

**VISUAL MODFLOW FLEX / 6.1**

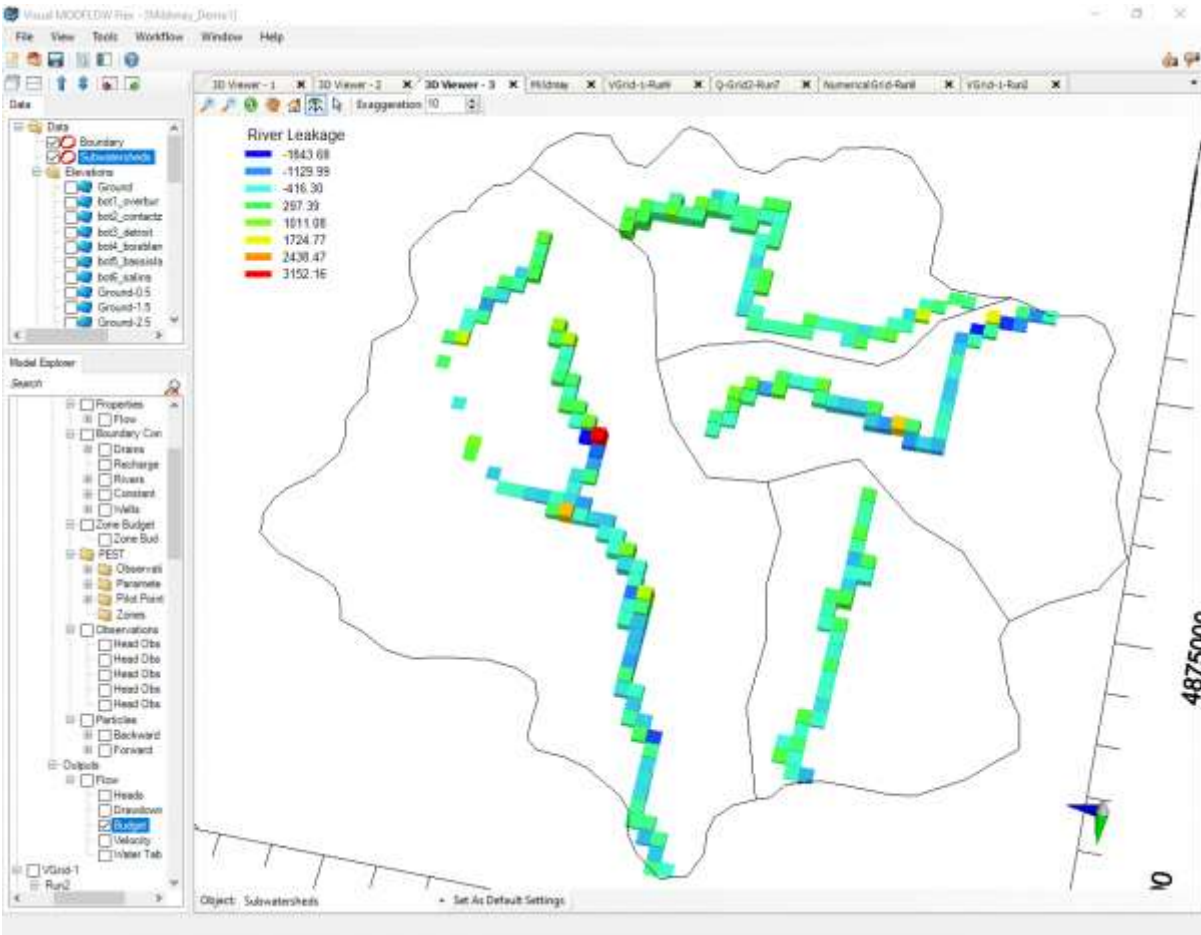
**Visual MODFLOW Flex** groundwater modeling software is the industry standard for simulating groundwater flow and contaminant transport.

