

XEFS Planning Meeting – 5 Feb 2009

Attendees: Edwin Welles, Albrecht Weerts, Rob Hartman, Mark Fresch, Hank Herr, John Schaake, Limin Wu, DJ Seo, and Julie Demargne

EPP3

The model adapter for EPP3 will handle the transfer of data between EPP3 and FEWS, and FEWS has the ability to extract a segment time series data from the model grids. John S. said that his EPP3 code also extracts time series data. However, the consensus was that we should have FEWS extract the time series. The advantages are that a) the extraction is done consistently throughout XEFS and CHPS and b) the FEWS extraction is well tested. As a result, we wanted to ensure that the time series data extracted by FEWS matches the data extracted by EPP3 code. Also, Albrecht would like to know the size of the grids EPP3 sends to FEWS and whether there was data beyond a normal time series that needed to be extracted.

John S said it was important for forecasters to see the GFS and CFS grids in order to be able to see whether it's working (John, could you please clarify, not sure if you meant the extraction process or EPP). John added forecasters should be able to zoom to small regions and loop displays. Albrecht said that was possible. (Albrecht, did you mean that this is already possible with FEWS or that it is possible to change FEWS?)

Hank said the model adapter will take the XML (from FEWS) and provide ASCII files to EPP3 in the proper directory (e.g. Apps default). John wanted to know the XML schema for the FEWS time series.

Verification

Mark wanted to meet soon to discuss verification with Julie and Deltares, although Julie said it didn't need to be before early next week.

It was agreed that we should start meeting weekly.

Actions:

John and DJ provide GFS and CFS output files and format to Albrecht.

John and Albrecht set up a regression test to compare the times series data extracted by FEWS vs. John's code.

Mark Fresch