

Official version history and changelog information for Surfer, currently version 28.

Surfer 28.4.300 (January 17, 2025)

Improvements

- An update was made to the message notification system

Surfer 28.3.296 (January 5, 2025)

New Features and Improvements

- 3D View: Drillholes: Properties should remain on when the visibility of the object is off

Fixes

- 3D View: Color Scale: Invisible frame line style also sets ticks to be invisible
- Drillholes: cannot add legend after copy/paste
- Drillholes: legend is drawn incorrectly after loading
- Export PDF(vector): contour fill is in triangles
- Exporting raster base layer to TIF/JPG with high DPI could create a line of blank pixels in the image
- Grid Data: Polynomial regression: no longer works with 3 data points
- Import PDF: error when importing both raster and vector graphics, using the alternate rasterizer (errno=1 Max token stack size reached)
- Internal Error when loading some ECW files (EcwReader.cpp)
- Internal Error when using grid TIFF to create color relief layer (Grid.cpp)

Surfer 28.2.275 (November 9, 2024)

New Features and Improvements

- 3D View: Drillholes: full labels should be shown when drillhole fully inside map limits

- 3D View: Drillholes: Label: Field Name should be renamed to Hole ID for consistency
- The notifications icon was updated from a flag to a bell

Fixes

- 3D View: 2D Grid Surfaces: Drillhole textures are not displayed
- Base Symbology: Pie Chart: Sorting pie symbology by Color doesn't work
- Crash when loading TIF
- Internal Error when opening DAT file (DateTimeUtils.cpp)
- Internal Error when opening XLS file (XLSImport.CPP)
- Internal Error when loading an ECW file (EcwReader.cpp)
- Base from Server: legend comes in backwards and in the base map, if the base was selected when adding the layer
- Base from Server: window opens in strange location each time opened when PC display scale is high
- Base from Server: legend image requires a refresh to be visible

Surfer 28.1.248 (September 4, 2024)

New Features and Improvements:

- 3D View:
 - bounding boxes can be created around axis extents, volume renders, or isosurfaces
 - copy format/paste format
 - navigation triad can be displayed in any corner of the window
 - opacity option was added to isosurface, vector contours, and drillhole colors when using the Fixed color method
 - orthographic projection was added, to view the model in either perspective or orthographic projection

- preset views (top, bottom, north, south, east and west) were added to easily view model from different perspectives
- Vector Data: export 3D geometry to (BLN, CSV, DAT, DXF, SEG-P1, SHP) as 3D geometry with Z values per vertex
- Drillhole Data Import: Worksheets: warn when there are potential data errors (ie. Start>End or From>To)
- Export PDF, WMF, EMF: remove export scaling properties since they are not applied
- Frame Templates included in the Samples folder
- User Interface was updated with keyboard shortcuts, updated icons and organization to be consistent with Grapher

Fixes

- 3D View: Environment: water level XY extents did not include Sliced volume render
- 3D View: smooth lighting incorrectly placed on 2D Grid Surface when grid extents don't match map extents
- Base from Server uses incorrect Lat/Long extents when decimal separator is comma
- Base from Server: the Legend image wasn't readable in some cases
- Crash exporting to JPG
- Crash in 3D view when export to PDF
- Crash when export to a PDF(raster)
- Crash when starting Surfer
- Import ECW: files from the UK government for year 2020 were not recognized
- Internal Error when loading a grid data settings file with invalid settings into Grid Data (MinimumCurvatureGridder.cpp)
- Layout: Distribute: distributes outside the margins when Align to Margins is selected
- Viewshed: Add to Map command was not disabled properly