What's New in Surfer v26

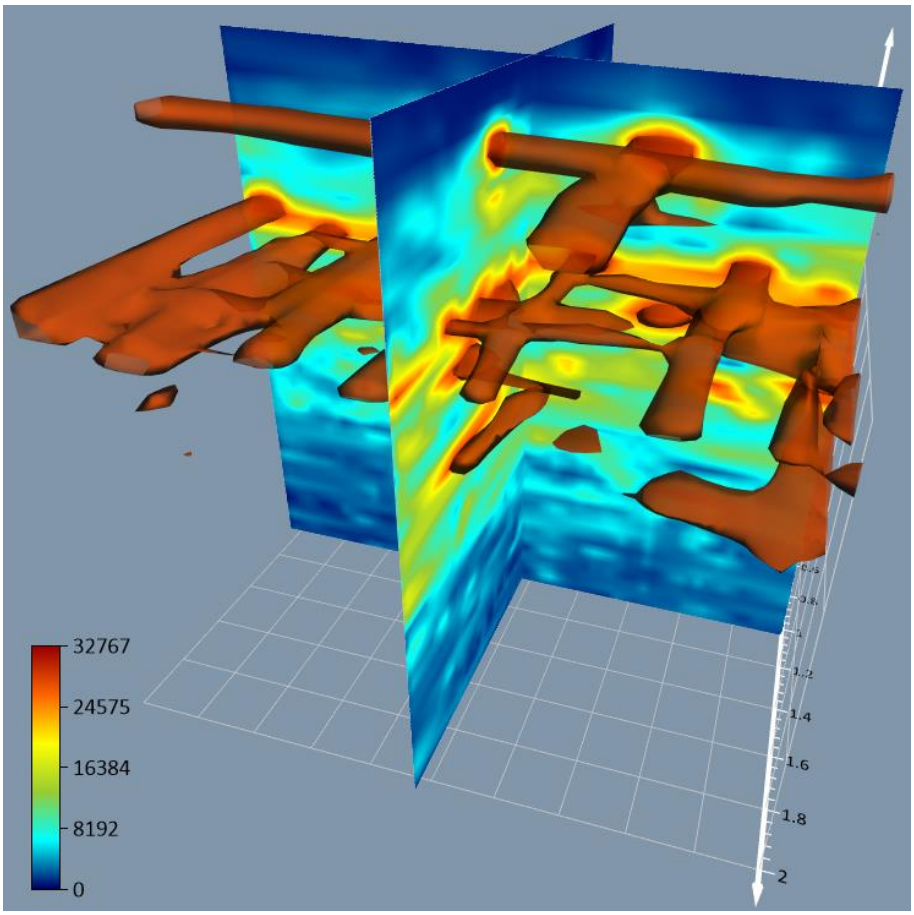
There are several new features in the latest release of Surfer! The top new features are listed below.

3D Grid Visualization

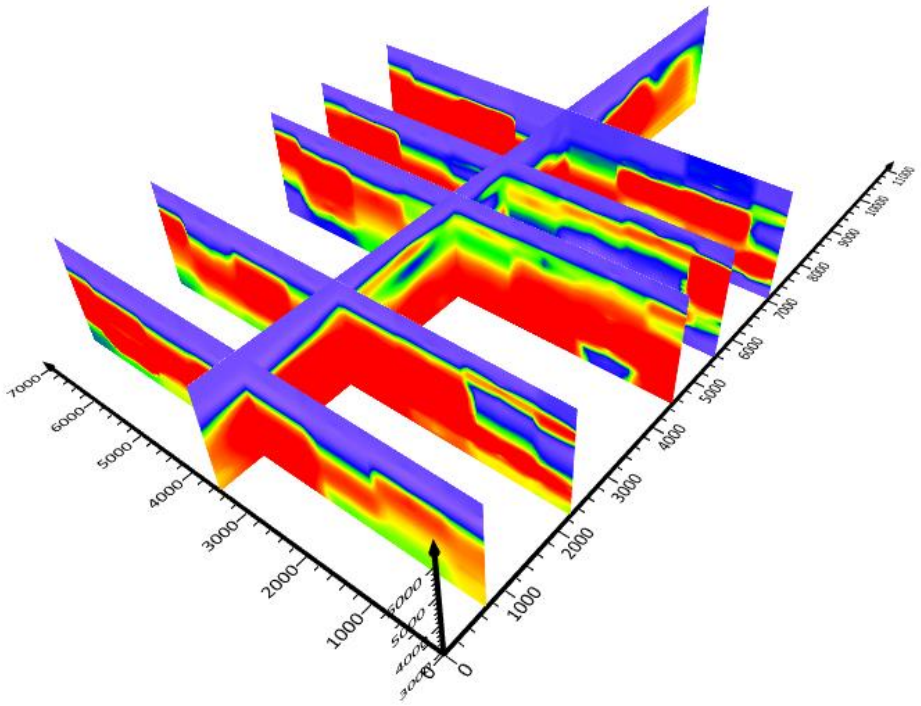
Visualize your 3D data to its fullest extents with the new 3D features in Surfer!

