
4.5 Scenario Playbox: Input Adjustments

Included in the substantial completion of the GUI components to support the adjustment functions, advanced implementation of the “slider” arithmetic is done -- in particular, the exponential behavior of the scaling slider. [That arithmetic is characterized on this webpage: <http://cadswes2.colorado.edu/~philw/2012/Scenarios/Design/SliderScrollFormula.html>]

- Enhancement to the scenario slot data model to support persistent adjustment settings (scale and offset values). Persistence of these settings in the scenario file is required.
- Loading of adjustment controls from the playbox configuration and the current scenario input adjustment values. One, two, or three slot adjustment panels will be managed (depending on the playbox configuration).
- Recomputation of the scenario slots’ values as a parameterized adjustment function on the corresponding baseline shots. When irregular units are used (having an irregular per-time factor), this function must be applied to user-display values (not internal standard values).