

New Features

General

- **Surfer** is designed for Windows 98, Me, 2000, and XP.
- Use the **Help | Check for Update** command to easily update **Surfer**.

User Interface Features

- Bitmaps can be rotated.
- Property dialogs are modeless. This means you can open a property dialog and continue working with **Surfer**. The property dialog updates when the selection changes.
- Rotate, tilt, and change the field of view with the [Map | Trackball](#) command.
- **Edit | Paste** and **Edit | Paste Special** automatically pastes the object in the center of the page.
- Added a [View | Pan Realtime](#) command to easily move the window.
- Added a [Zoom Realtime](#) command to zoom by dragging the cursor.
- Map [scale](#), [view](#), [limits](#), and [background](#) have been moved to the map property dialog.
- Added new compression routine to bitmaps.
- Make maps quickly by selecting the map type. The default properties for the map are used for the map and these can be edited by opening the new [property](#) dialog.
- Use the **Help | Feedback** command to send a problem report, suggestion, or information request by e-mail.

Surface Maps

- Color surface maps have been added to **Surfer**.
- All planar map types and other surface maps can be overlaid on surfaces.
- Bitmaps can be overlaid on surfaces.
- Control the color, lighting, mesh, base, and overlay color blending of a surface.
- Added new color scales, ChromaDepth.clr and Terrain.clr.

Gridding

- [Filter](#) grids using many pre-defined filters or define your own filter.
- Load large data files faster when gridding (there is no pre-sorting or pre-duplicate checking).
- Use [Data Metrics](#) to gather information about the data.
- It is possible to mosaic many grids, for example, adjacent USGS SDTS DEM files, with the [Grid | Mosaic](#) command.
- Use the new [Cross Validate](#) option to assess the quality of the selected gridding method.
- A map of the Delaunay triangulation can be created when gridding with the Triangulation with Linear Interpolation or Natural Neighbor methods.
- Added [Moving Average](#) and [Local Polynomial](#) gridding methods.
- Faults are retained in grids after blanking
- Added Cubic and Pentaspherical variogram models.

Volume

Added a Z scale factor to volume calculations. This allows you to set a scaling factor when your XY units are not the same as the Z units.

Digital Elevation Model

Surfer provides native support for the newest SDTS format.

Reports

- Reports can be generated in a large number of places in the program.
- A large collection of statistics are available.

Import / Export

- A new set of import filters include Enhanced Metafile, Golden Software Interchange, and ESRI ArcInfo Export Format.
- A new set of export filters include Enhanced Metafile, MapInfo Interchange Format, Golden Software Interchange, and Golden Software

Boundary.

Page Setup

The 32 inch page resolution has been eliminated under all operating systems.

Worksheet

Up to one billion rows are available in the worksheet.