Image Slices

Slice your 3D grids at any angle and visualize the slice as an image. Specify any colors you wish for the image slice. Use a simple slider to move the image through the grid and see how it changes.



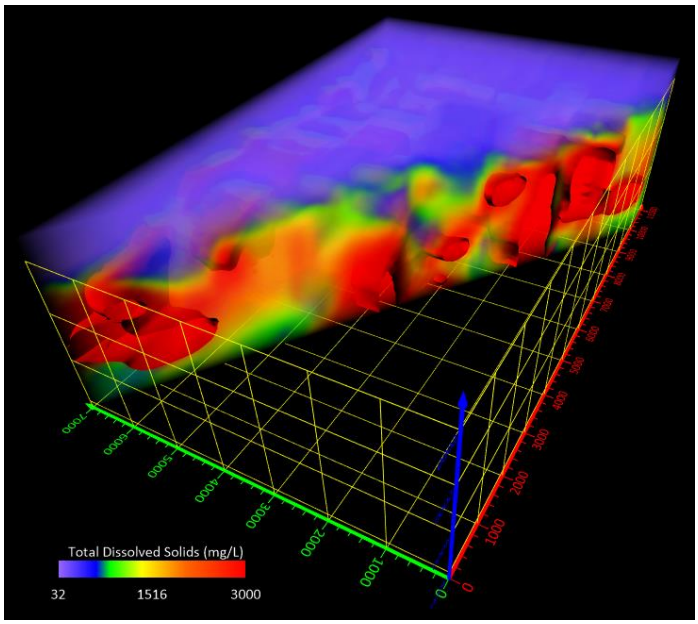
Create a slice through your data on the fly, and use a slide bar to interactively move the slice through your model.



Create multiple image slices to show how data changes along survey lines or at specific orientations.

Clipping Plane

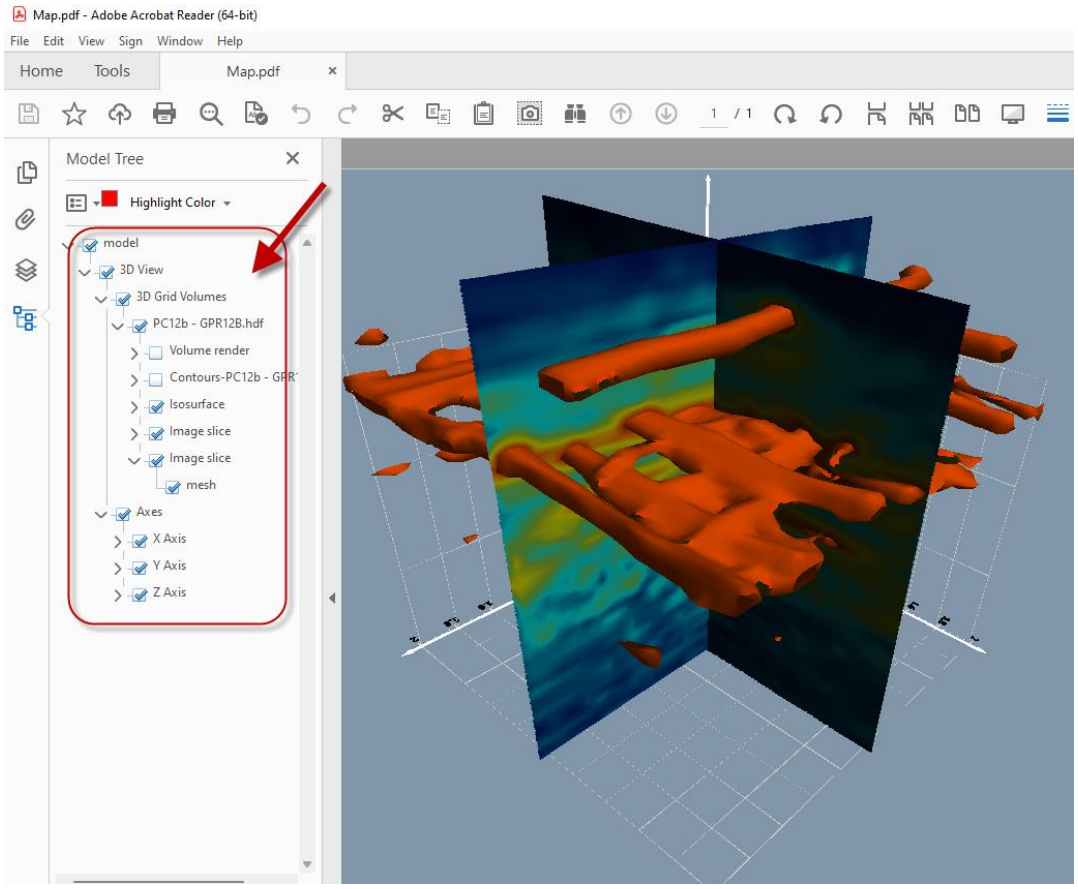
Clip off parts of your data using any plane! Cutaway areas at custom angles, or above/below certain X, Y or Z values.



