











Updates to Lower Basin Data and Calibrations







Major Projects in the Lower ColoradoRiver Basin



Quality control of gage precipitation for calibration



Re-calibration effort











QC of Precipitation Information for **Calibration**











- Iterative process
 - Additional QCing is easy
 - Subtle errors can be identified during the calibration process and corrected
- Update record monthly in real-time
- Grids are a starting point for future distributed modeling and are available on our FTP site







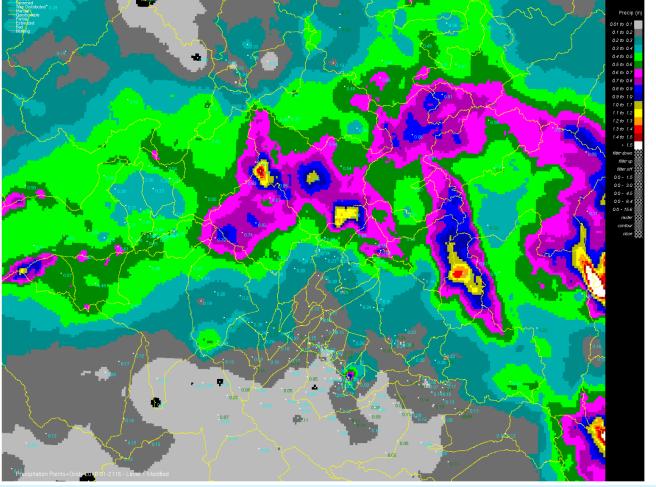












3 hourly precipitation ending 01/22/2010 18Z













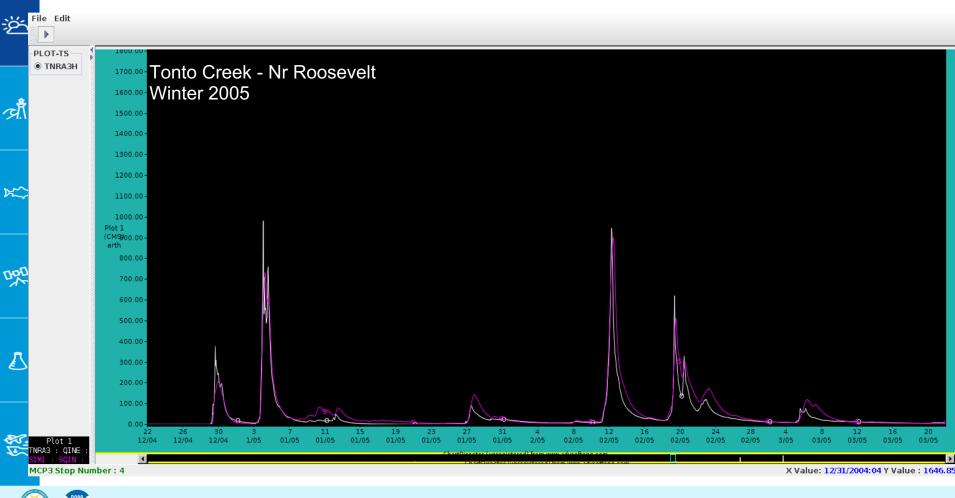




Re-calibration Effort