## Experience the power of Visual MODFLOW Flex 6.1

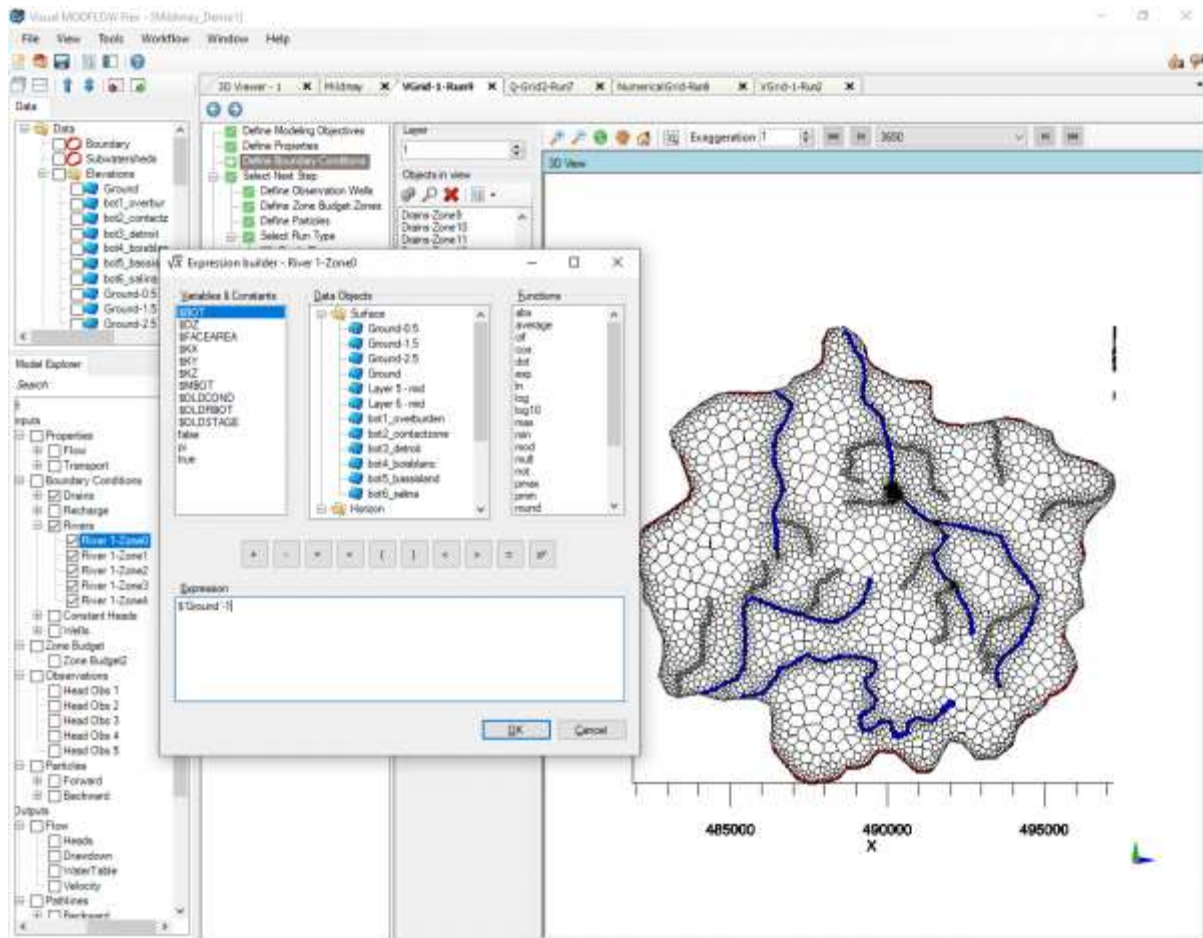
Visual MODFLOW Flex brings together industry-standard codes for groundwater flow and contaminant transport, essential analysis and calibration tools, and stunning 3D visualization capabilities in a single, easy-to-use environment.