Peer inside your model using clipping planes

3D View Export

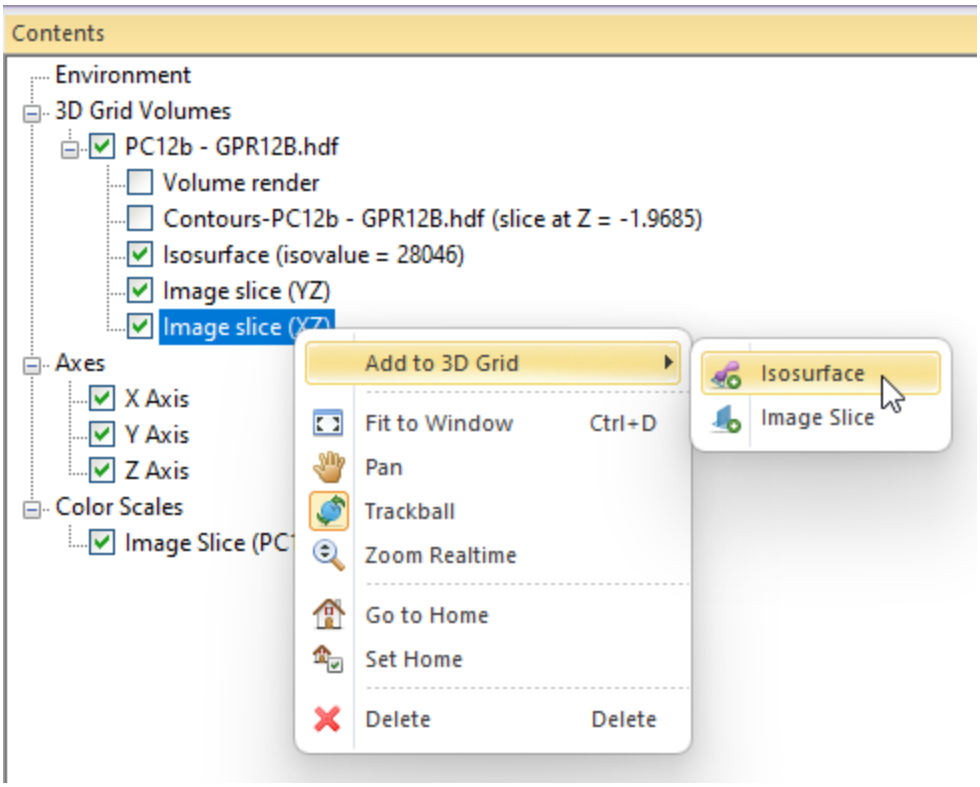
The 3D export is now better than ever! Grid lines, axes and axis titles are now exported to 3D PDF and VRML formats. When exporting to a 3D PDF file, the objects are grouped in the model tree just like they are in the Surfer contents. This makes it extremely easy to turn components of your model on or off, to showcase various aspects to clients and stakeholders.



