

XEFS Planning Meeting – 5 March 2009

Attendees: Rob Hartman, Julie Demargne, DJ Seo, Limin Wu, Hank Herr, Xuning Tan, Albrecht Weerts, and Mark Fresch

EPP3 Status

EPP3 needs GRIB formatted ensemble data (not netCDF). As a result, Hank Herr said he may need to write a second (previously unplanned) model adapter which translates GRIB into ASCII format. John Schaake expressed some concern about the timing of the model runs, and Rob Hartman said that RFCs will manage the timing of the models runs, something they do as part of their operations.

John Schaake noted that the CFS needs 30 days of forecast runs. (Past model runs at different times and valid for a particular forecast period are the ensemble members.) The group thinks ideally these should be stored in FEWS; however for now they are stored in time-stamped flat files. Rob Hartman asked whether using this data is worth it, and John replied yes, the performance is much better than the control run. In fact, John said it was best to use 55 days of past forecasts and added that eventually he wants the GFS to have similar functionality.

HMOS Status

DJ said ABRFC reported that when the input QPF into HMOS is bad, the HMOS output is bad. DJ wants to see whether the RFC QPF (or other QPF) can be used to temper the HMOS forecast. As a result, HMOS may need additional data.

EVS Status

Albrecht provided XML data to James. James's work on EVS is going slow for now, as he works on more time critical tasks. We need to discuss basic architecture for FEWS, EPG, and Verification Service which will provide an integrated and easily expandable solution (see action item X020).

Action Item Review - See updated attached spreadsheet.

Mark Fresch