Surfer Version History

Official version history and changelog information for Surfer version 19.

Surfer 19.4.3 (June 14, 2022)

Fixes

- Updated licensing for security and compliance

Surfer 19.3.2 (October 19, 2021)

Fixes

- Updated licensing for security and compliance
- Internal Error when set contour smoothing (contourlabeler.cpp)
- Internal Error occurs when working with a 3D view (cacheejectionlru.cpp)
- Crash when closing Surfer after printing

Surfer 19.2.213 (November 5, 2020)

Fixes:

- Automatic backup kept failing for worksheets
- Automation: Base Layer: images imported as vector base layers instead of raster
- Automation: GridData: SearchRad1 and SearchRad2 did not work with Modified Shepard's Method
- Automation: Vertices Property did not match coordinates page for pasted polygon
- Crash when closing plot document with open 3D view
- Crash when filtering data during gridding
- Crash when opening an empty PDF file
- Crash when Undo
- Datum conversions with prime meridian shifts did not correctly apply the shift
- Lambert Conformal Conic (1SP) projection did not apply the scale factor
- EPSG codes for 20790 and 20791 were not searchable
- Frequently Asked Questions went to wrong URL
- Internal Error and/or crash changing order of surface map (scenelist.cpp)
- Internal Error in 3D View when turning on labels (memorymappedcache.cpp)
- Internal Error when creating contour map with specific GRD file (contourconverter.cpp)
- Internal Error when importing GPX as a base layer (gpximportfilter.cpp)
- Internal Error when reloading layer data (contourconverter.cpp)
- Join Attributes: Help button did not work
- SRF Preview pane prevented files from opening from network location (corrupt file message)
- User could not run Surfer due to "License is invalid for this product and version"

Surfer 19.1.189 (August 31, 2020)

New Features and Improvements:

- 3D View: 3D PDF Export
- 3D View: Enable Undo
- Attribute Table: copy/paste the headers with rows
- Attribute Table: import attributes from file (Join)
- Attribute table: Sort by attribute value by clicking column header
- Attribute Table: update the color of selected cells/rows
- Base map: select only objects in base layer when in edit mode
- Convert grid-based layer types
- Coordinate System: Add CRTM05 (Costa Rica, EPSG 5367)
- Coordinate System: Add Palestine 1923 Palestine Belt and Palestine Grid (EPSG 28191, 28192)
- Coordinate System: add the FIPS code to each SPCS zone
- Copy/Paste Format: include Classed Post Map class mins/maxs
- Drag and Drop files into Surfer window to open as map
- EMF Export: rotated text is exported as polygons and polylines when exporting in map units (but not paper space) or paste as EMF
- File | Open: open files as a map instead of opening in Grid Editor or the Worksheet
- Grid operations: make "Add grid as layer to" checkbox persistent
- Make contouring faster with large grids
- New Base Symbology: Charts: Pie map
- Open more than one file at a time with File | Open (SRF, DAT, GRD)
- Post Map and Classed Post Map: add Data Exclusion Filter
- Post Map, Classed Post Map and Base from Data: Edit Data option to open data in the workshseet
- Save As dialog: remove extension from autofilled file names
- Share grids/files in background so don't have to load multiple times
- SRF Thumbnail Previews
- Undo: Previous View (Zoom Previous)
- Update map Scale and Scale Bar when drag selection handles to resize map

Fixes:

- 3D View: 3D points: does not update when add new points
- 3D View: Axis Labels: add Thousands separator decreases font size
- 3D View: copied/pasted/moved point still uses XY location of original point
- 3D View: Lat/long point data layers disappear when reprojected to linear
- 3D View: point Density limiting points incorrectly
- 3D View: post map symbols do not appear in 3D when there's only one point
- 3D View: Z Axis scaling is not updated when point Density is changed (Z axis goes to infinity)
- Automation: GridData3 is not sending parameters for grid size and blanking
- Base Symbology: Un/Classed Symbols and Unclassed Colors: colormap uses 0-1 for data min/max instead of attribute range when there's no variation in the data
- Contour maps are limited to grids no larger than 65535 nodes on a side (incorrect fill)
- Crash after selecting JPG in the Select Format dialog
- Crash when duplicate a contour layer

- Crash when pasting multiple cells from worksheet to Attribute Table
- Defaults: Post Map pFont properties aren't applied
- Defaults: Post Map pLabCol does not set label column
- Defaults: Post Map pPosType doesn't work
- Double click on BAS opens empty Scripter
- Drop Shadow: positive and negative offsets are applied in the same direction
- GridTIFF import: XY ranges are shifted slightly
- Incorrect contours near blanked saddle points
- Internal Error when gridding with Local Polynomial with No Search (localpolynomialgridder.cpp)
- Internal error when opening the math text editor (mtxmetrics.cpp)
- Internal Error when using Grid Calculus (calculus.cpp)
- KML import: embedded image isn't imported in the correct location
- Options: Post map labels don't use default Font properties
- Post Map: colormap data limits change when replacing data file
- Print Preview is wrong when Print method is set to View
- Set Limits: Limits reverted to default if you click in Properties and then apply the limits and change the scale.
- SRTM WCS server is downloading grids with Z range of 0 to 1