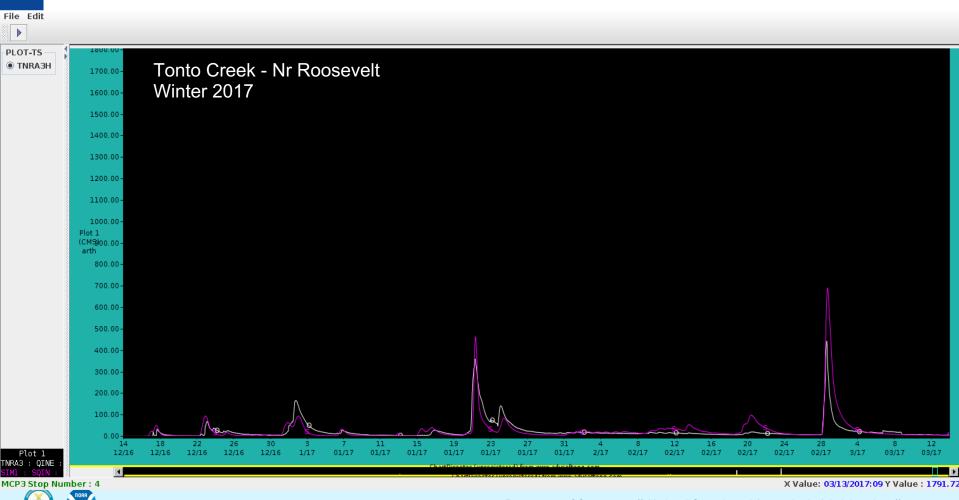
- Entire Lower Colorado River Basin will be calibrated using the 3-hourly gridded data
- Will closely match operational data set
 - Operational data is hourly, includes bias-adjusted dual pol radar estimate
 - Especially true in the winter when radar is trimmed below the freezing level and 12,000 feet
- Use of all data significantly improves simulations
- Will add more basins
- Areas that utilize ESP (Salt, Verde, and Gila)
 - Will bias adjust MAP and MAT data prior to 2000 using overlapping data
 - Will allow full use of 1981-2015 period



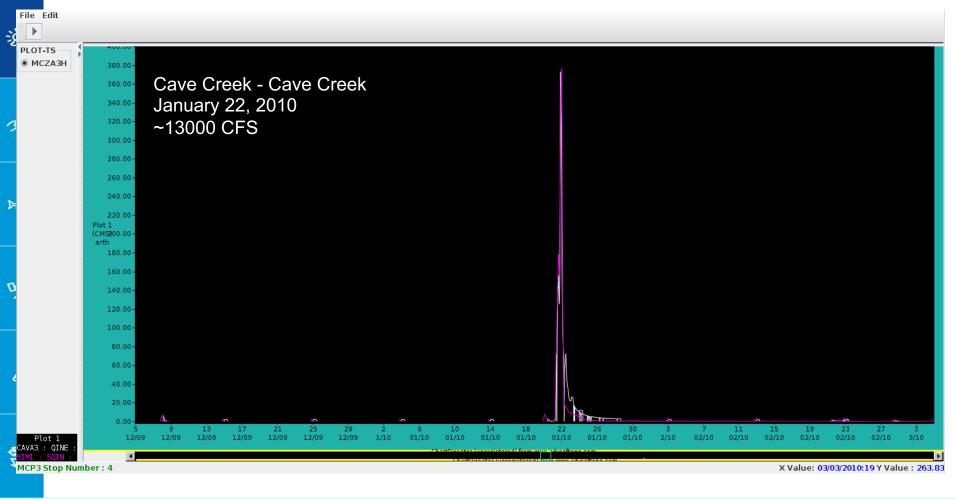






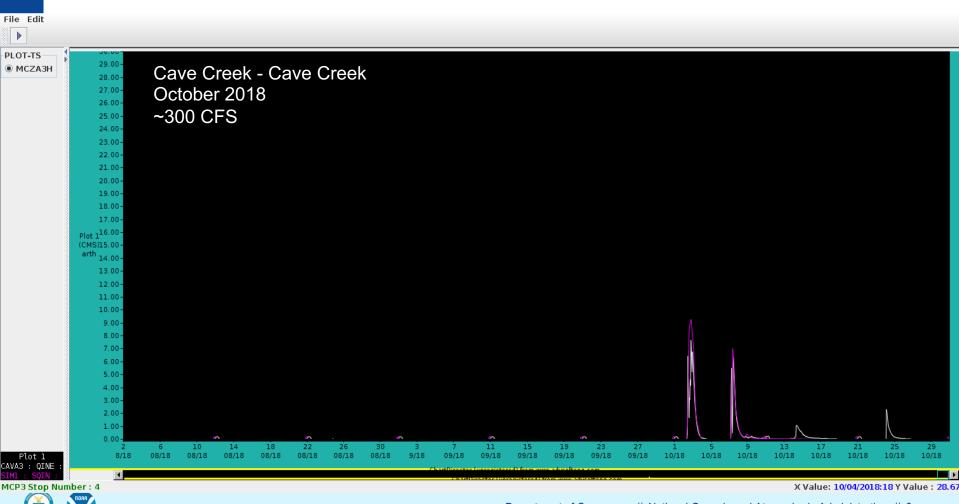














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