

Current APRFC Archiving Activities

Current Data Archiving

- Stages and forecasts
 - FZ - Xsets generated forecasts
 - FE - Riverpro generated forecasts (public)
 - FR - Persistence forecasts
 - FU - “Raw” forecasts for one forecast group
 - FX - Old modeling method forecasts for selected basins
- Precipitation, temperature and snow data
- Stage and flow data
- MAP, FMAP, MAT
- Ratings - incomplete at this time
- Snow and SAC-SMA states
- FS% files (as flat files)
- MODS (as flat files)

Current Verification Activities

- Monthly preparation of National Statistics (open water)
- Preparation of Case Study with IVP
- Participation with Verification Team conference calls and workshops
- Cleaning up existing data in Archive database
- Developed strategy for getting QC'd data into the Archive as a "clean" processed Type Source code
- Summer student verification case study on QPF verification last summer (not using IVP or EVS)

Verification 'Wish List'

- Comprehensive documentation of tables including a detailed description of each field (Data Dictionary similar to IHFS)
- National definition of a "Raw" forecast
 - What is it?
 - The best way to generate it
- Browser-based page(s) to check on the success of backups, crons, and anything that is pushing data to the RAX that is vital for verification (similar to the AWIPS monitor)
- Ability to view multiple time series for the same time period in DatView or some other application. It is easy to spot bad data when plotted with a nearby precipitation gage. Even being able to plot data from a raw table with the data for the same station that has been processed would be very valuable
- Improvements to the Archive Database
 - Allow expansion of the table to be able to view all data
 - Allow <shift> and <ctrl> click in the table to highlight data
 - Better GUI interface with the graphics (similar to Time Series display?)