

Status Report December 2005/January 2006

Problems at NCRFC

NCRFC's RFC Archive System is up and running "normally" again. Most of the lost flat files have been restored. The RFC is currently working on documenting all the problems they had and the various solutions if it exists.

Bug Fixes

It was discovered in early January by Larry Ellis, NCRFC, and Bill Lawrence, ABRFC, that the scripts provided in December to create the new flatfiles directory structure had some typos and did not create all the directories it was supposed. Brief summary of the errors found are:

- under "grids" has "qpc_hpc_vgf" should be "qpf_hpc_vgf"
- under "grids", the "other" directory was missing
- under "images", the following directories were missing "data", "fldwav", "fop", "other"
- under "text", the following directories were omitted: "data", "qps"
- it appears the script also creates some of directories with both the new name and old name this definitely occurs under the "grids" directory but may have occurred under the others as well
- under "nwsrfs/mods" an "hour" subdirectory level is created under each "day" ...this "hour" subdirectory level should NOT exist

The corrected script(s) is now available from the RFC Support Group (see rfcawips listserver message from Jan. 19, 2006).

Move to postgresSQL, Build OB7

The postgresSQL version of the raw shefdecoder is still being tested at HL; there is still a small memory leak in the code that they are trying to track down. Because of this memory leak the performance testing on inserts and updates to pseudo-array tables versus single value per row tables has been postponed. Testing of the shef_decode_pro application has begun.

The HL continues to work on the migration plan and will be testing it on the ax-nhor system. Juliann Meyer is working with Randy Rieman to ensure that the ax-nhor is representative of what exists typically in the field for the size of archive database and the size of the /data/flatfiles directory.

The field programmers are making progress on getting several of the applications converted and tested that are part of the RAX baseline. So far, about two-dozen applications and/or scripts have been completed.

The comprehensive test plan for the ob7 rax delivery is about 75% complete.

Transition of OHD Archive Scripts

The postgres version of the following apps should be available from the RFC Support Group shortly. The scripts are: hdpradar.scr, location.scr, radarloc.scr, rejecteddata.scr, nwbiasdyn.scr, rwradarresults.scr, and vl.scr. Your RFC will need these scripts when your AWIPS system goes to build ob6.