7.2 Set Multiple Values

When users select multiple data cells (e.g., by dragging with the left mouse button, or by Shift- or Control-clicking data cells with the right mouse button), the most recently selected cell is ornamented as the active cell (with normal background shading and a heavy cell border) rather than as selected (with reverse-color background shading). Initiating and completing an edit of the active cell results in setting the entered value on each cell of the entire selection. In all other ways, editing the active cell within a multiple-cell selection behaves similarly to the **setting of a single value**.

The multiple cell selection can include timesteps from slots having different unit types (e.g., **Flow** and **Area**). It is up to users to insure that the multiple-value setting operation makes sense.

Since selecting a **Summary Cell** is equivalent to selecting all of the corresponding **Detail Cells**, an edit of a **Summary Cell** is implicitly a multiple-value edit operation.

7.2.1 Interpolation

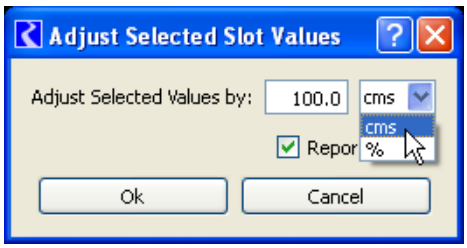
A special operation that also sets multiple values is **Edit ➥ Interpolate Selection**. Interpolate is available (enabled) if the following are true:

- The slot/timestep cell selection is "rectangular" and contiguous in both slot and timestep dimensions.
- The rectangular selection contains at least three contiguous timesteps.
- All slot values at the first and last timesteps are defined (not NaN).

Then an **Edit ➥ Interpolate Selection** operation will linearly interpolate between the first and last value in each slot and change them to input. If they are already inputs, a warning message is posted notifying you that you will overwrite input values.

Note: Since the standard internal units for per-time values (e.g., flow values are cms) are never per month, this avoids the potentially undesirable effect on the interpolation function due to the different amounts of time represented by different months. All interpolation is done within the internal units and then converted to the display units thus taking into account the lengths of different months.

7.2.2 Adjust Values



The **Edit ➥ Adjust Values** operation can be applied to any arbitrary slot / timestep cell selection in the SCT. Both absolute and relative (percentage) adjustments of values in series slots can be made. Absolute adjustments are available only when all cells in the selection have the same scale and unit. Neither NaN values nor Read-Only (cross-hatched) values are affected. Since slots can appear in an SCT more than once, the adjust value operation is careful to adjust each selected Slot/Timestep value only once. Click the Report Results toggle to see a summary of the slots changed.