logos, links for this site.

We will add a link to useful software, telecon notes, etc. for the participants on this site. Our goal is to make this site a central point of contact for the participants