## Usability and Other Enhancements

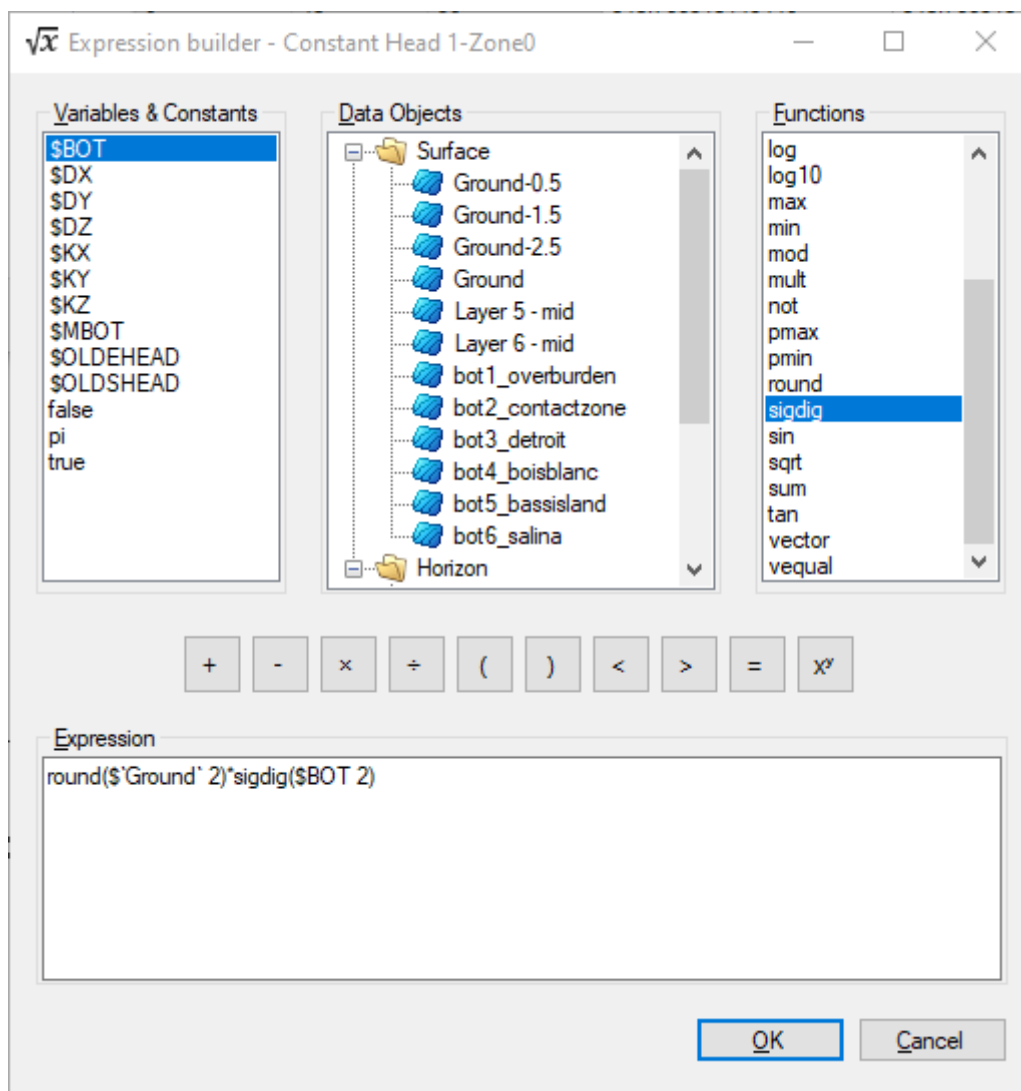
- Boundary Condition in/outflows from the Budget file are available in 2D/3D views and the cell inspector via the Output / Budget node in the model Explorer.



- You can Assign/Edit Model Properties and Boundary Conditions using an input surface, horizon, or water table object in the Expression Builder



- Expression Builder includes Round and Significant Digit functions.



- The SAMG solver is available with MODFLOW-USG
- Visual MODFLOW Flex warns you and allows you to back up a project before irreversibly upgrading projects created in previous versions
- You can specify ground surface or heads from a previous model run instead of using the initial head property values at the translation step for MODFLOW-USG runs
- You can zoom to an object in the Model Explorer in a 2D viewer using the context menu

## Defects Addressed

- Adding a data object such as a bitmap that is non-transparent during the grid creation process will overlay it on top of the grid rendering it invisible.
- Row/Column views for rotated grids are projected on NS/EW planes rather than on rotated model co-ordinate axes
- In some cases, surfaces generated using the model domain polygon did not fully span the model domain due to differences in numerical precision.
- LST file takes a long time to print for transient models
- Unhandled Exception when viewing certain .DXF files with unsupported components in a 2D Viewer
- Performance Issues on Project Load and Reload
- In some cases, not all wells are included when exporting data from the Calc. vs Obs. Chart

- In some cases, linear boundary condition features were skipped during conceptual to numerical model conversion.
- Concentration output nodes are not always created in RT3D runs
- Conceptual BCs assigned to the model sides not assigned as expected following conceptual to numerical model conversion to a finite difference grid if the grid cells are thin and/or there are steep gradients at the model edge.
- Uncaught exception visualizing Fluxes when budget file is removed
- View Maps not showing heads output
- Can't assign wells using Wells data object on Q-Grid
- Well Edit form dives under the main Flex window
- Only the first stress period values for bed leakance were included in LAK package translation