

**NWS Hydrology Forecast Verification Team
Teleconference Notes
11/10/2008**

Agenda

- Presentation of MARFC verification case study with EVS by Andrew Philpott
- Presentation of ABRFC verification case study with EVS by Bill Lawrence

Questions and Comments

Andrew's presentation

Andrew gave an excellent presentation of all the EVS plots with very meaningful explanation of the results. Lots of comments are provided in the PowerPoint document below the slides.

The EVS box plots showing the ensemble error distributions on the Y axis vs. the observed value on the X axis (e.g., slide #8) or time on the X axis should be made available in the EVS GUI. Right now, these plots are generated in EVS if some additional lines are appended to the *.evs project file. James Brown will make that change for the EVS prototype version 2.

Bill's presentation

Bill emphasized the need to archive flow forecasts, not only stage forecasts, for verification purposes, as well as the HMOS application. ABRFC did not archive specifically the rating curves for their basins. For this HMOS study, they used the latest set of rating curves to convert archived stage forecasts into flow forecasts. The verification is done with observed flows converted from stage observations using the same sets of rating curves. ABRFC will investigate the sensitivity of flow verification to changing rating curves.

The next team meeting will be on **November 18-20** at the 2nd RFC Verification Workshop in Salt Lake City.