Open the 3D PDF exported from Surfer's 3D View and all the components of your model are logically grouped together in the Model Tree so you can easily turn them on and off.

3D View User interface

The 3D view is now easier than ever to use. With the new context menu, find the commands you use most often more easily. Once you get your model just the way you like, turn off the auto-adjusting vertical exaggeration so it always stays exactly the way you want!



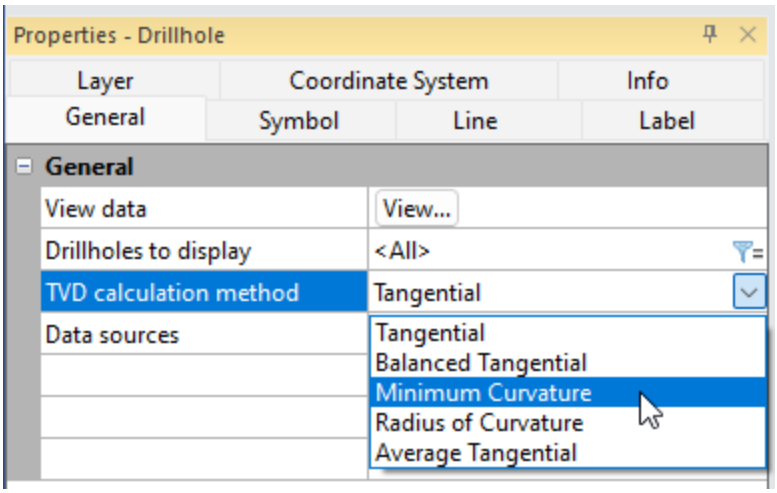
Easily find the commands you need by right clicking over the item to access the new context menu.

Drillhole Layer

Working with drillhole data has never been more powerful in Surfer!

Convert TVD calculation method

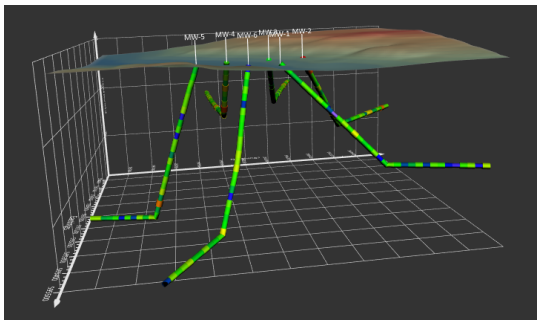
Deviated drillholes? No problem! Choose one of five different calculation methods to determine the true vertical depth along the hole to create the most accurate drillhole path. The new path is displayed both in the 2D plot view and in the 3D View!

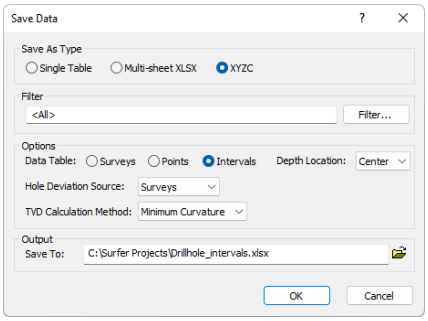


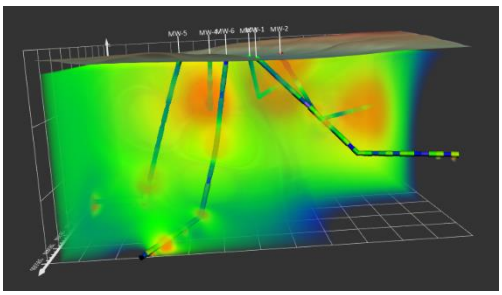
Choose one of 5 different methods to calculate the True Vertical Depth for your drillhole data. Drillhole paths displayed on the map and in the 3D view are adjusted.

Save Data

Import all your drillhole data into the Drillhole Manager, and then save the data to different data file formats. This allows you to consolidate all your data in one place, and save it to a single data file for backup or to share with colleagues. Save single tables to a data file, multiple tables to a single Excel workbook, or save your interval or points data to an XYZC data file. XYZC files would be used with Surfer's **Grid Data** function, to grid the drillhole data and create a 3D grid. Visualize your drillholes *and* the data they contain as a fully rendered volume all at once!







*Import drillhole data and visualize it in 3D. Save the data directly from the **Drillhole Manager** and grid it to create a 3D grid. Add the 3D grid back to the model to view the interpolated data.*