Make Plot Menu

Selections here cause a plot to be generated. The view is automatically shifted to the map view with any of these selections.

All Selected Features, Choose Level / Time

After selecting a model level and time step (for transient models) in the pop-up window, this creates a map-view plot of the model results, using your settings from the Plot Input menu. To use this selection, you must have solved a model.

Everything shown in the plot will be specific to the selected level and time step , except for pathlines, which may traverse multiple levels and progress through time. Regardless of the level and time selected, entire pathlines are plotted.

All Selected Features, Same Level / Time

This creates a map-view plot of the model results, using your settings from the Plot Input menu. The level and time of the plot are the same as in the prior plot. If this is the first plot made, it defaults to level 1 at the first time step. To use this selection, you must have solved a model.

Everything shown in the plot will be specific to the selected level and time step , except for pathlines, which may traverse multiple levels and progress through time. Regardless of the level and time selected, entire pathlines are plotted.

Model Elements Only

This selection is used if you are part way through constructing a model and want to digitize features or see what model input features you have so far, without solving the partially-constructed system. This allows you to see the layout of model elements and of control points (points where boundary conditions are met). The control points are collocation points along line boundaries (“x” symbols) and the basis points for spatially-variable area source/sinks (“+” symbols). To see control points and basis points, make sure to select "elements w/details, control points" under Plot Input / What to Plot / Elements.

Along line boundaries, there are circles at the line segment end points. If you move the cursor over one of these circles, information about the line boundary condition at that corner is displayed. At the start and end points of line boundaries, these circle are slightly offset away from the start or

end point, which is helpful when multiple line boundaries start/end at the same point.

The pop-up window allows you to select the model level of the elements you want to display.

When you make a plot this way, there is no valid solution to examine, since the Solve step is bypassed. So, you can't use any of the post-solve analysis features such as Make Plot /All Selected Features or any of the options under the Analysis menu, and some of the options under the Plot Context menu.

SVAS Top/Bottom Condition Surface

Use this to contour and examine a SVAS top/bottom condition surface that you have defined. When you select this, a dialog will pop up that asks you to select one of the surfaces you have defined. Then a plot will be made that shows contours of the surface using contours settings defined under Plot Input/Contour Settings. The plot will also show dark blue circles at each surface data point location, and if you move the mouse over the circle, it will display the specified value at that data point.

Depending what you have selected under Plot Input/What to Plot, the plot may or may not also show the basemap, elements, and SVAS polygons.

When you make a plot this way, there is no valid solution to examine, since the Solve step is bypassed. So, you can't use any of the post-solve analysis features such as Make Plot /All Selected Features or any of the options under the Analysis menu, and some of the options under the Plot Context menu.

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