

## New Features

### General

- **Grapher** is designed for Windows 98, Me, 2000, and XP
- A new HTML-based help system allows advanced searching options
- Several new script examples have been added

### 2D Graphs

- Added [polar function](#) and [wind chart](#) graphs
- Modified [rose diagrams](#) so that you can create custom bins
- Connect points in [ternary diagrams](#)
- Added new symbols to [bubble plots](#)

### 3D XYY Graphs

Added 3D XYY [ribbon/wall](#), [function](#), [step plot](#), [bar chart](#), [floating bar](#), and [histogram](#) plots

### 3D XYZ Graph

Added an [XYZ plot](#)

### Graphing Features

- Added error bars to bar charts
- [Change](#) from one plot type to another
- [Fill](#) between multiple plots
- Fill plots to the left and right in addition to filling up and down
- Calculate the [area](#) under a line/scatter plot

### Axes

- Added a natural log scale for axes
- Added the ability to [break axes](#)

### User Interface Features

- Eliminated the 32 inch page limit under Windows 98 and Me
- [Reload](#) data files that are edited in other programs such as Excel
- A large cross hair cursor is used in digitizing
- Display point information when clicking on a plot
- Improved the **Object Manager**
- Store the data file with the graph in the new [Grapher Project files](#) [.GPJ]
- Save **Grapher** files [.GRF] in the **Grapher** 3.0 format
- Added an [Excel](#) interface
- Added a [date/time format](#) to the program that can be used in the worksheet, when creating plots, and when editing the plots (e.g. clipping)

### Worksheet

Up to one billion rows and columns are available in the worksheet